

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082977.D
 Acq On : 18 Jul 2024 16:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Semsettin Yesilyurt 07/19/2024

Quant Time: Jul 19 00:45:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	89350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	153629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	147276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	67175	53.632	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.260%			
35) Dibromofluoromethane	8.165	113	52681	53.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.880%			
50) Toluene-d8	10.571	98	196933	54.087	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.180%			
62) 4-Bromofluorobenzene	12.853	95	65474	50.061	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57787	49.955	ug/l	99
3) Chloromethane	2.365	50	47937	43.697	ug/l	99
4) Vinyl Chloride	2.512	62	58372	50.664	ug/l	99
5) Bromomethane	2.942	94	40541	48.803	ug/l	93
6) Chloroethane	3.112	64	44384	56.294	ug/l	95
7) Trichlorofluoromethane	3.489	101	88730	53.545	ug/l	93
8) Diethyl Ether	3.959	74	29893	52.709	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	51351	54.752	ug/l	98
10) Methyl Iodide	4.583	142	51462	53.519	ug/l	99
11) Tert butyl alcohol	5.524	59	45927	218.011	ug/l	99
12) 1,1-Dichloroethene	4.336	96	47637	52.227	ug/l	85
13) Acrolein	4.171	56	36402	239.339	ug/l	99
14) Allyl chloride	5.018	41	67759	47.645	ug/l #	94
15) Acrylonitrile	5.712	53	128846	266.134	ug/l	100
16) Acetone	4.424	43	105703	239.703	ug/l	91
17) Carbon Disulfide	4.706	76	123881	45.452	ug/l	99
18) Methyl Acetate	5.024	43	69296	59.387	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	171067	54.370	ug/l	96
20) Methylene Chloride	5.271	84	57401	53.900	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	51922	52.536	ug/l	93
22) Diisopropyl ether	6.671	45	175032	58.828	ug/l #	96
23) Vinyl Acetate	6.600	43	651160	275.589	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	103491	57.344	ug/l	98
25) 2-Butanone	7.482	43	172160	258.557	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	93359	55.637	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	64523	55.765	ug/l	88
28) Bromochloromethane	7.812	49	40784	52.677	ug/l #	84
29) Tetrahydrofuran	7.835	42	112819	269.137	ug/l #	85
30) Chloroform	7.965	83	112013	58.504	ug/l	100
31) Cyclohexane	8.253	56	77162	47.122	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	101410	57.048	ug/l	96
36) 1,1-Dichloropropene	8.365	75	74053	54.484	ug/l	98
37) Ethyl Acetate	7.559	43	69224	50.026	ug/l #	95
38) Carbon Tetrachloride	8.359	117	86647	52.948	ug/l	97
39) Methylcyclohexane	9.600	83	74113	50.481	ug/l	95
40) Benzene	8.606	78	236328	56.527	ug/l	97

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 Sample : VSTDC0050
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
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Reviewed By :John Carlone 07/19/2024
 Supervised By :Semsettin Yesilyurt 07/19/2024

Quant Time: Jul 19 00:45:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	39942	53.579	ug/l	91
42) 1,2-Dichloroethane	8.671	62	85443	56.769	ug/l	98
43) Isopropyl Acetate	8.688	43	141087	54.331	ug/l #	96
44) Trichloroethene	9.353	130	55447	51.766	ug/l	94
45) 1,2-Dichloropropane	9.624	63	59273	60.727	ug/l	97
46) Dibromomethane	9.712	93	42960	56.496	ug/l	99
47) Bromodichloromethane	9.888	83	92334	58.768	ug/l	98
48) Methyl methacrylate	9.682	41	58142	53.587	ug/l #	86
49) 1,4-Dioxane	9.694	88	23458	993.769	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	389332	283.807	ug/l	94
52) Toluene	10.629	92	150418	57.595	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	92500	57.149	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	95317	55.635	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	58325	60.733	ug/l	99
56) Ethyl methacrylate	10.876	69	89822	60.118	ug/l	85
57) 1,3-Dichloropropane	11.165	76	99516	58.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	228979	298.668	ug/l	95
59) 2-Hexanone	11.194	43	285528	279.950	ug/l	93
60) Dibromochloromethane	11.359	129	71544	58.491	ug/l	100
61) 1,2-Dibromoethane	11.470	107	59530	58.371	ug/l	100
64) Tetrachloroethene	11.106	164	52707	47.969	ug/l	97
65) Chlorobenzene	11.894	112	168016	53.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	62744	55.894	ug/l	98
67) Ethyl Benzene	11.965	91	286509	54.016	ug/l	99
68) m/p-Xylenes	12.070	106	225509	112.613	ug/l	96
69) o-Xylene	12.400	106	106643	55.579	ug/l	94
70) Styrene	12.412	104	189721	59.842	ug/l	97
71) Bromoform	12.582	173	46816	53.031	ug/l #	98
73) Isopropylbenzene	12.694	105	270142	52.740	ug/l	99
74) N-amyl acetate	12.494	43	113865	53.743	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	80976	52.787	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	73914m	60.820	ug/l	
77) Bromobenzene	12.982	156	67285	50.919	ug/l	95
78) n-propylbenzene	13.035	91	323348	54.905	ug/l	99
79) 2-Chlorotoluene	13.129	91	194118	51.732	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	225596	54.487	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35330	57.175	ug/l	84
82) 4-Chlorotoluene	13.223	91	195877	52.738	ug/l	97
83) tert-Butylbenzene	13.441	119	190027	51.770	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	232636	55.128	ug/l	98
85) sec-Butylbenzene	13.617	105	270075	54.448	ug/l	99
86) p-Isopropyltoluene	13.729	119	226617	54.759	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	125126	52.417	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	124117	50.276	ug/l	100
89) n-Butylbenzene	14.059	91	189768	53.524	ug/l	99
90) Hexachloroethane	14.335	117	43749	49.960	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	119337	51.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16327	46.005	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	58392	46.772	ug/l	99
94) Hexachlorobutadiene	15.506	225	25483	46.044	ug/l	98
95) Naphthalene	15.641	128	199021	46.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59973	46.721	ug/l	97

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

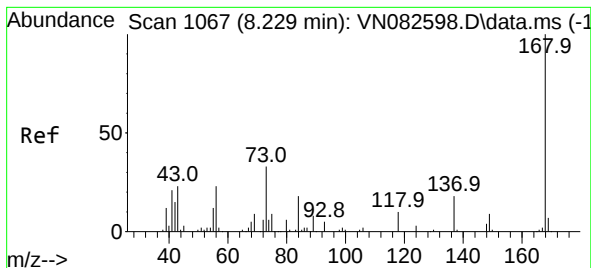
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

Quant Time: Jul 19 00:45:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



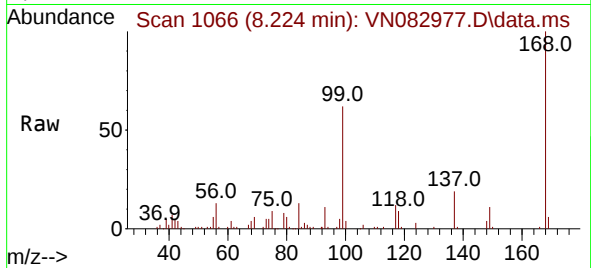
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



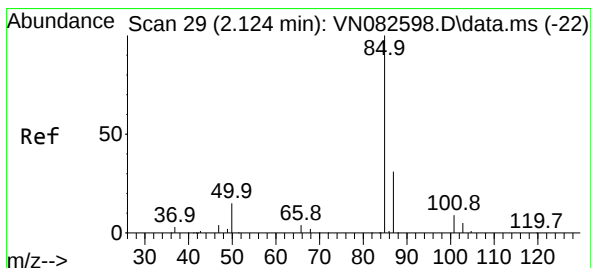
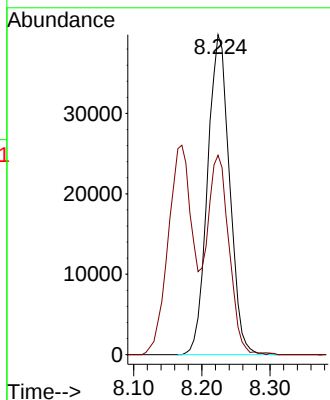
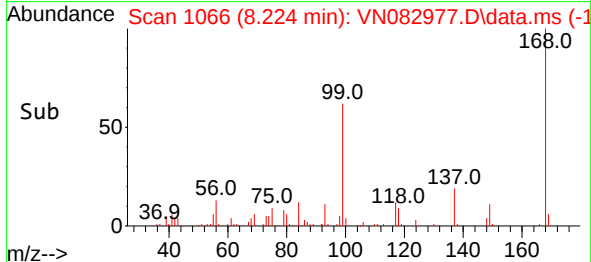
Tgt Ion:168 Resp: 89350
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4

Manual Integrations

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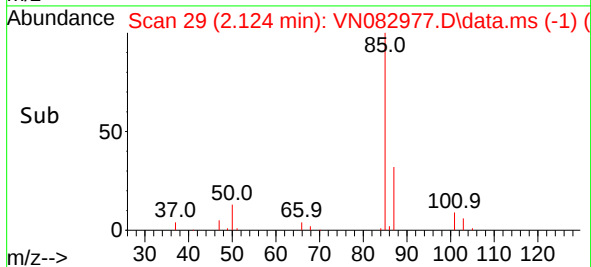
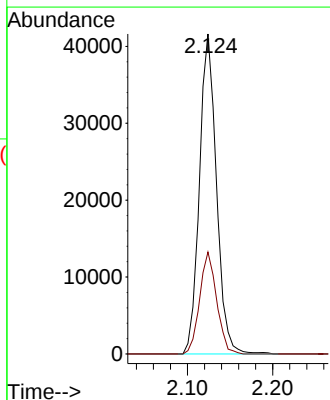
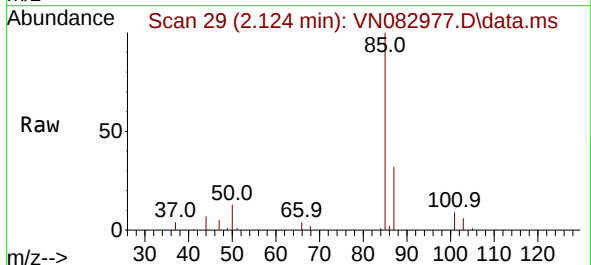
Reviewed By :John Carlone 07/19/2024

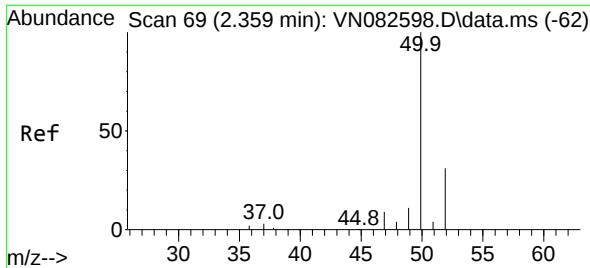
Supervised By :Semsettin Yesilyurt 07/19/2024



#2
Dichlorodifluoromethane
Concen: 49.955 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion: 85 Resp: 57787
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0





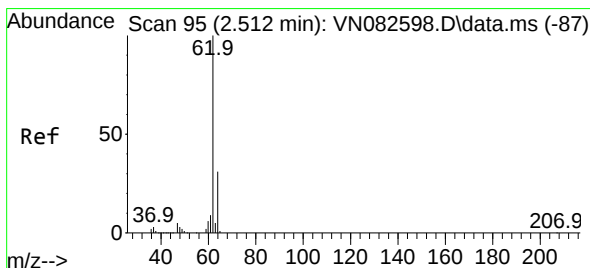
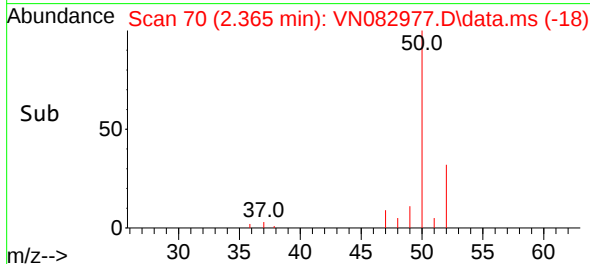
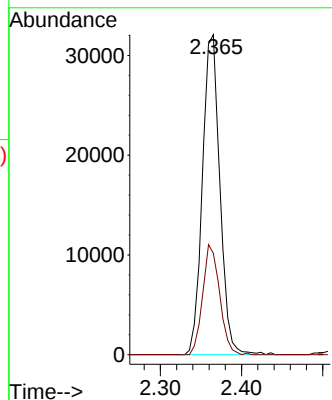
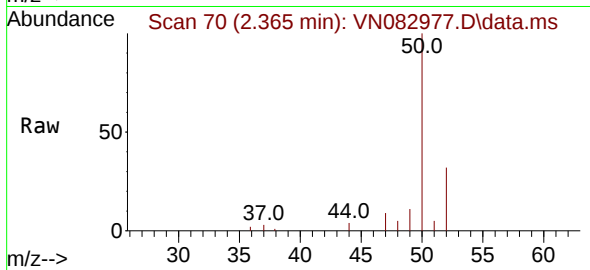
#3
Chloromethane
Concen: 43.697 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 4793
Ion Ratio Lower Upper
50 100
52 31.7 25.0 37.4

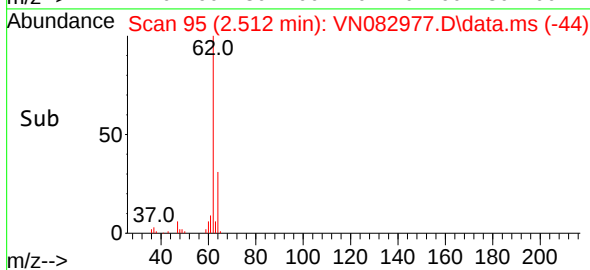
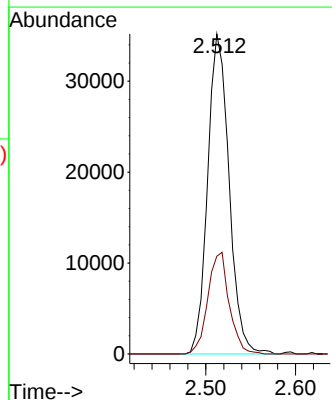
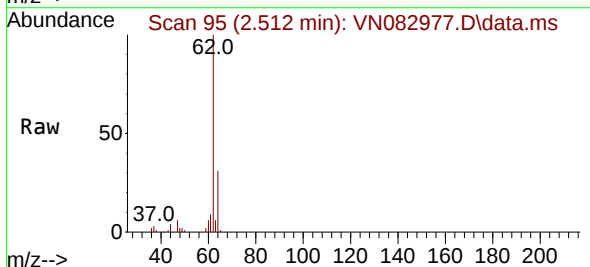
Manual Integrations
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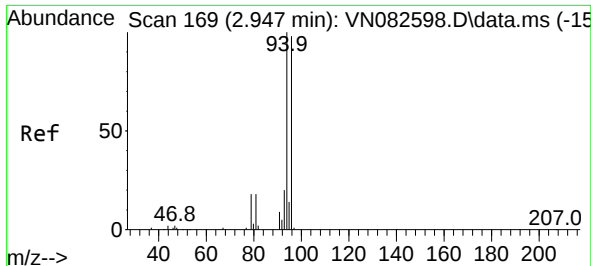
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#4
Vinyl Chloride
Concen: 50.664 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion: 62 Resp: 58372
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6





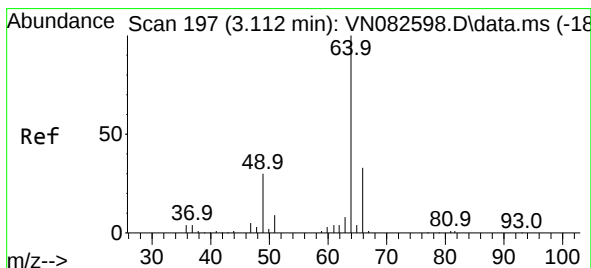
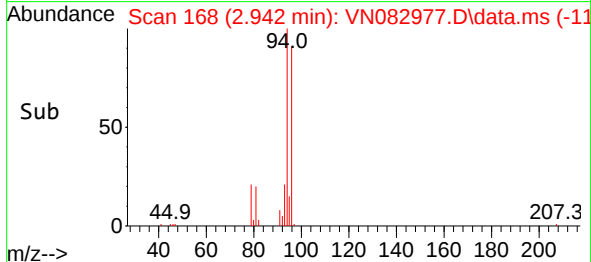
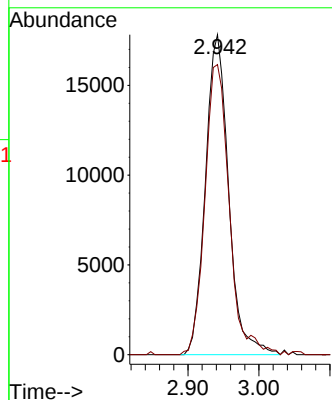
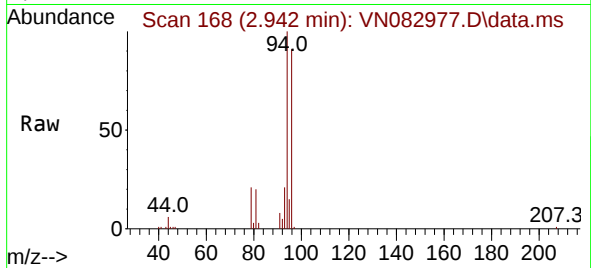
#5
Bromomethane
Concen: 48.803 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 4054
Ion Ratio Lower Upper
94 100
96 90.7 78.0 117.0

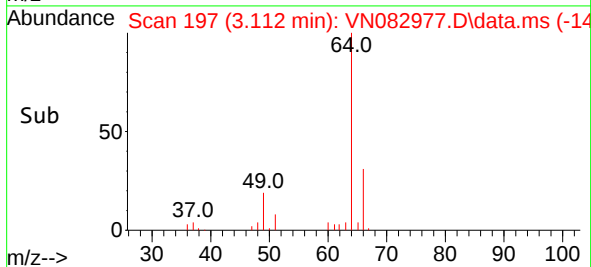
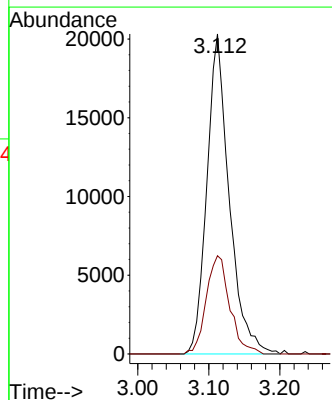
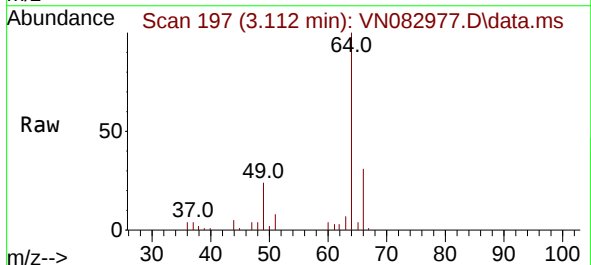
Manual Integrations
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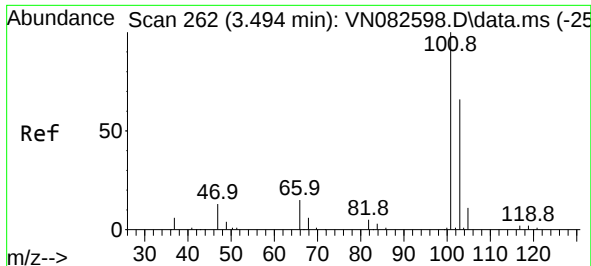
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#6
Chloroethane
Concen: 56.294 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

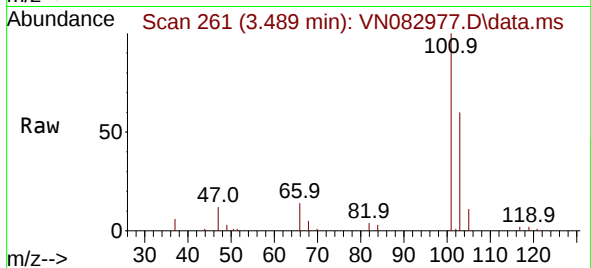
Tgt Ion: 64 Resp: 44384
Ion Ratio Lower Upper
64 100
66 30.7 26.6 40.0





#7
Trichlorofluoromethane
Concen: 53.545 ug/l
RT: 3.489 min Scan# 201
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

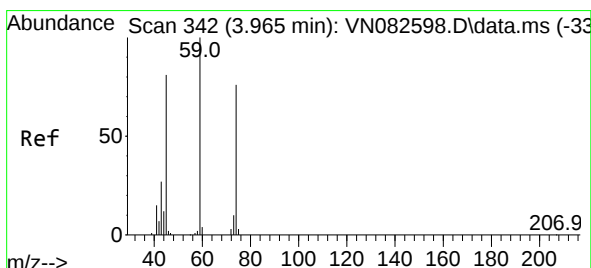
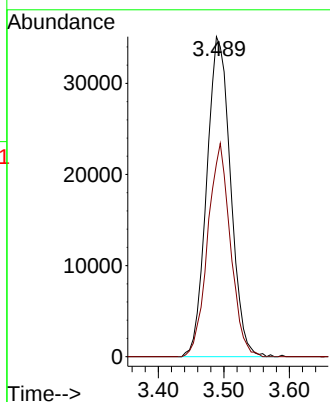
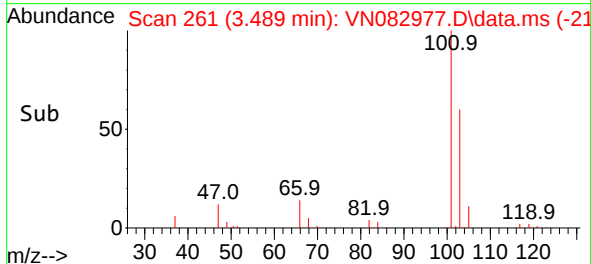
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 88730
Ion Ratio Lower Upper
101 100
103 60.3 52.7 79.1

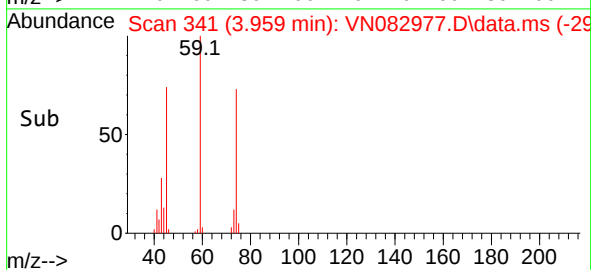
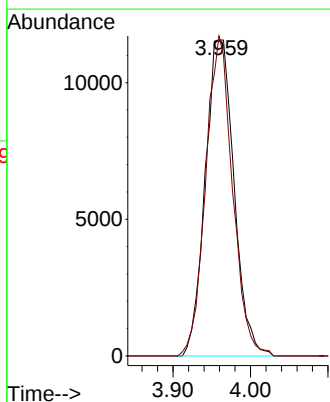
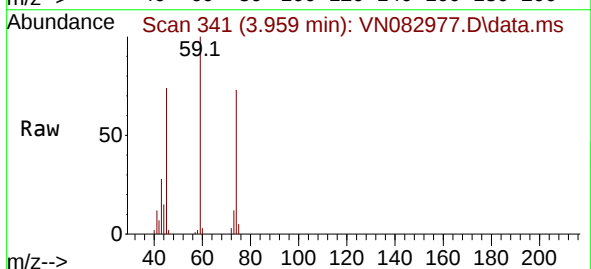
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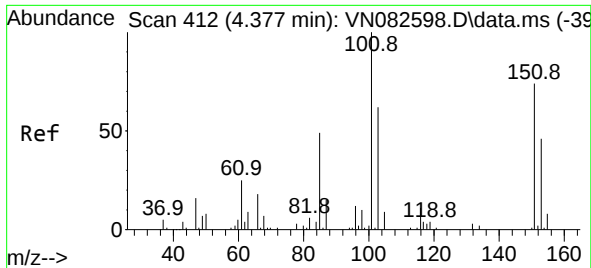
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#8
Diethyl Ether
Concen: 52.709 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion: 74 Resp: 29893
Ion Ratio Lower Upper
74 100
45 94.3 55.5 166.3





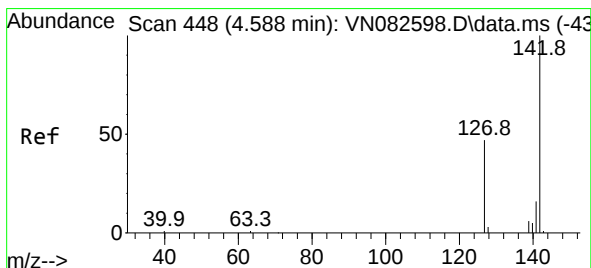
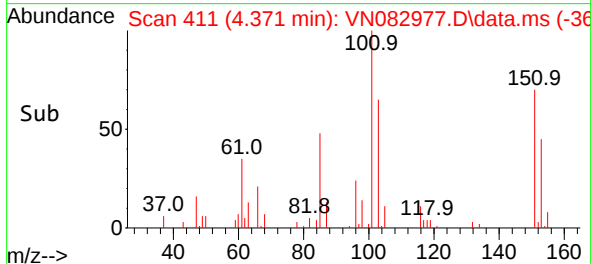
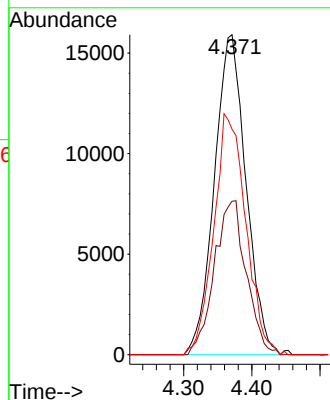
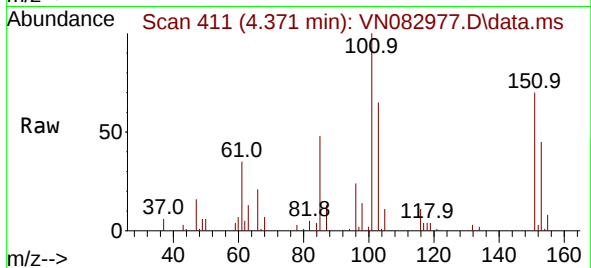
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.752 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5135
Ion Ratio Lower Upper
101 100
85 48.6 38.3 57.5
151 76.1 59.3 88.9

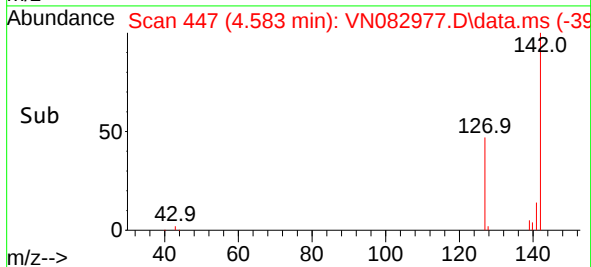
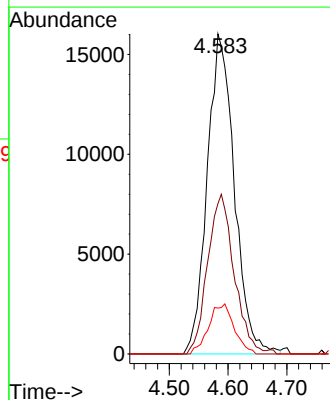
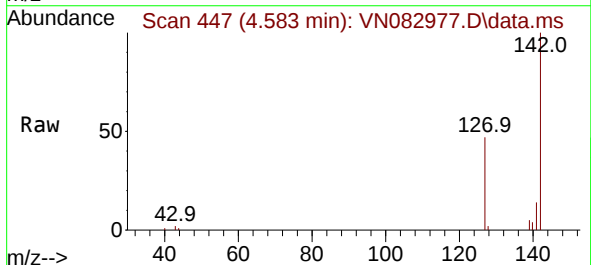
Manual Integrations
APPROVED

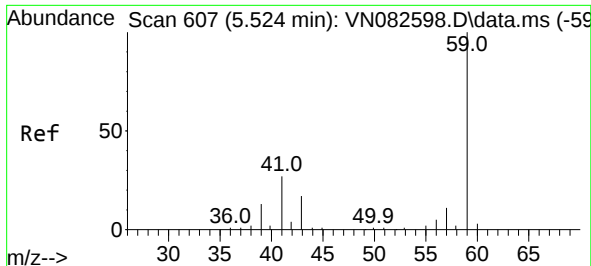
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#10
Methyl Iodide
Concen: 53.519 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

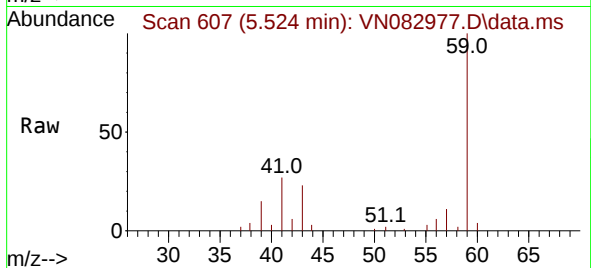
Tgt Ion:142 Resp: 51462
Ion Ratio Lower Upper
142 100
127 47.0 37.5 56.3
141 14.3 13.1 19.7





#11
Tert butyl alcohol
Concen: 218.011 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

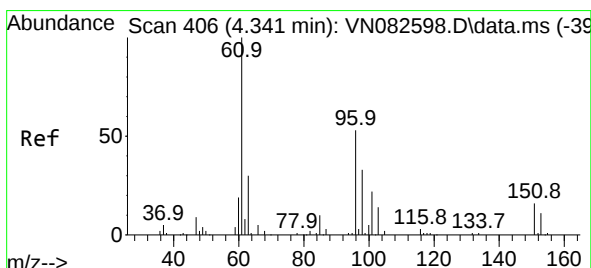
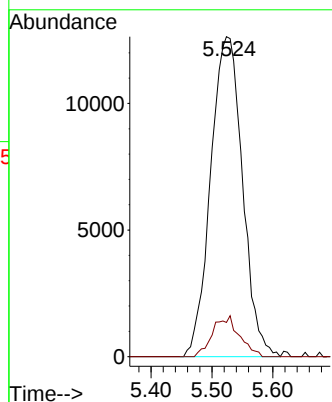
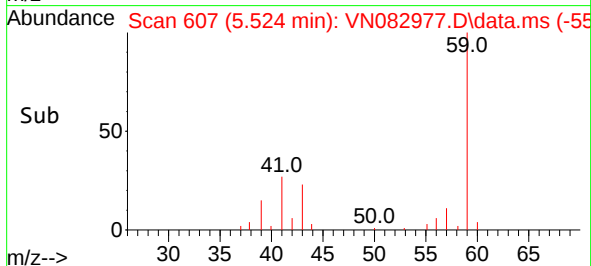
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



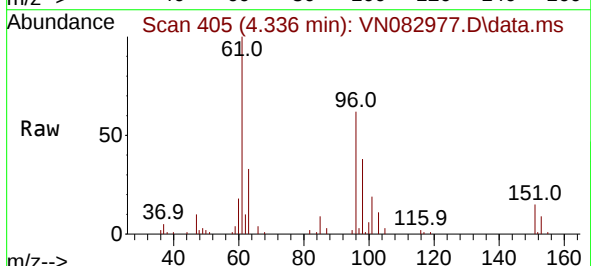
Tgt Ion: 59 Resp: 4592
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

Manual Integrations
APPROVED

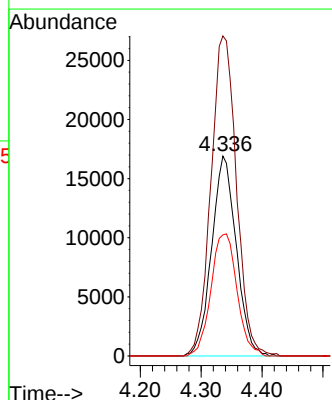
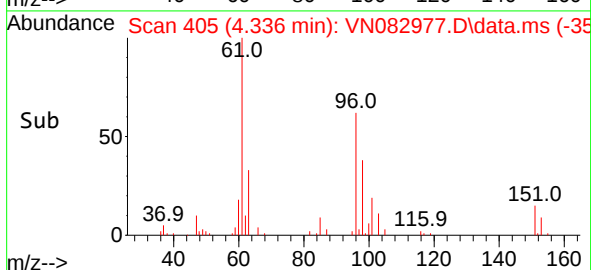
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

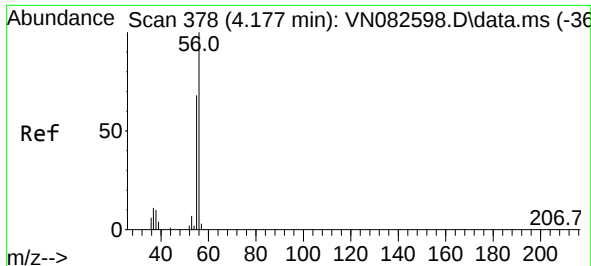


#12
1,1-Dichloroethene
Concen: 52.227 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



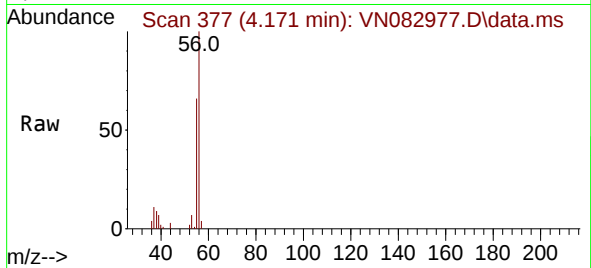
Tgt Ion: 96 Resp: 47637
Ion Ratio Lower Upper
96 100
61 160.1 149.7 224.5
98 60.6 50.1 75.1





#13
Acrolein
Concen: 239.339 ug/l
RT: 4.171 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

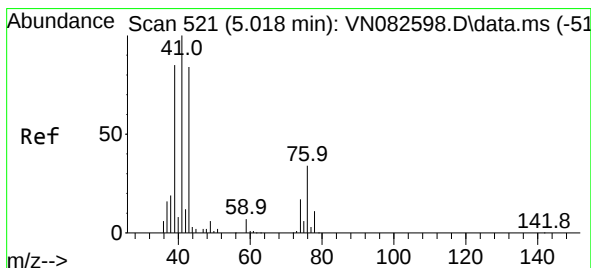
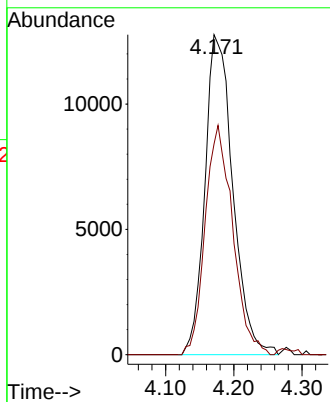
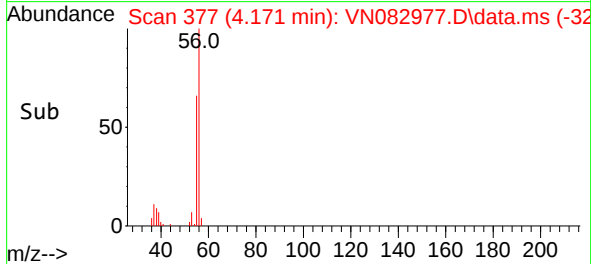
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 3640
Ion Ratio Lower Upper
56 100
55 70.9 56.4 84.6

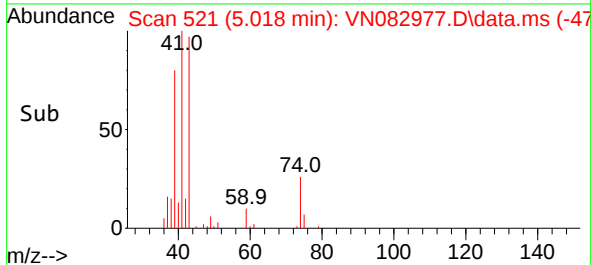
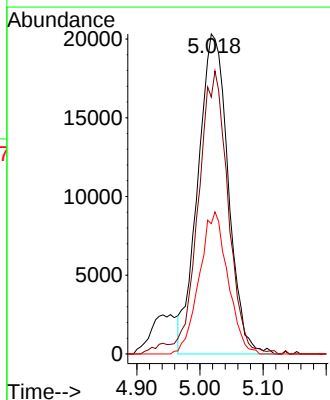
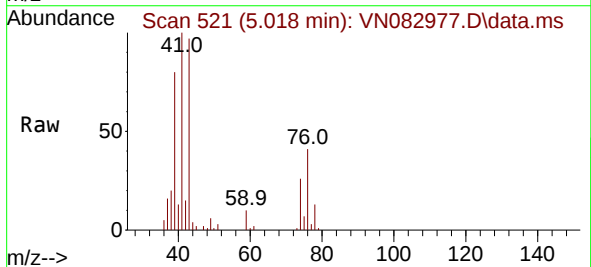
Manual Integrations
APPROVED

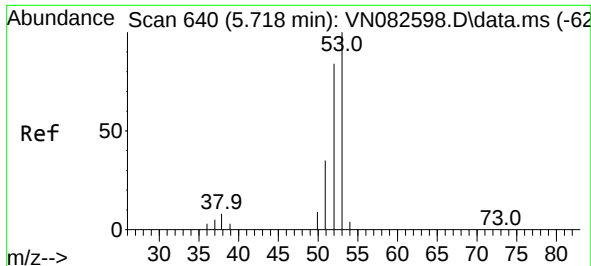
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#14
Allyl chloride
Concen: 47.645 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

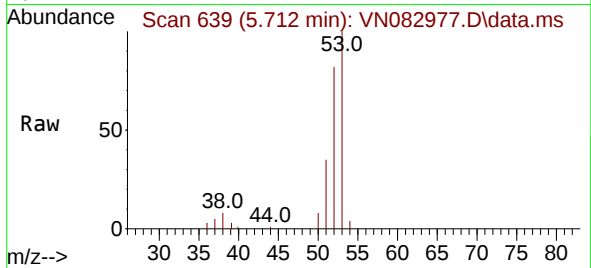
Tgt Ion: 41 Resp: 67759
Ion Ratio Lower Upper
41 100
39 85.9 67.8 101.6
76 41.8 25.8 38.8#





#15
Acrylonitrile
Concen: 266.134 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

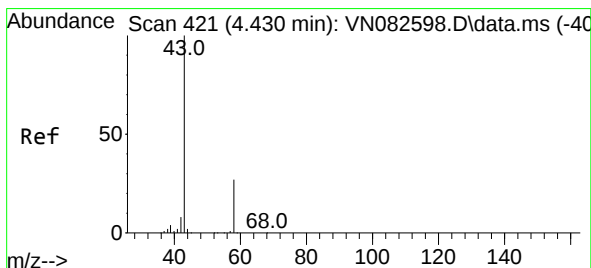
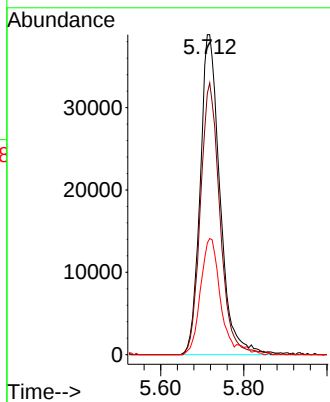
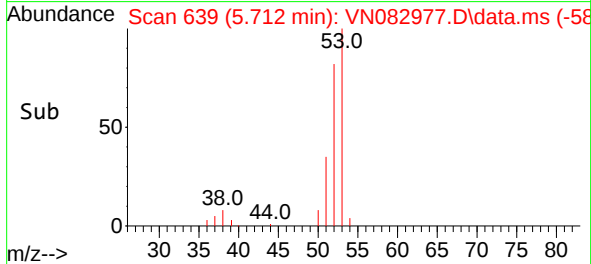
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 128840
Ion Ratio Lower Upper
53 100
52 83.4 66.6 100.0
51 37.2 30.1 45.1

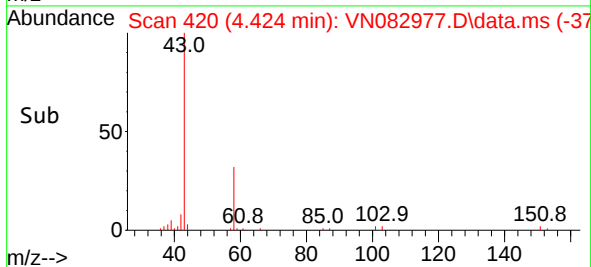
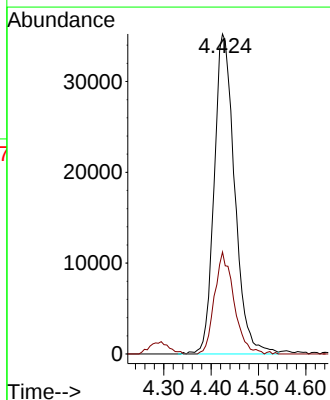
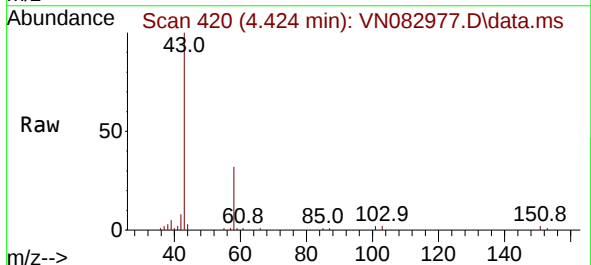
Manual Integrations
APPROVED

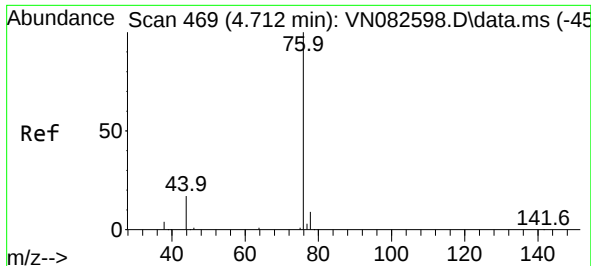
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#16
Acetone
Concen: 239.703 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion: 43 Resp: 105703
Ion Ratio Lower Upper
43 100
58 31.9 21.8 32.6





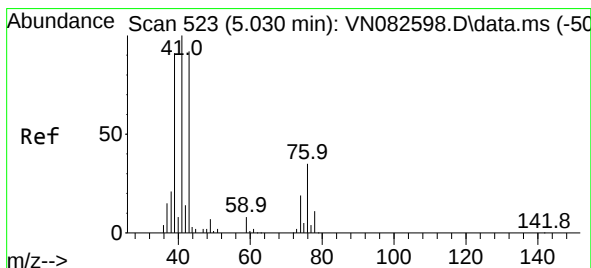
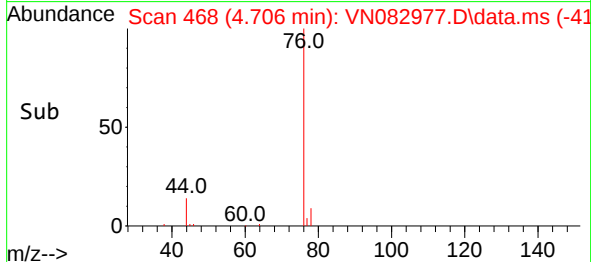
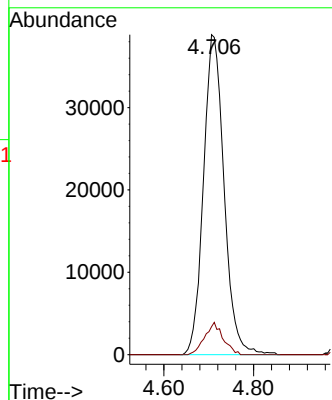
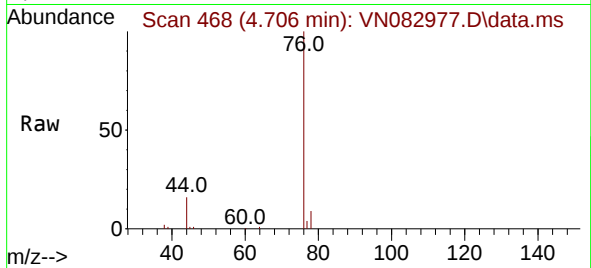
#17
Carbon Disulfide
Concen: 45.452 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 12388
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

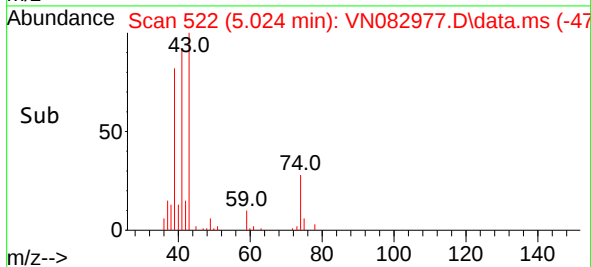
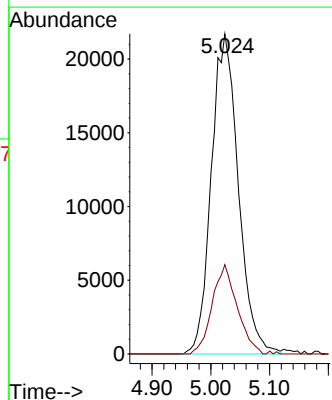
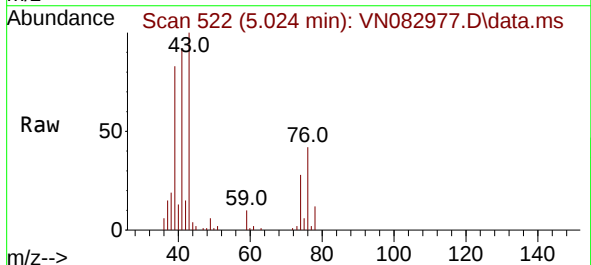
Manual Integrations
APPROVED

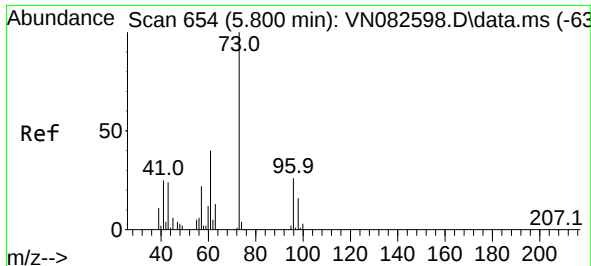
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#18
Methyl Acetate
Concen: 59.387 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

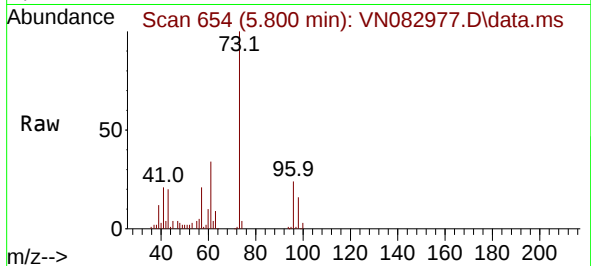
Tgt Ion: 43 Resp: 69296
Ion Ratio Lower Upper
43 100
74 25.8 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 54.370 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

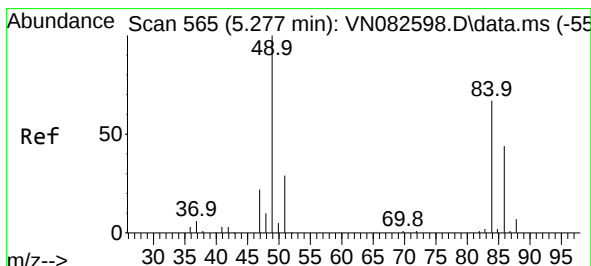
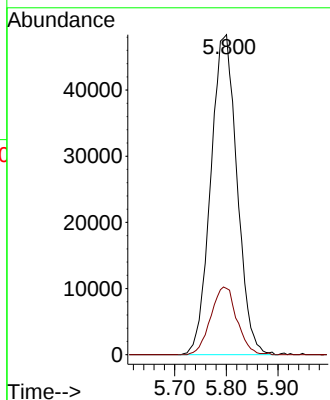
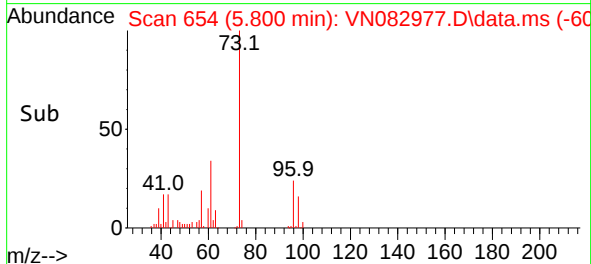
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 17106
Ion Ratio Lower Upper
73 100
57 20.7 17.9 26.9

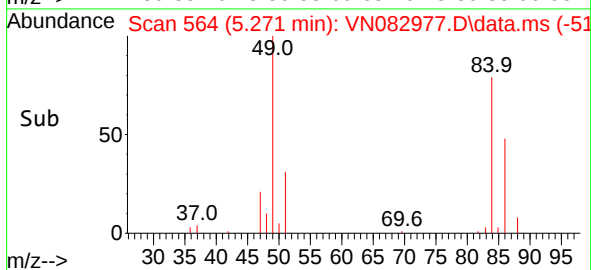
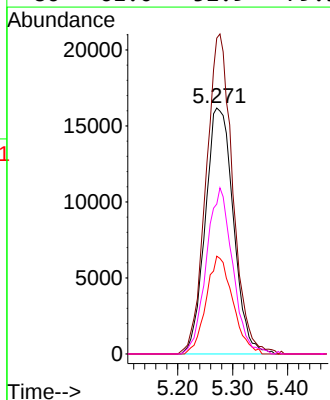
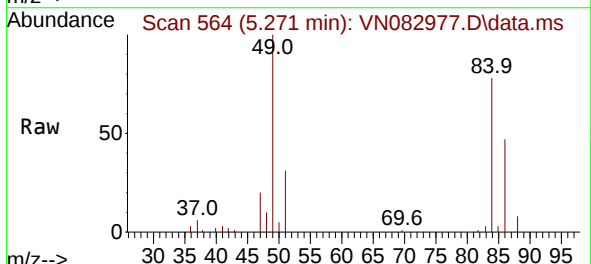
Manual Integrations
APPROVED

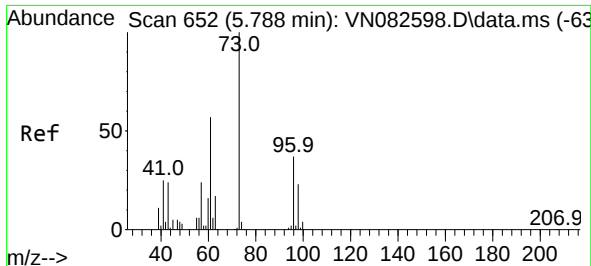
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#20
Methylene Chloride
Concen: 53.900 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

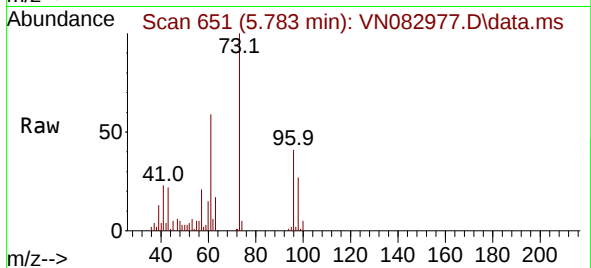
Tgt Ion: 84 Resp: 57401
Ion Ratio Lower Upper
84 100
49 128.5 119.6 179.4
51 39.8 34.8 52.2
86 61.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 52.536 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

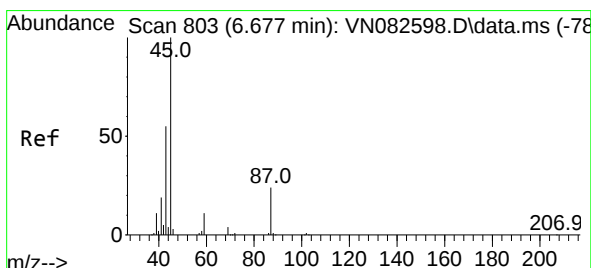
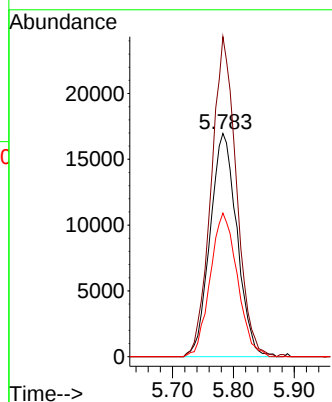
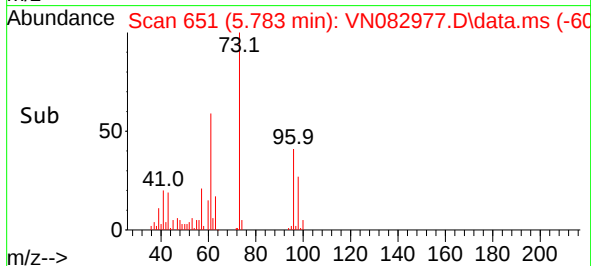
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5192
Ion Ratio Lower Upper
96 100
61 143.4 123.4 185.2
98 64.3 49.3 73.9

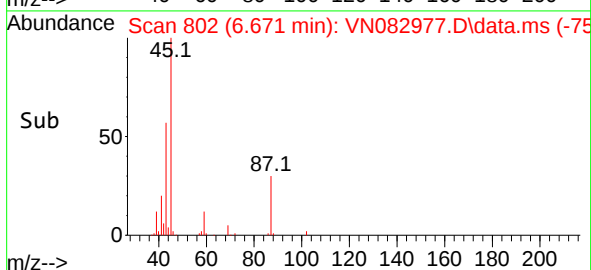
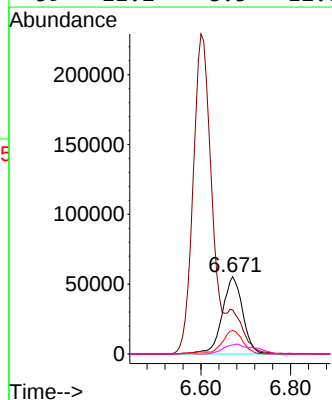
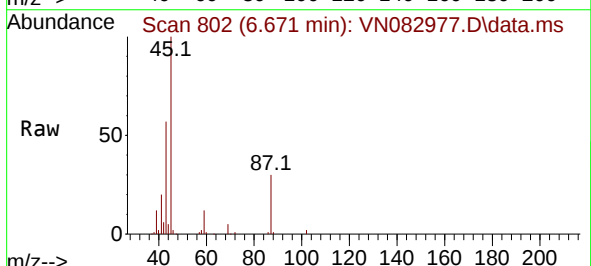
Manual Integrations
APPROVED

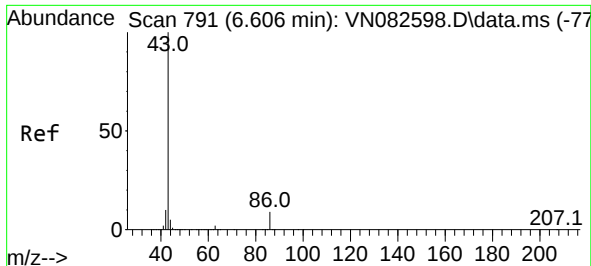
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#22
Diisopropyl ether
Concen: 58.828 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

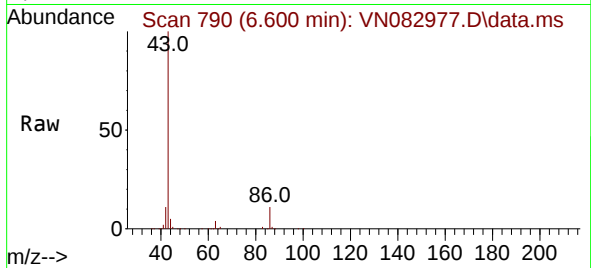
Tgt Ion: 45 Resp: 175032
Ion Ratio Lower Upper
45 100
43 56.0 44.0 66.0
87 30.2 19.7 29.5#
59 11.2 8.5 12.7





#23
 Vinyl Acetate
 Concen: 275.589 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN082977.D
 Acq: 18 Jul 2024 16:45

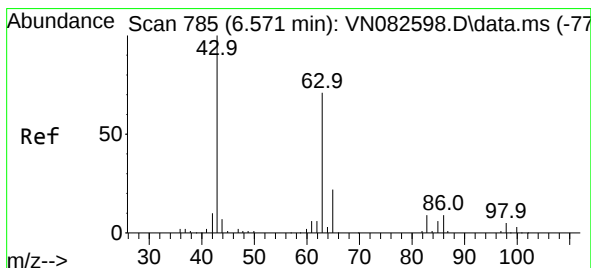
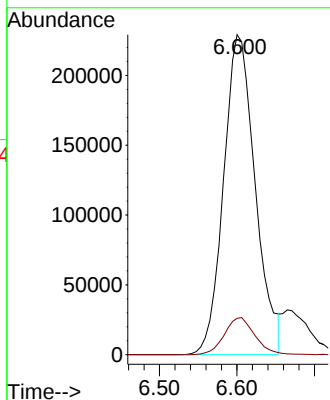
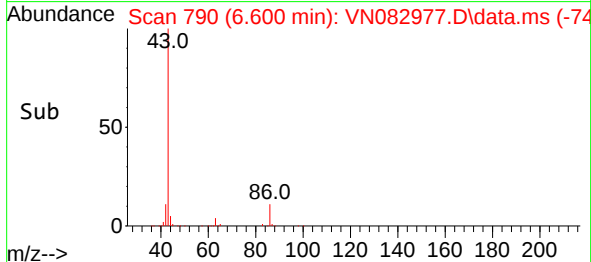
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 651160
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.3 10.9

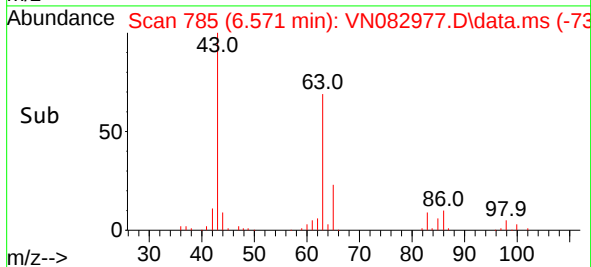
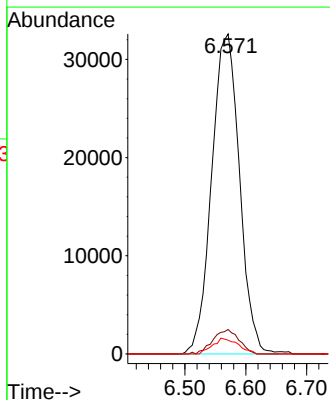
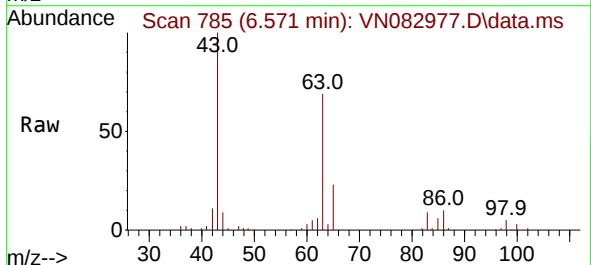
Manual Integrations
 APPROVED

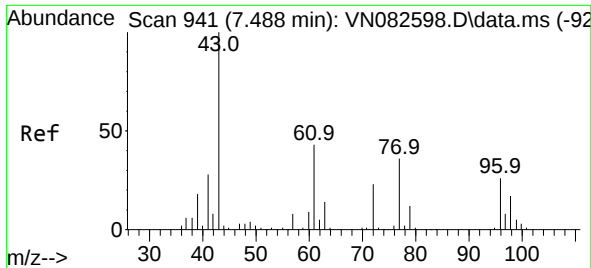
Reviewed By :John Carlone 07/19/2024
 Supervised By :Semsettin Yesilyurt 07/19/2024



#24
 1,1-Dichloroethane
 Concen: 57.344 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082977.D
 Acq: 18 Jul 2024 16:45

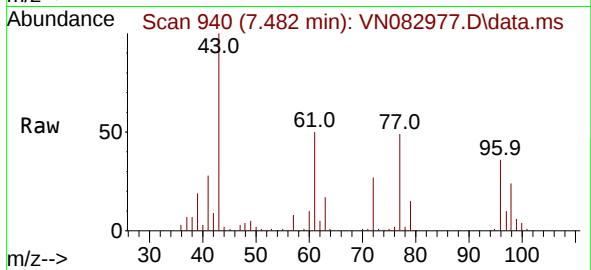
Tgt Ion: 63 Resp: 103491
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 258.557 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

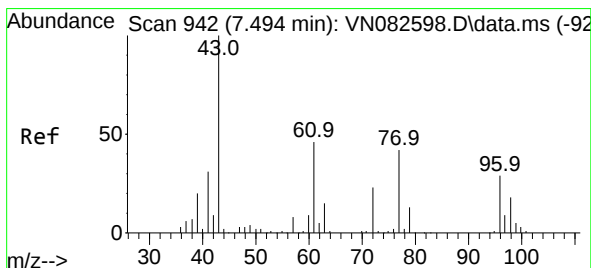
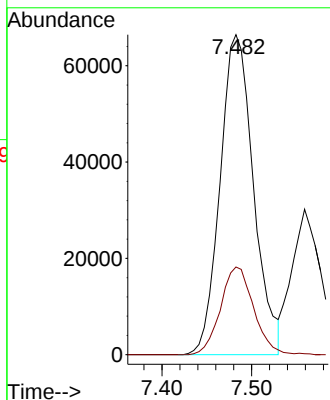
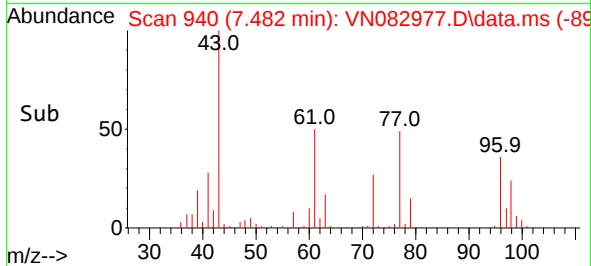
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



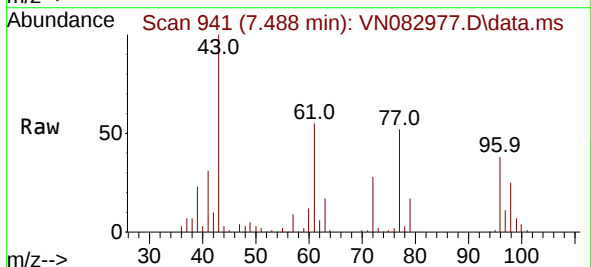
Tgt Ion: 43 Resp: 172160
Ion Ratio Lower Upper
43 100
72 27.4 18.2 27.2

Manual Integrations
APPROVED

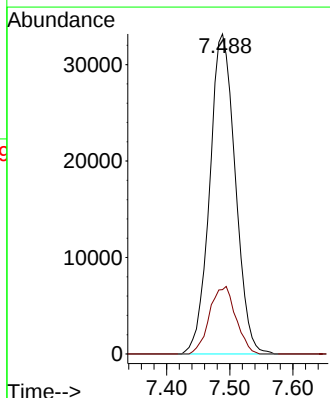
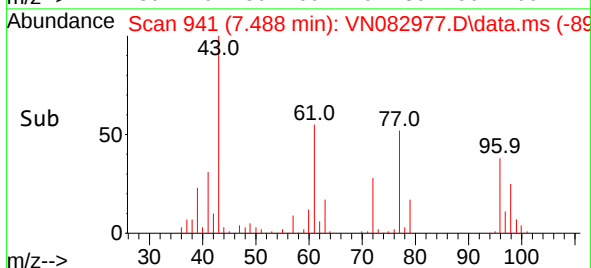
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

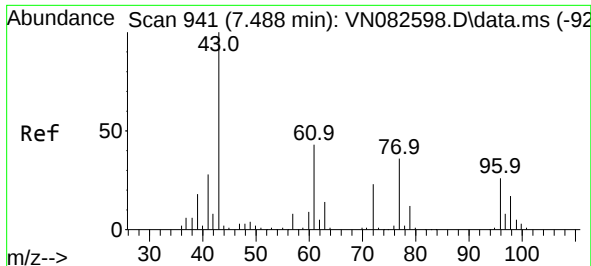


#26
2,2-Dichloropropane
Concen: 55.637 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



Tgt Ion: 77 Resp: 93359
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9





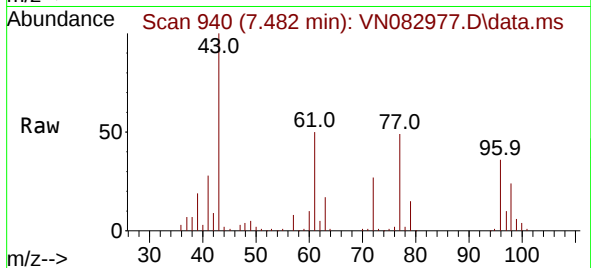
#27
cis-1,2-Dichloroethene
Concen: 55.765 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



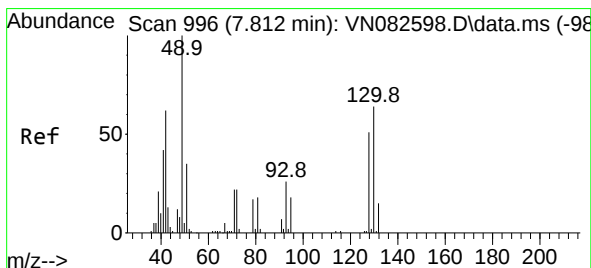
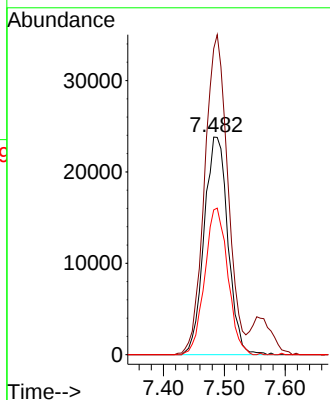
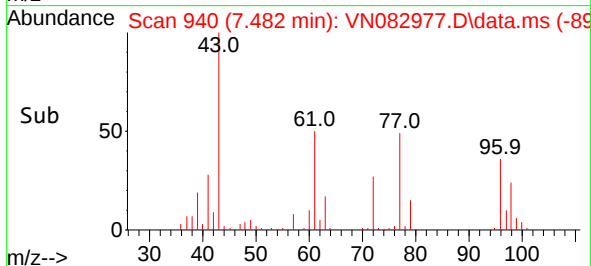
Tgt Ion: 96 Resp: 6452
Ion Ratio Lower Upper
96 100
61 143.6 0.0 329.6
98 65.3 0.0 128.6

Manual Integrations

APPROVED

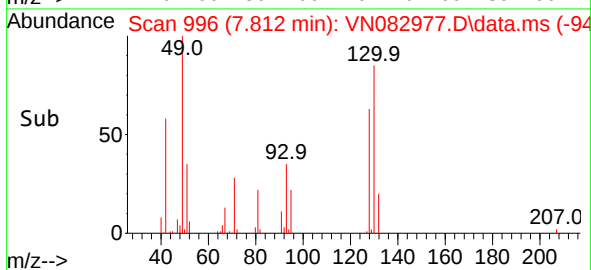
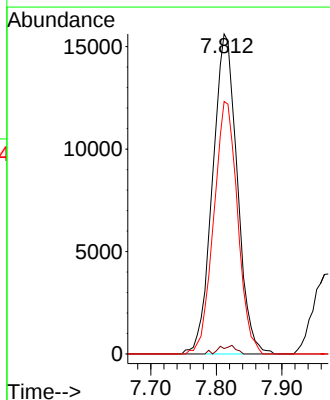
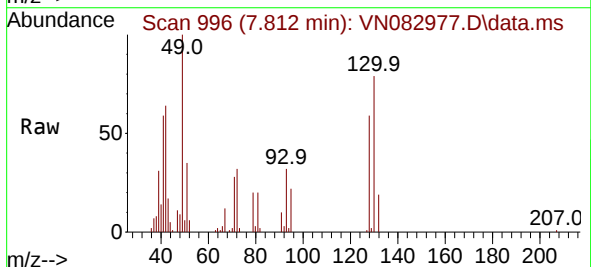
Reviewed By :John Carlone 07/19/2024

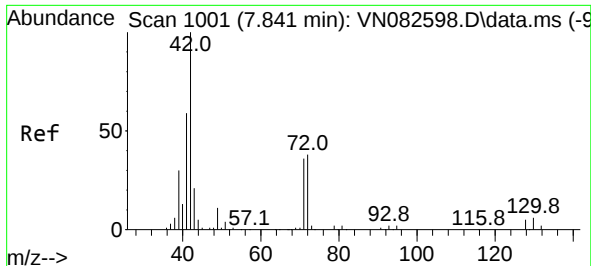
Supervised By :Semsettin Yesilyurt 07/19/2024



#28
Bromochloromethane
Concen: 52.677 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

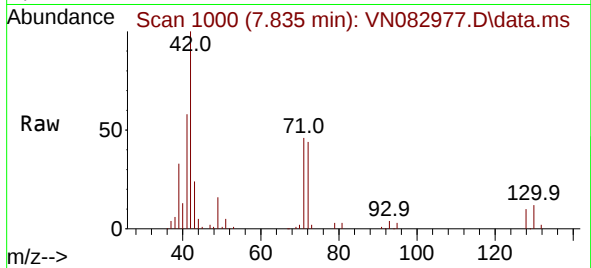
Tgt Ion: 49 Resp: 40784
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 76.1 50.5 75.7#





#29
Tetrahydrofuran
Concen: 269.137 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

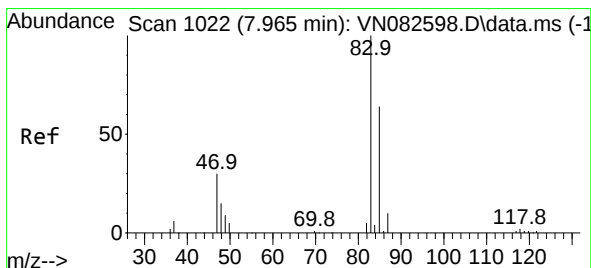
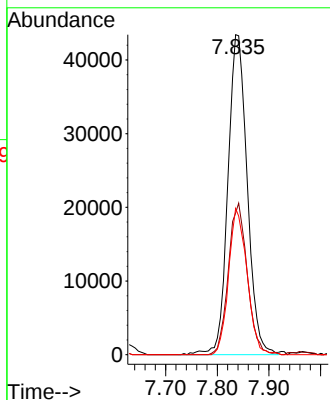
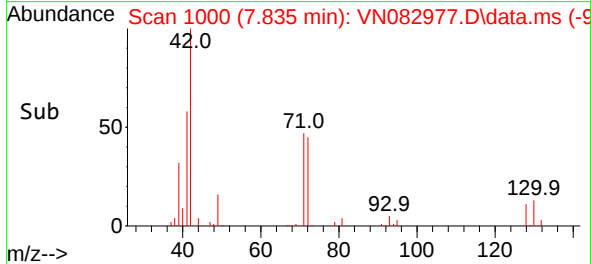
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 112819
Ion Ratio Lower Upper
42 100
72 46.4 30.0 45.0
71 43.7 28.3 42.5

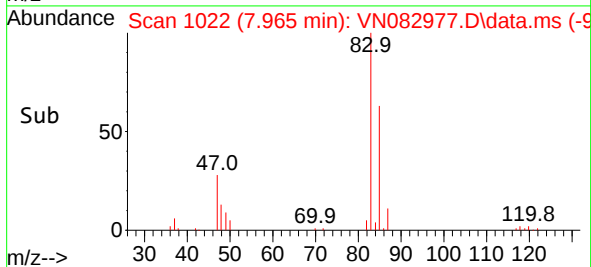
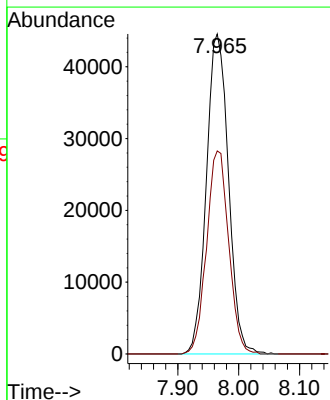
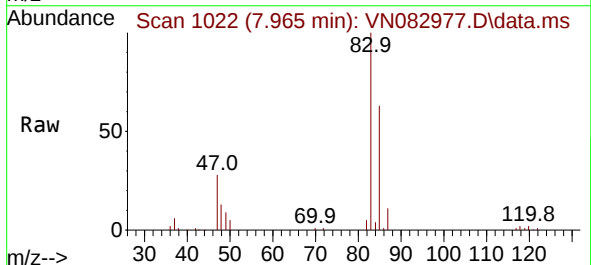
Manual Integrations
APPROVED

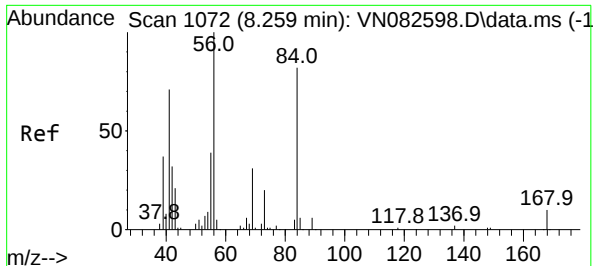
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#30
Chloroform
Concen: 58.504 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

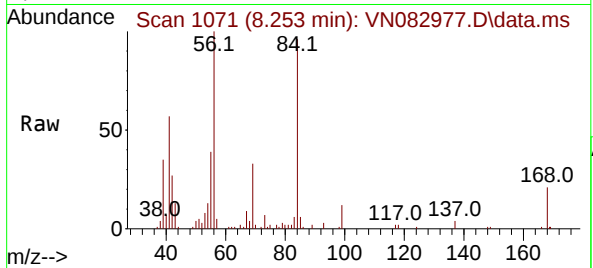
Tgt Ion: 83 Resp: 112013
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3





#31
Cyclohexane
Concen: 47.122 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

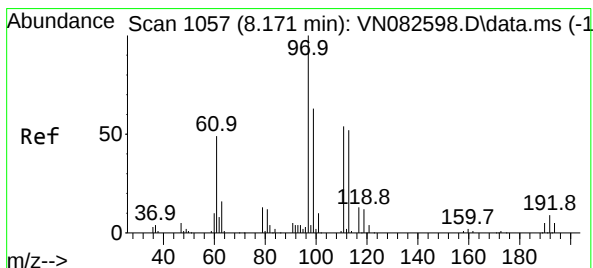
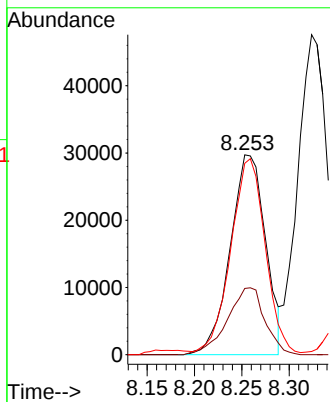
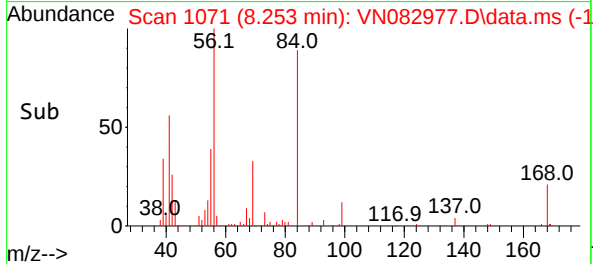
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



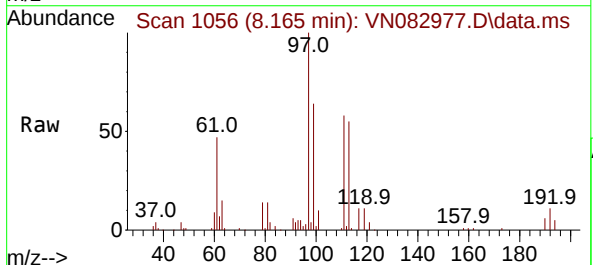
Tgt Ion: 56 Resp: 77162
Ion Ratio Lower Upper
56 100
69 33.1 24.5 36.7
84 93.5 66.0 99.0

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APPROVED

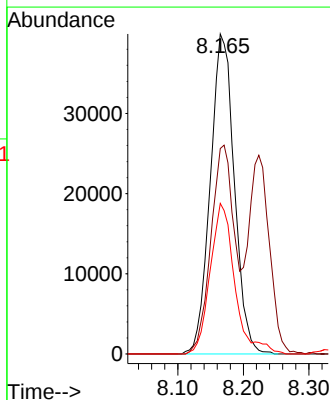
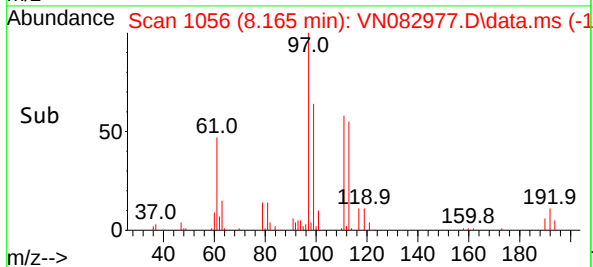
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

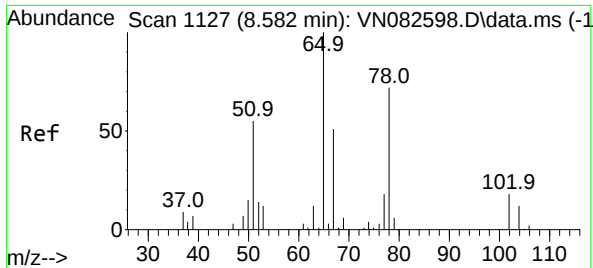


#32
1,1,1-Trichloroethane
Concen: 57.048 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



Tgt Ion: 97 Resp: 101410
Ion Ratio Lower Upper
97 100
99 62.8 52.0 78.0
61 48.1 42.1 63.1





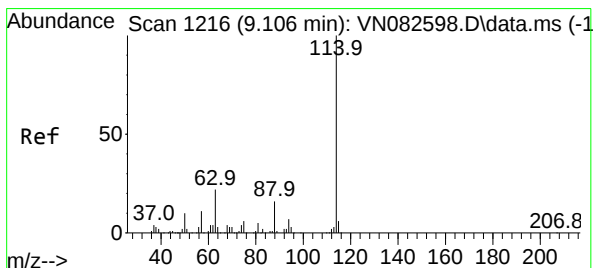
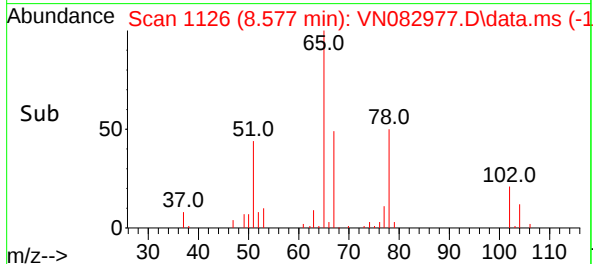
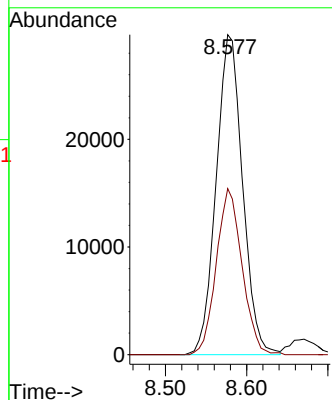
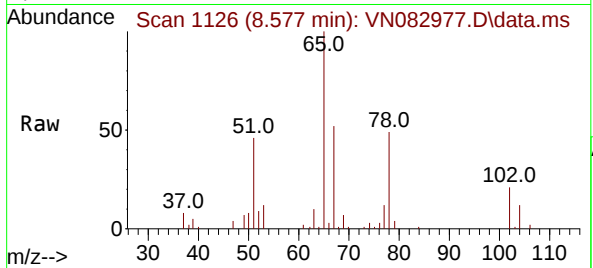
#33
1,2-Dichloroethane-d4
Concen: 53.632 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 6717
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

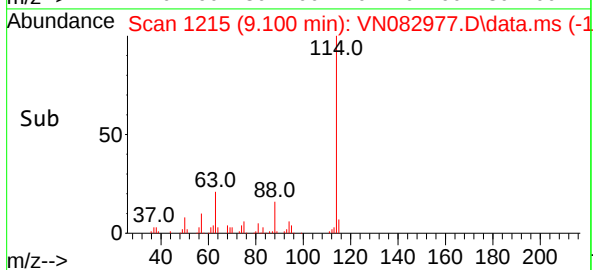
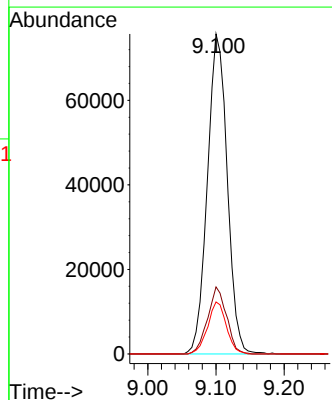
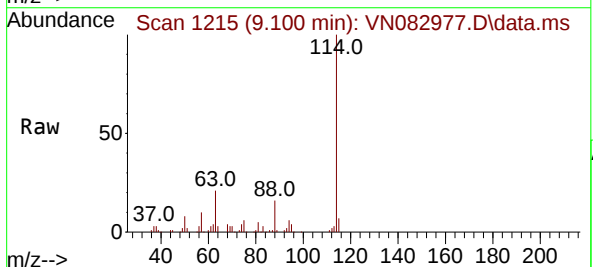
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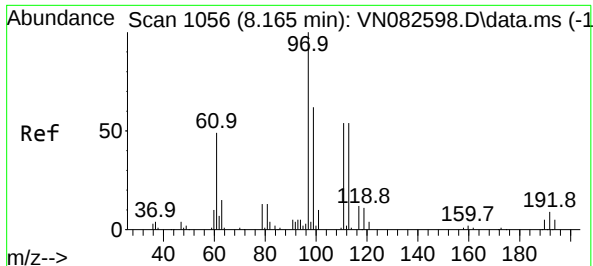
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion:114 Resp: 153629
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.6
88 16.2 0.0 31.4





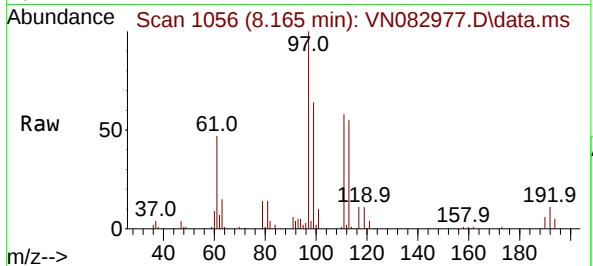
#35
Dibromofluoromethane
Concen: 53.440 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



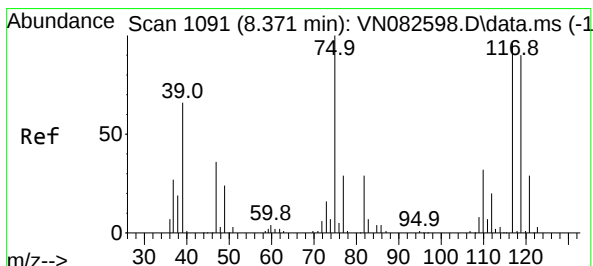
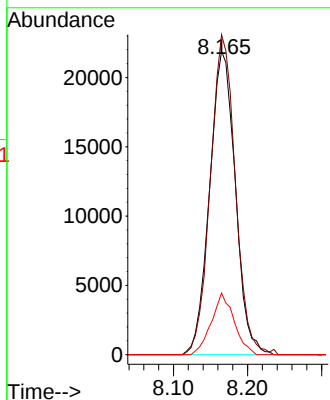
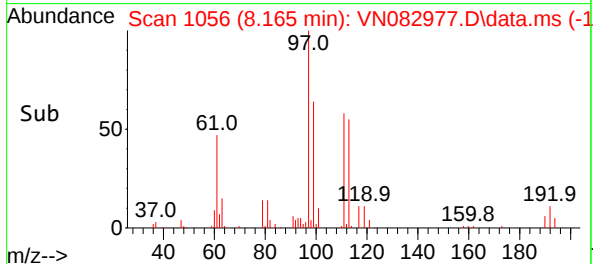
Tgt Ion:113 Resp: 5268
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.0 14.9 22.3

Manual Integrations

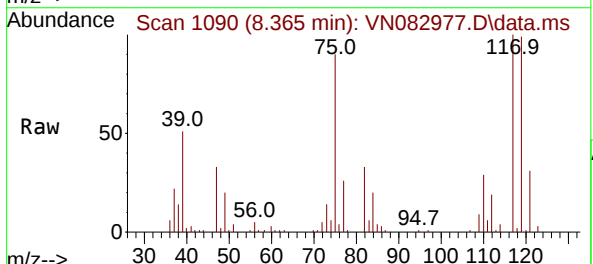
APPROVED

Reviewed By :John Carlone 07/19/2024

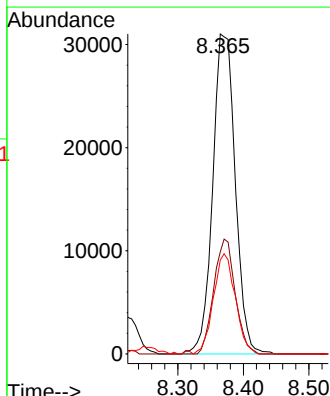
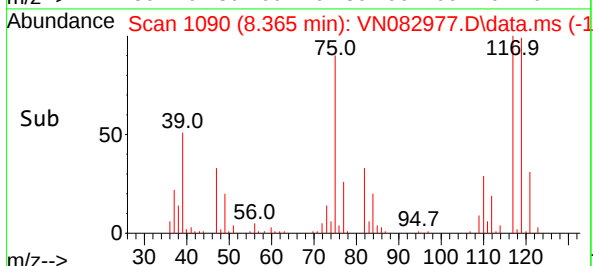
Supervised By :Semsettin Yesilyurt 07/19/2024

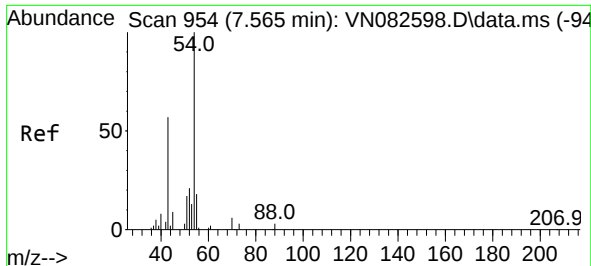


#36
1,1-Dichloropropene
Concen: 54.484 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



Tgt Ion: 75 Resp: 74053
Ion Ratio Lower Upper
75 100
110 34.0 16.3 48.9
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 50.026 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082977.D

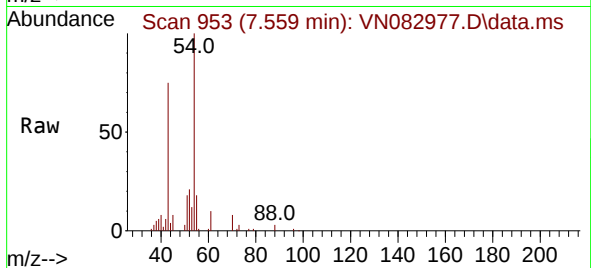
Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 69224

Ion Ratio Lower Upper

43 100

61 14.2 9.3 13.9

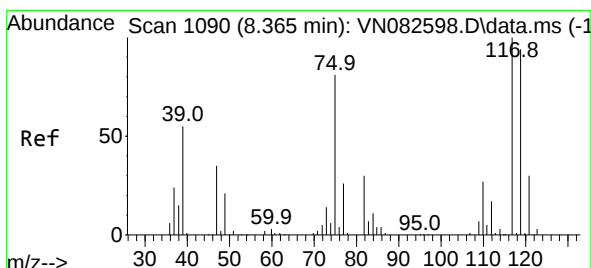
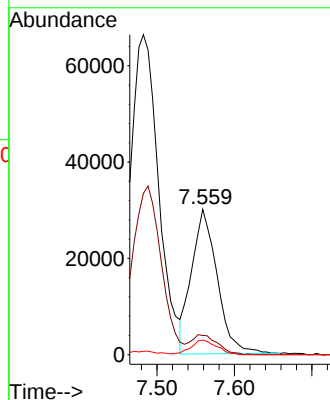
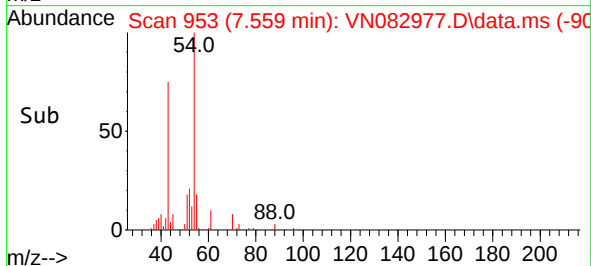
70 10.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Semsettin Yesilyurt 07/19/2024



#38

Carbon Tetrachloride

Concen: 52.948 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

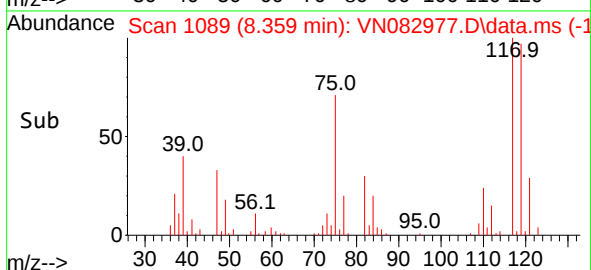
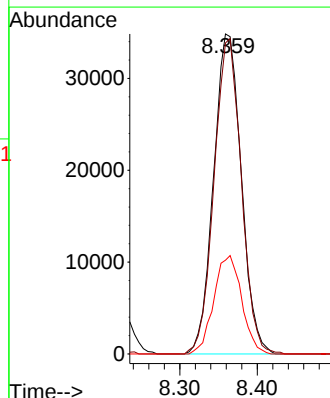
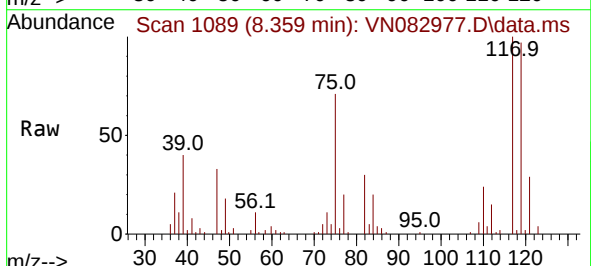
Tgt Ion:117 Resp: 86647

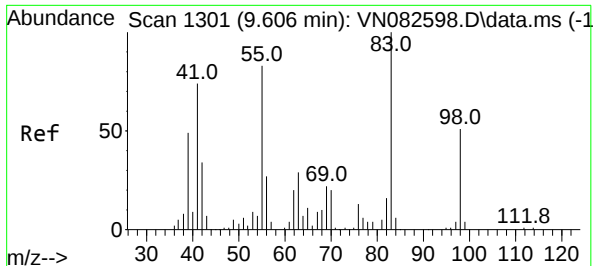
Ion Ratio Lower Upper

117 100

119 97.2 74.9 112.3

121 29.3 24.3 36.5





#39
Methylcyclohexane
Concen: 50.481 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

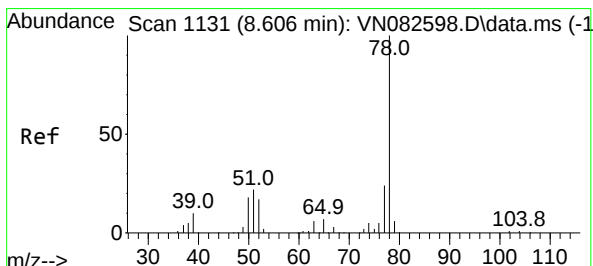
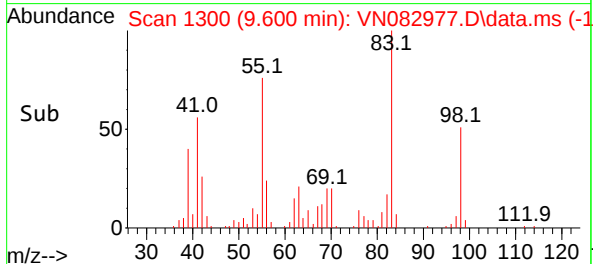
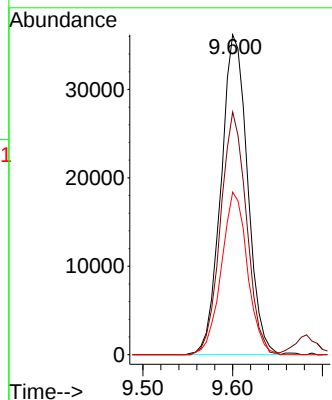
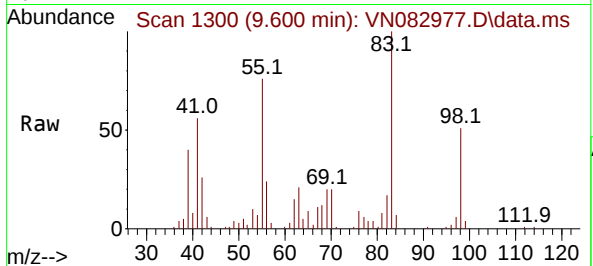
Tgt Ion: 83 Resp: 7411
Ion Ratio Lower Upper
83 100
55 75.9 66.4 99.6
98 50.8 40.7 61.1

Manual Integrations

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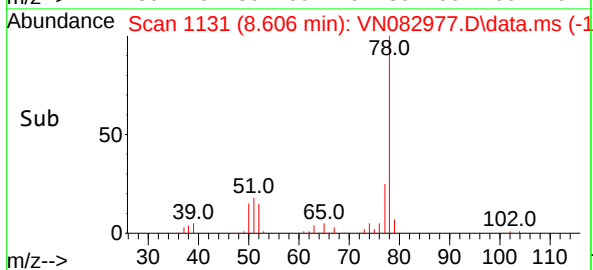
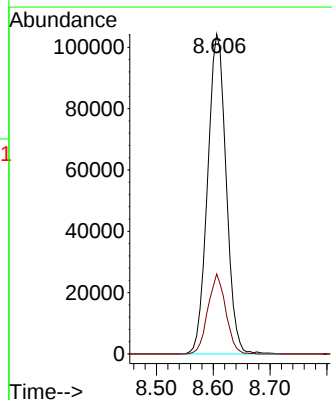
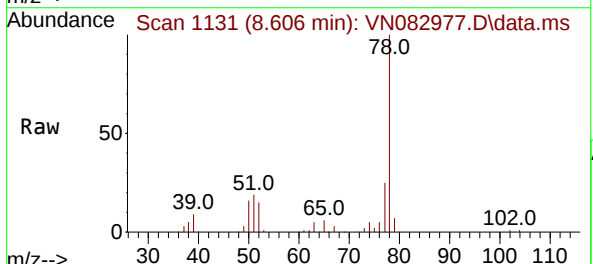
Reviewed By :John Carlone 07/19/2024

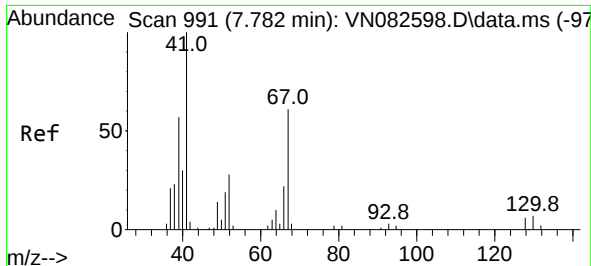
Supervised By :Semsettin Yesilyurt 07/19/2024



#40
Benzene
Concen: 56.527 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

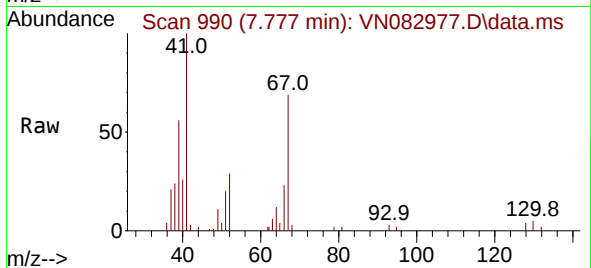
Tgt Ion: 78 Resp: 236328
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4





#41
Methacrylonitrile
Concen: 53.579 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

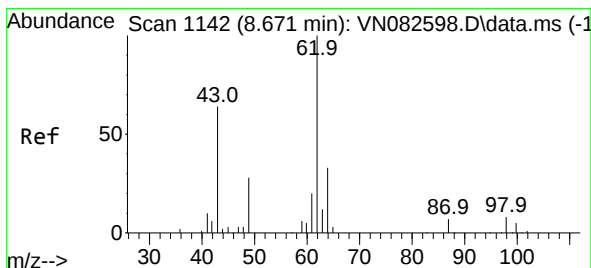
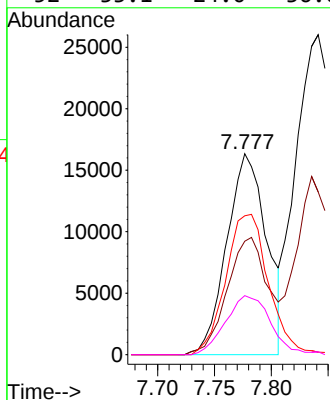
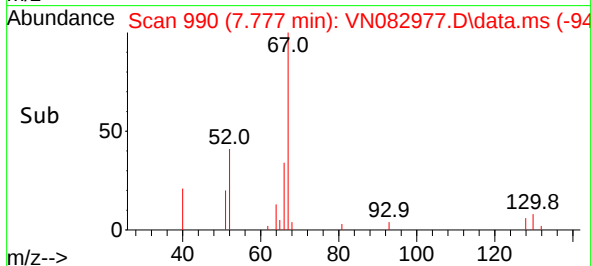
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3994
Ion Ratio Lower Upper
41 100
39 59.6 45.5 68.3
67 74.8 50.5 75.7
52 33.1 24.0 36.0

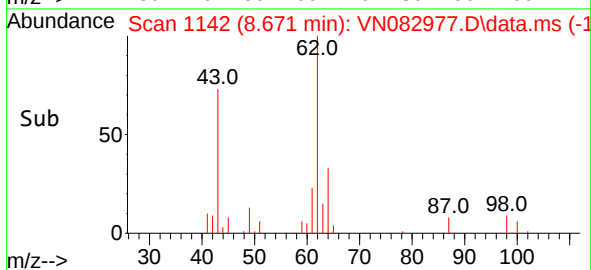
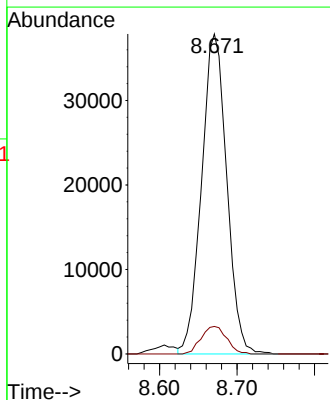
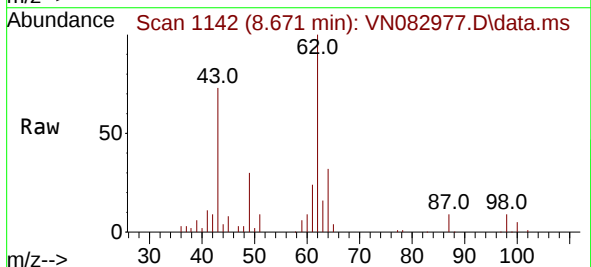
Manual Integrations
APPROVED

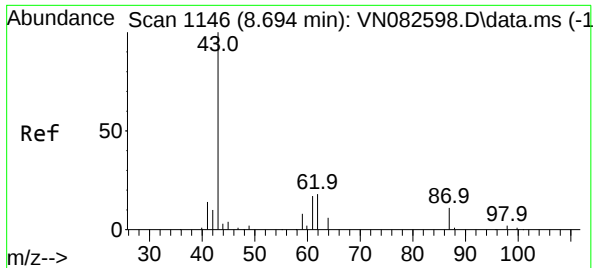
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#42
1,2-Dichloroethane
Concen: 56.769 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

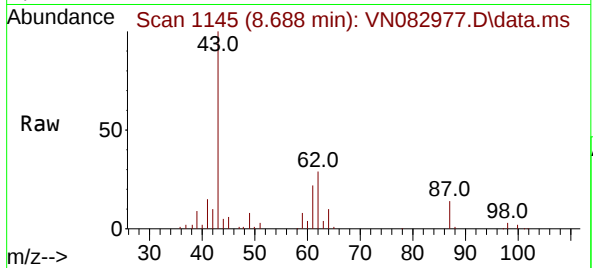
Tgt Ion: 62 Resp: 85443
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 54.331 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

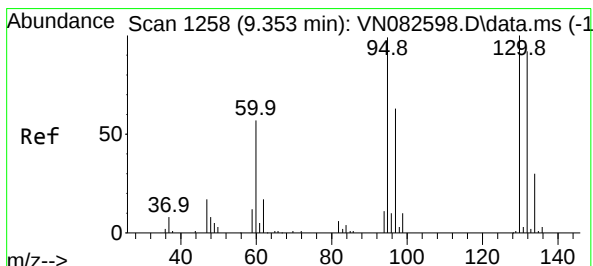
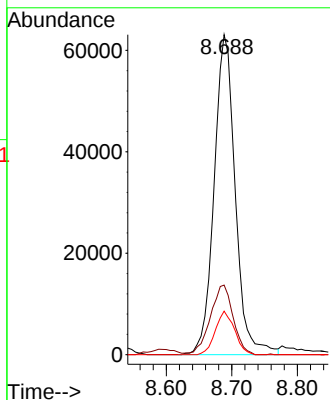
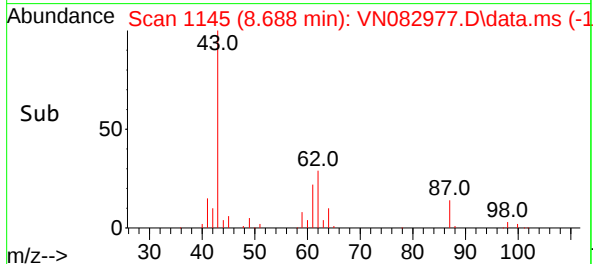
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



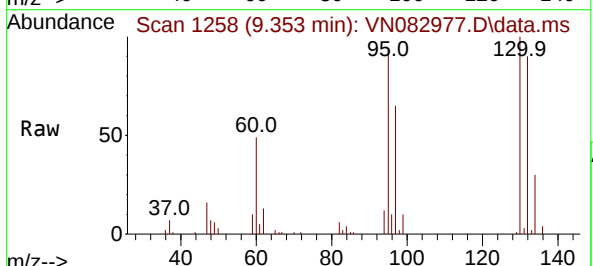
Tgt Ion: 43 Resp: 14108
Ion Ratio Lower Upper
43 100
61 23.4 17.8 26.6
87 12.3 8.2 12.2

Manual Integrations
APPROVED

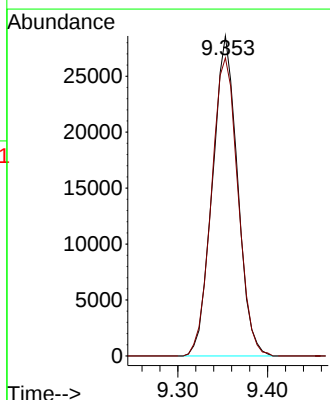
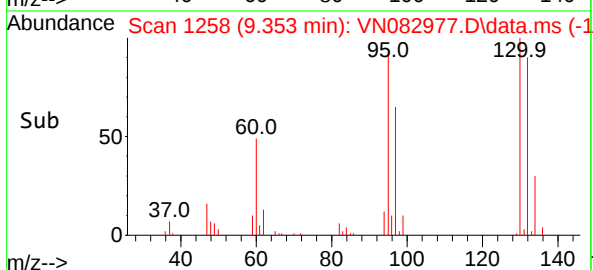
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

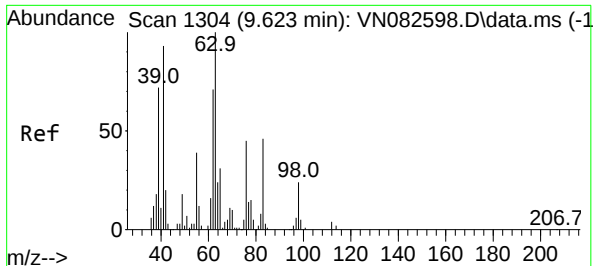


#44
Trichloroethene
Concen: 51.766 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



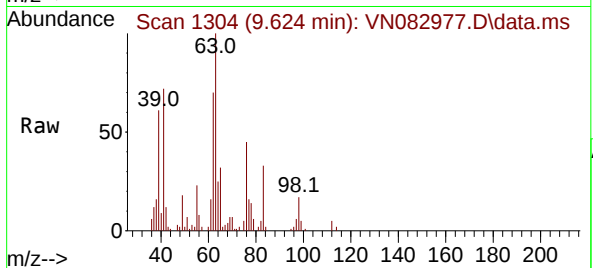
Tgt Ion:130 Resp: 55447
Ion Ratio Lower Upper
130 100
95 93.1 0.0 197.8





#45
1,2-Dichloropropane
Concen: 60.727 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

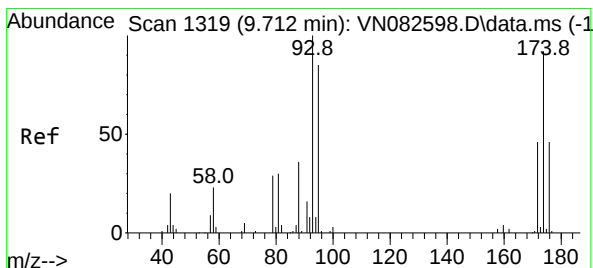
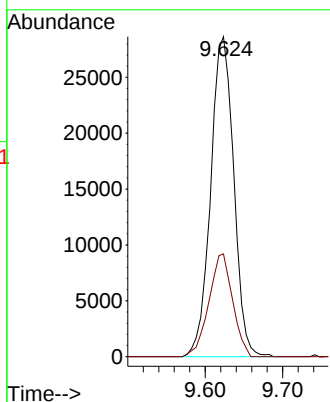
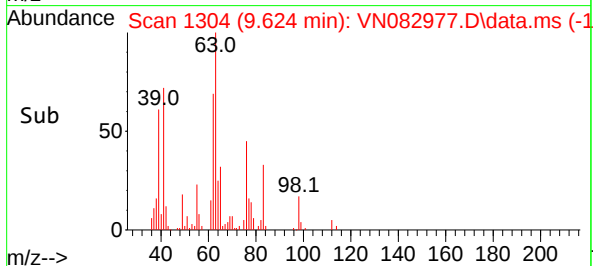
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 5927
Ion Ratio Lower Upper
63 100
65 32.1 24.4 36.6

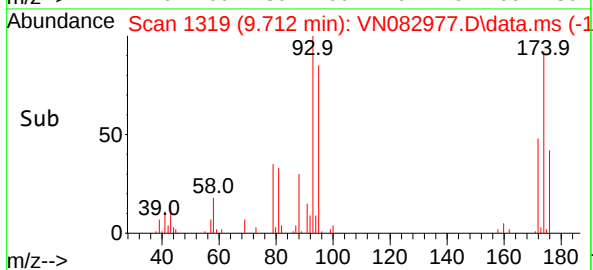
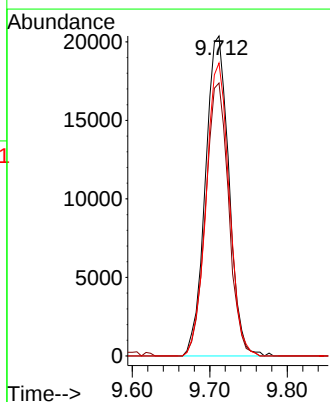
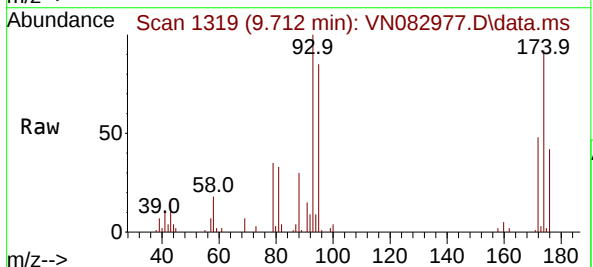
Manual Integrations
APPROVED

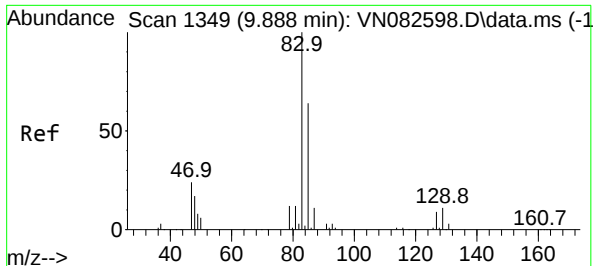
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#46
Dibromomethane
Concen: 56.496 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion: 93 Resp: 42960
Ion Ratio Lower Upper
93 100
95 83.5 65.8 98.6
174 89.7 71.7 107.5





#47
Bromodichloromethane
Concen: 58.768 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

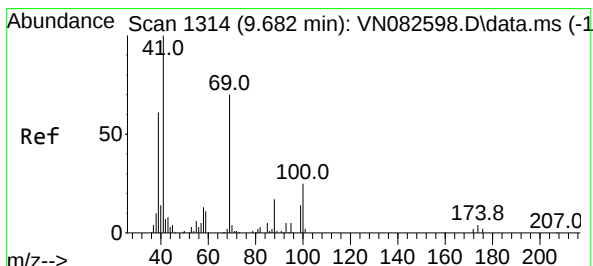
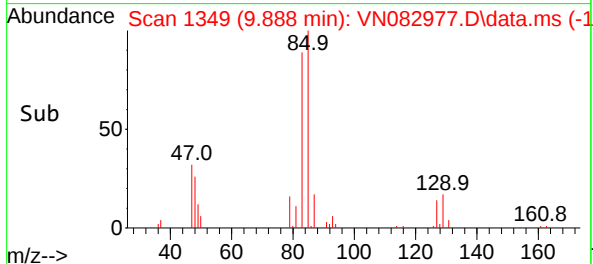
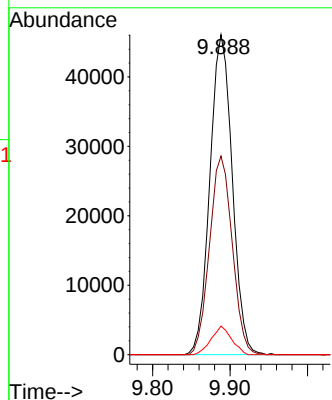
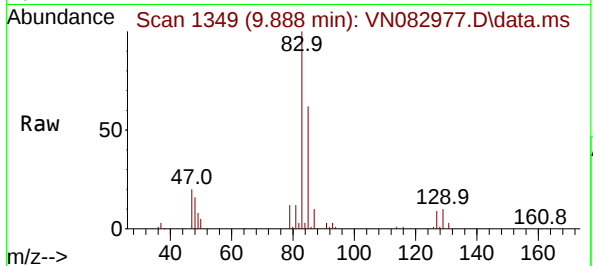
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 92334
Ion Ratio Lower Upper
83 100
85 62.1 51.1 76.7
127 8.9 7.2 10.8

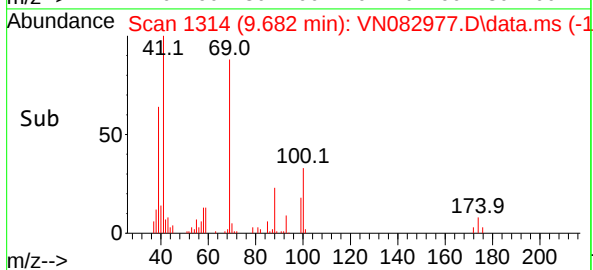
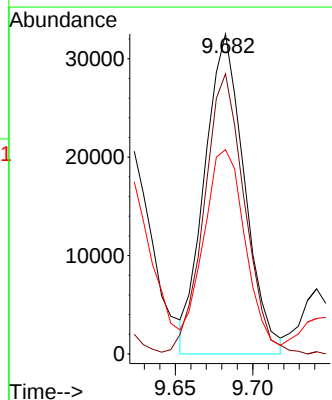
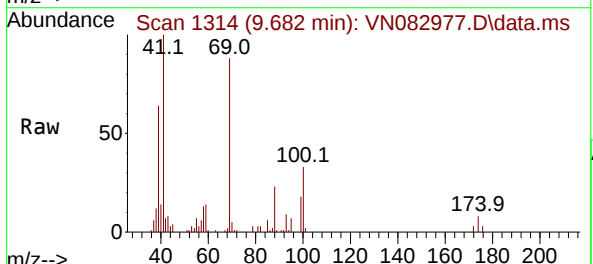
Manual Integrations
APPROVED

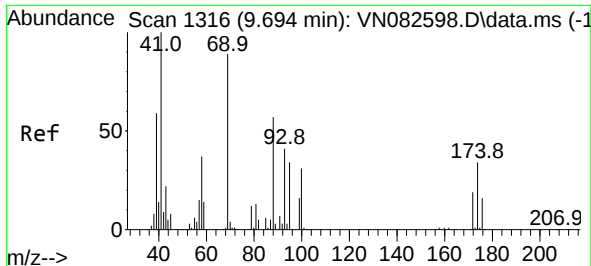
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#48
Methyl methacrylate
Concen: 53.587 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion: 41 Resp: 58142
Ion Ratio Lower Upper
41 100
69 88.5 56.3 84.5#
39 67.5 50.3 75.5





#49

1,4-Dioxane

Concen: 993.769 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

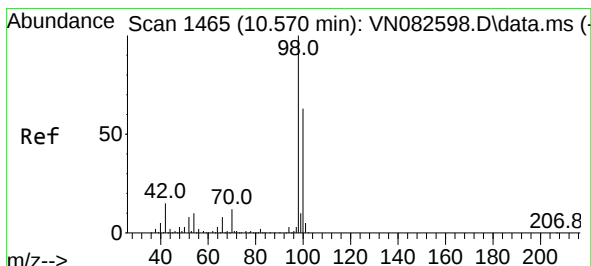
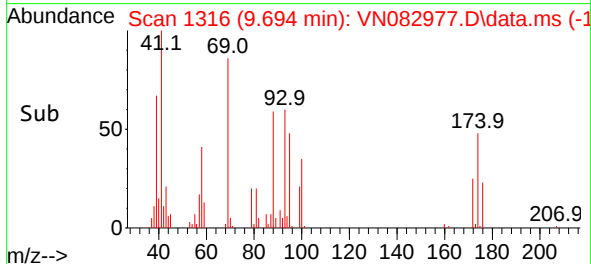
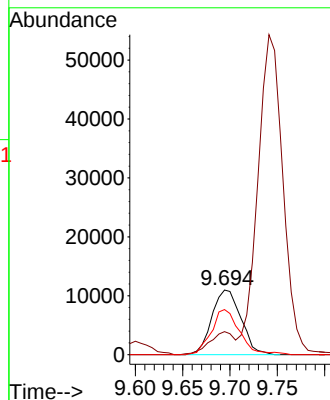
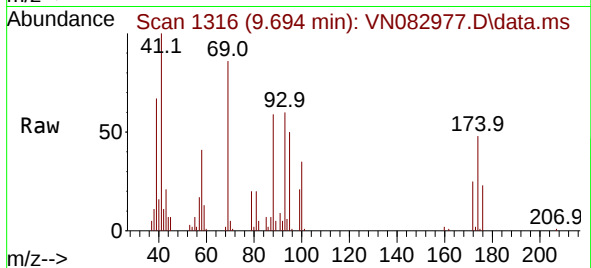
Tgt Ion:	88	Resp:	23458
Ion Ratio	Lower	Upper	
88	100		
43	30.1	27.8	41.8
58	68.0	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Semsettin Yesilyurt 07/19/2024



#50

Toluene-d8

Concen: 54.087 ug/l

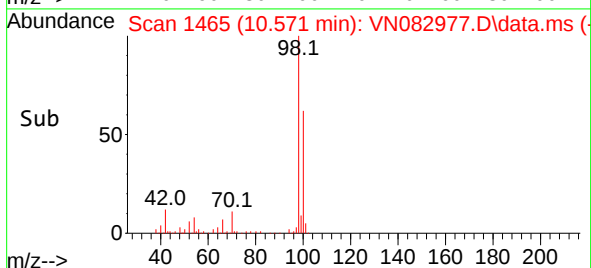
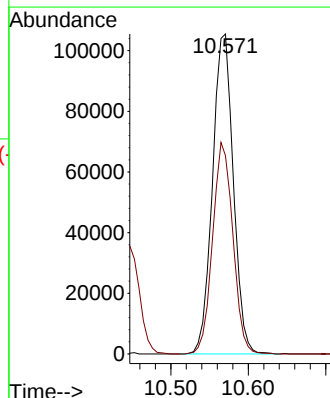
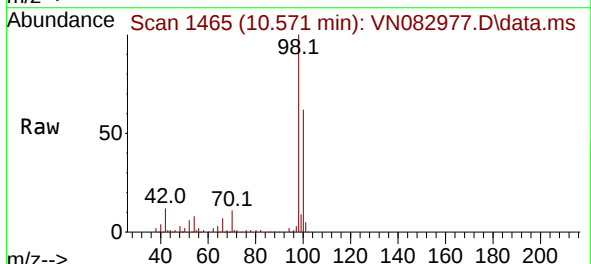
RT: 10.571 min Scan# 1465

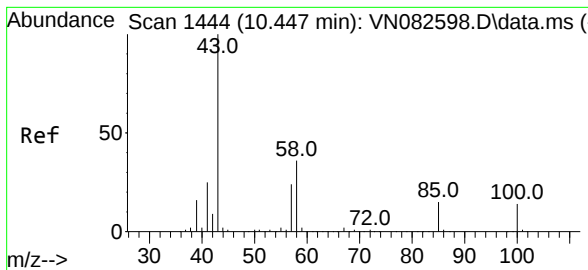
Delta R.T. 0.001 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Tgt Ion:	98	Resp:	196933
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.5	77.3





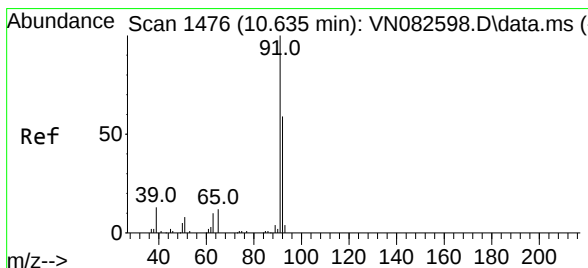
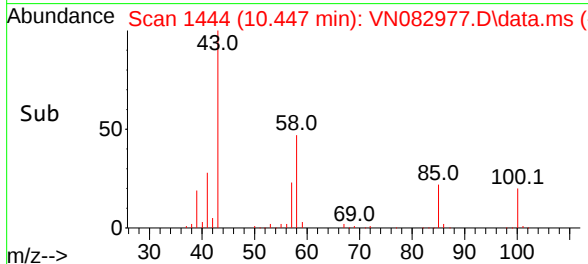
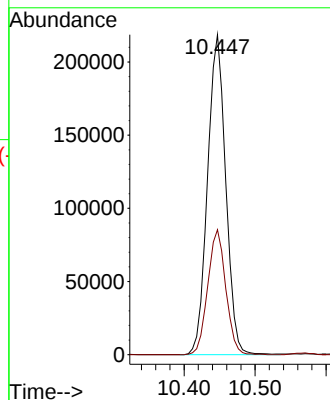
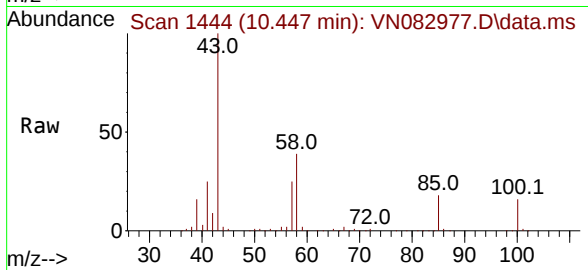
#51
4-Methyl-2-Pentanone
Concen: 283.807 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 389332
Ion Ratio Lower Upper
43 100
58 38.7 28.2 42.4

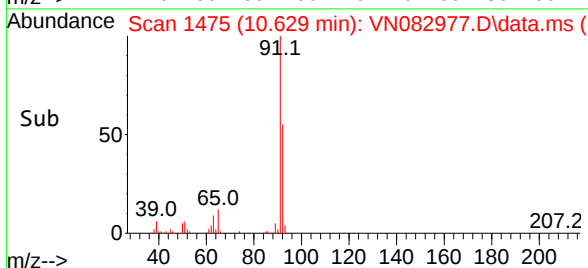
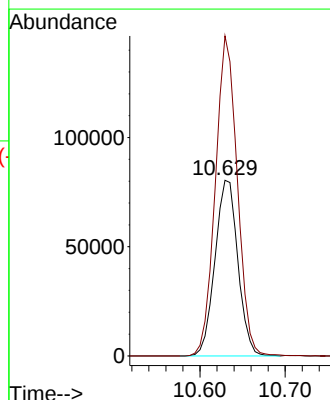
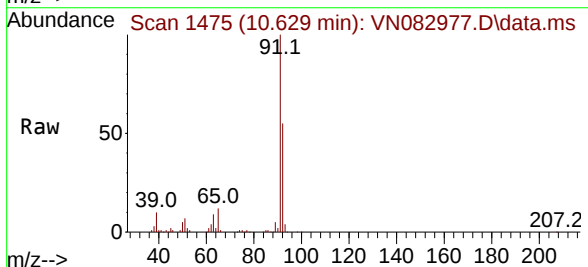
Manual Integrations
APPROVED

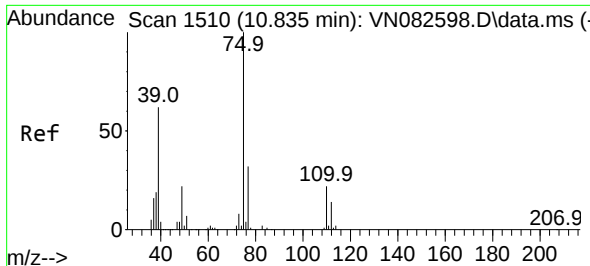
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#52
Toluene
Concen: 57.595 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

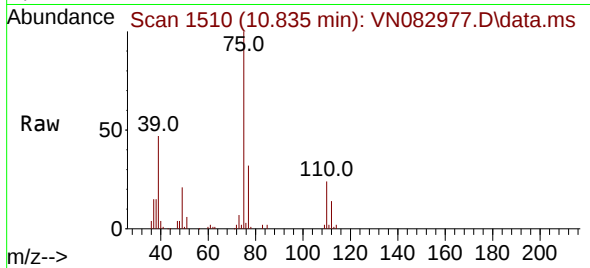
Tgt Ion: 92 Resp: 150418
Ion Ratio Lower Upper
92 100
91 174.7 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 57.149 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

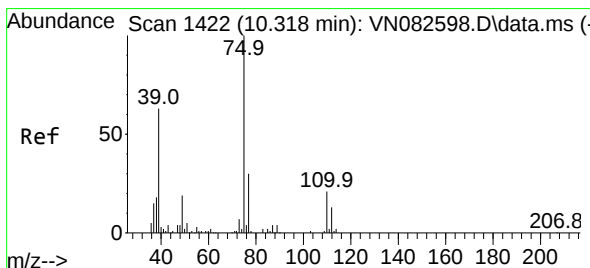
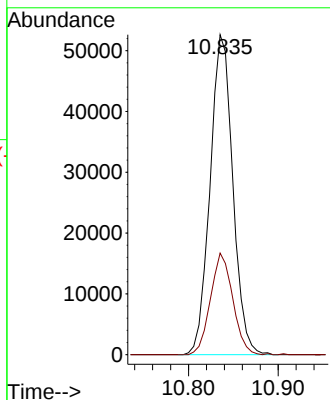
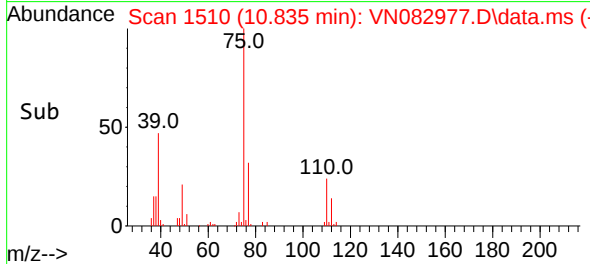
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



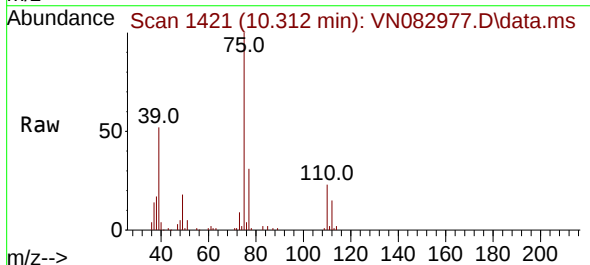
Tgt Ion: 75 Resp: 92500
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5

Manual Integrations
APPROVED

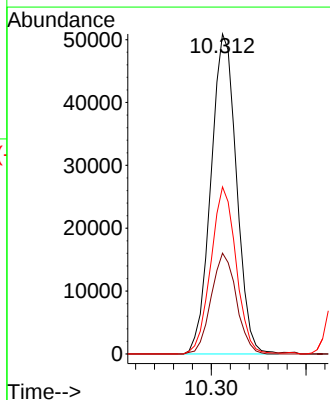
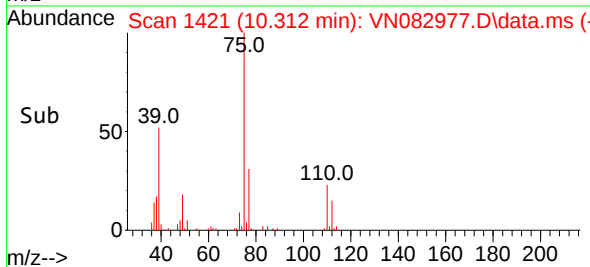
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

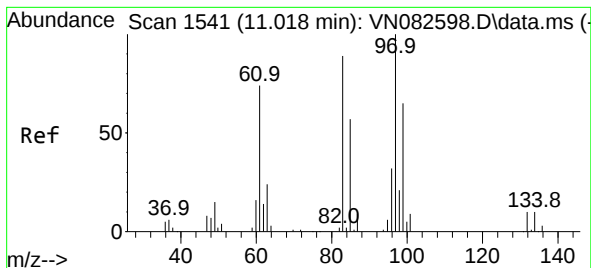


#54
cis-1,3-Dichloropropene
Concen: 55.635 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



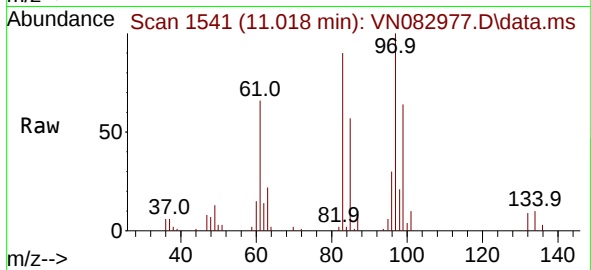
Tgt Ion: 75 Resp: 95317
Ion Ratio Lower Upper
75 100
77 31.5 24.3 36.5
39 52.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 60.733 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

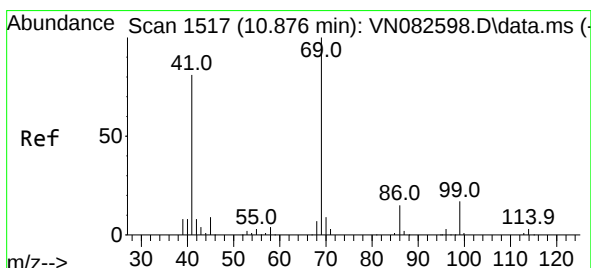
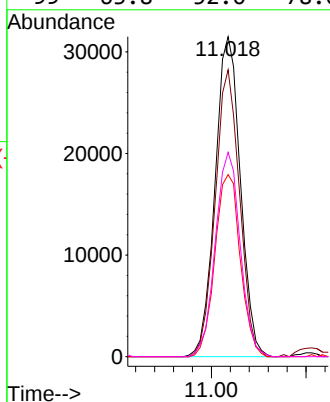
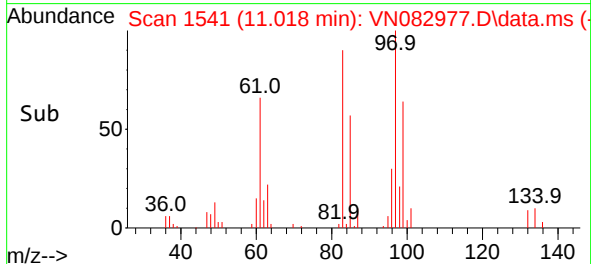
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



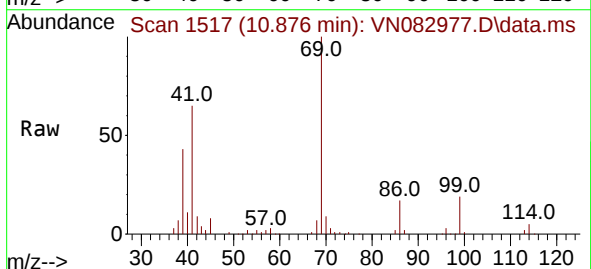
Tgt Ion: 97 Resp: 58329
Ion Ratio Lower Upper
97 100
83 89.7 71.4 107.0
85 56.9 45.8 68.6
99 63.8 52.0 78.0

Manual Integrations
APPROVED

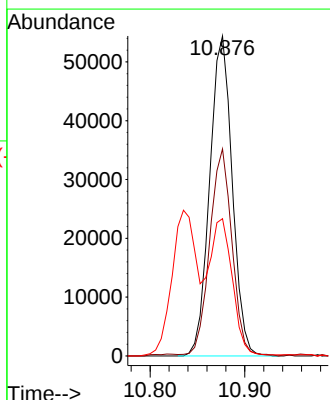
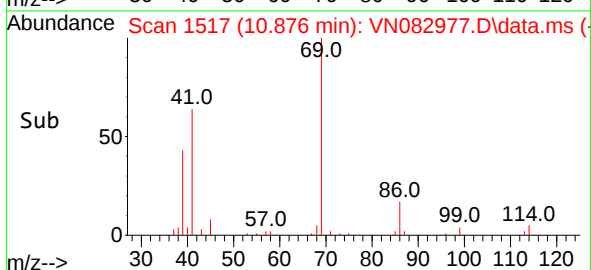
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

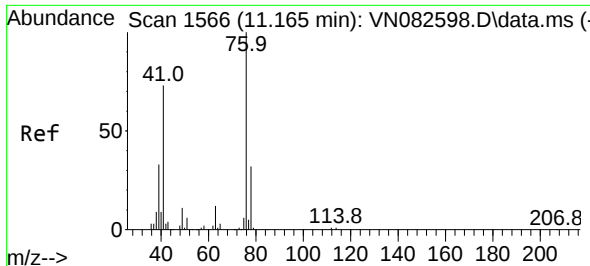


#56
Ethyl methacrylate
Concen: 60.118 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



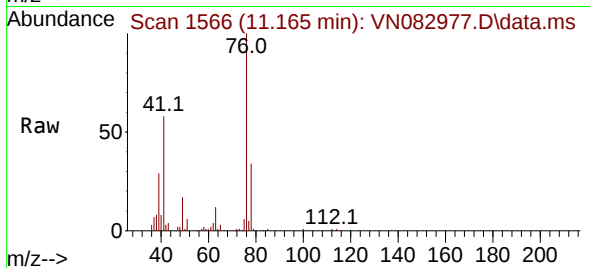
Tgt Ion: 69 Resp: 89822
Ion Ratio Lower Upper
69 100
41 64.1 63.4 95.2
39 39.3 37.4 56.0





#57
1,3-Dichloropropane
Concen: 58.541 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

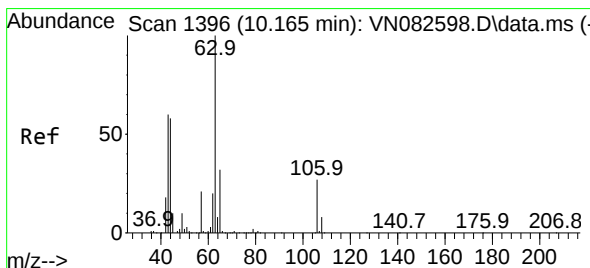
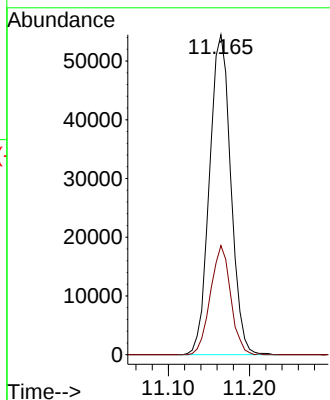
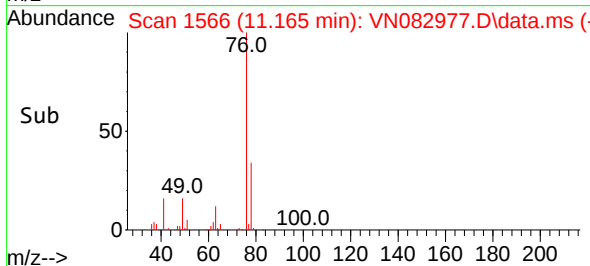
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



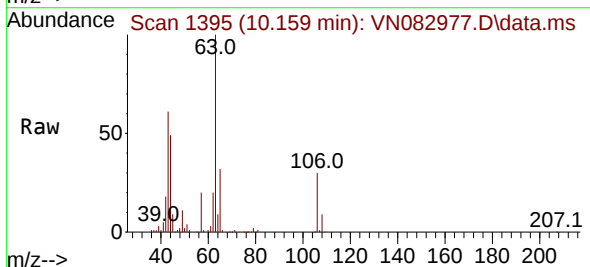
Tgt Ion: 76 Resp: 99510
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

Manual Integrations
APPROVED

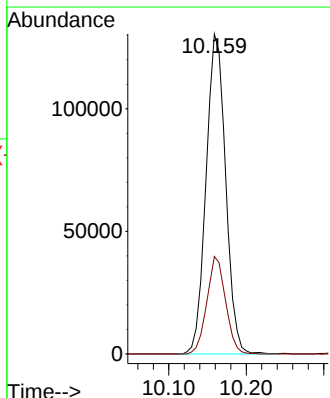
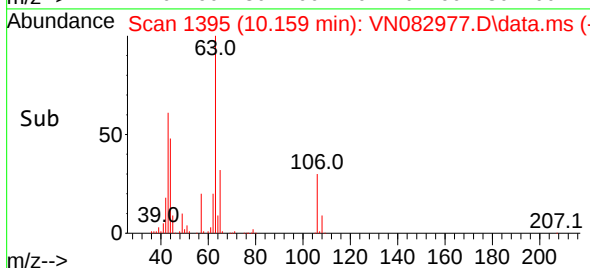
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

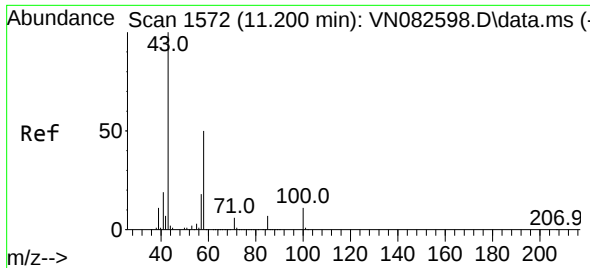


#58
2-Chloroethyl Vinyl ether
Concen: 298.668 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



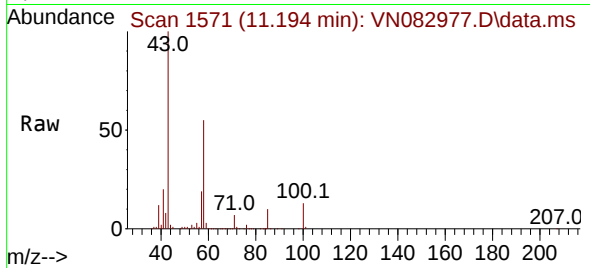
Tgt Ion: 63 Resp: 228979
Ion Ratio Lower Upper
63 100
106 29.0 21.4 32.0





#59
2-Hexanone
Concen: 279.950 ug/l
RT: 11.194 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

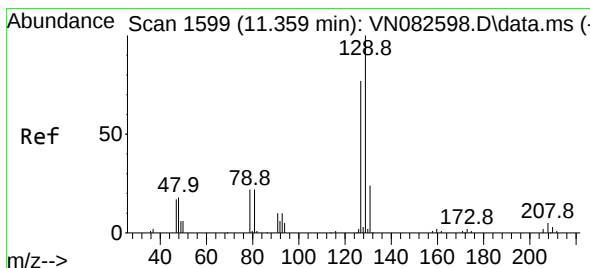
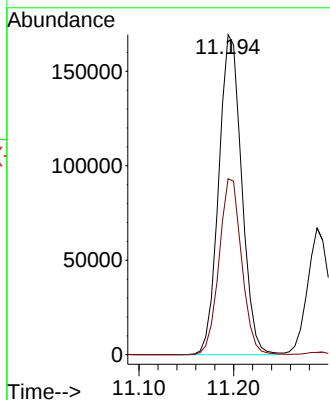
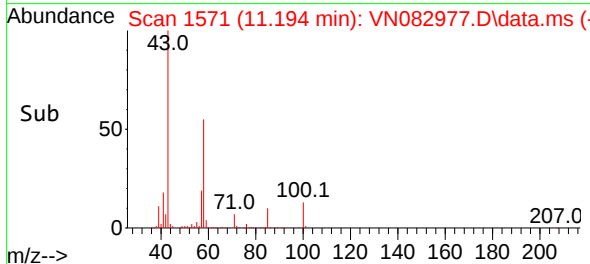
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 285528
Ion Ratio Lower Upper
43 100
58 54.2 24.6 73.8

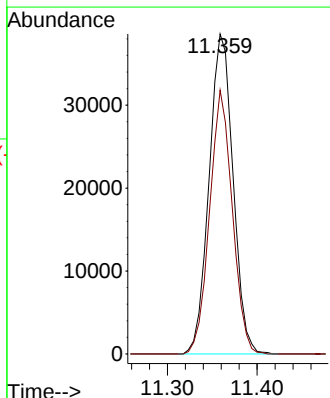
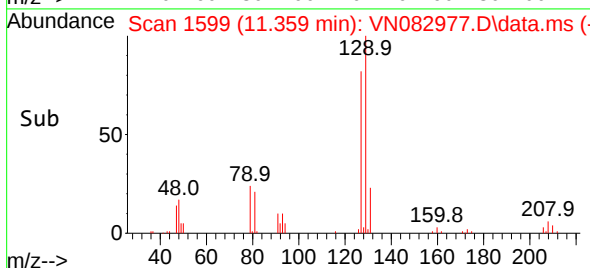
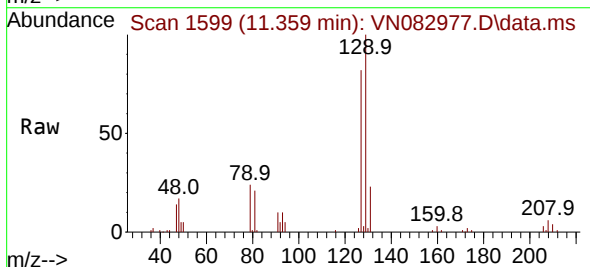
Manual Integrations
APPROVED

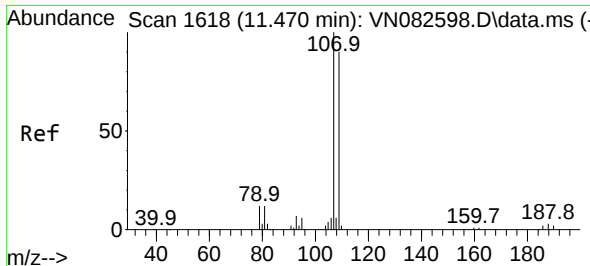
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#60
Dibromochloromethane
Concen: 58.491 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

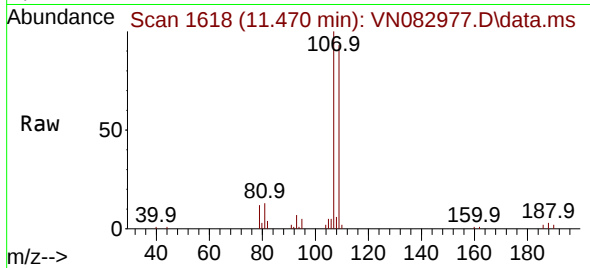
Tgt Ion:129 Resp: 71544
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 58.371 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

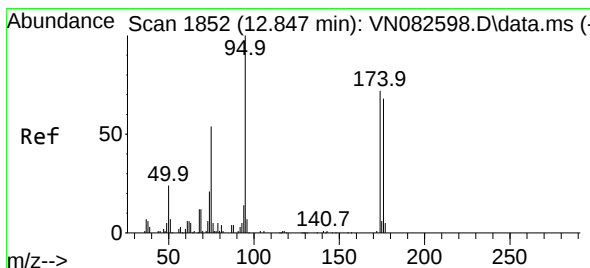
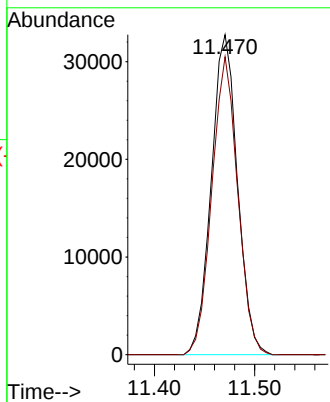
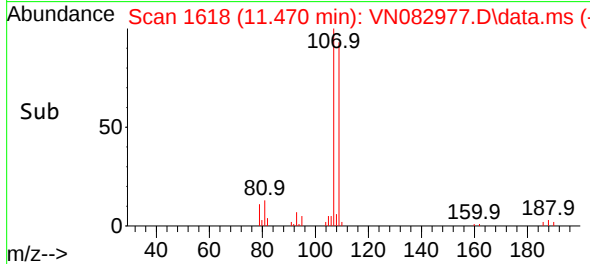
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



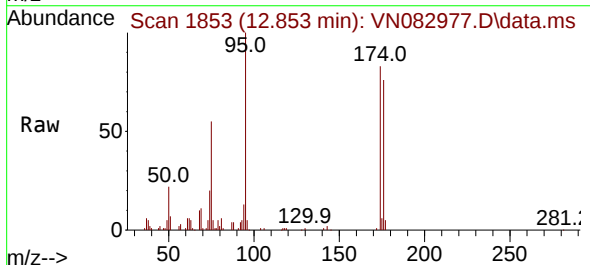
Tgt Ion:107 Resp: 59530
Ion Ratio Lower Upper
107 100
109 91.6 73.7 110.5

Manual Integrations
APPROVED

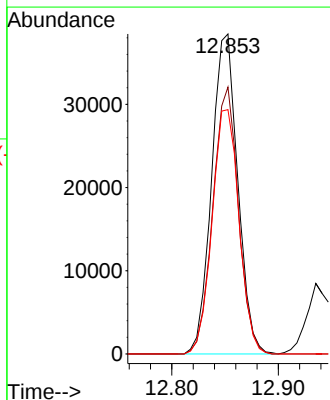
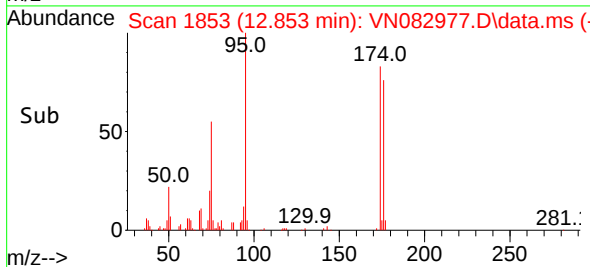
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

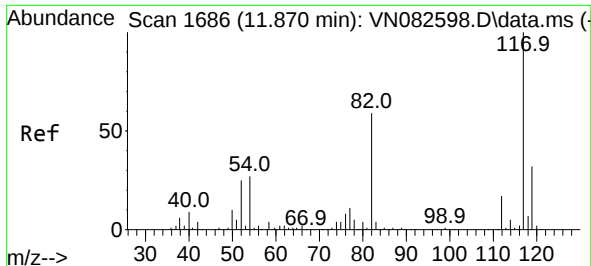


#62
4-Bromofluorobenzene
Concen: 50.061 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



Tgt Ion: 95 Resp: 65474
Ion Ratio Lower Upper
95 100
174 81.6 0.0 159.2
176 78.5 0.0 147.6





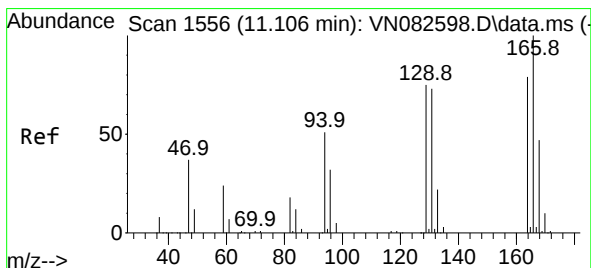
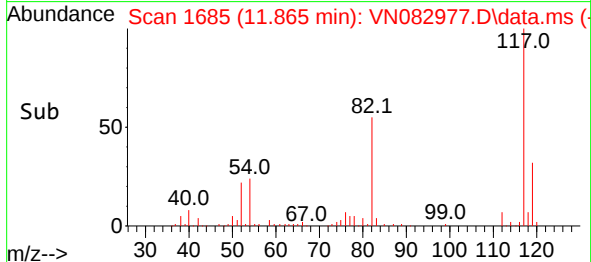
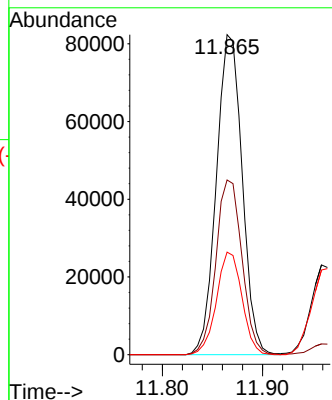
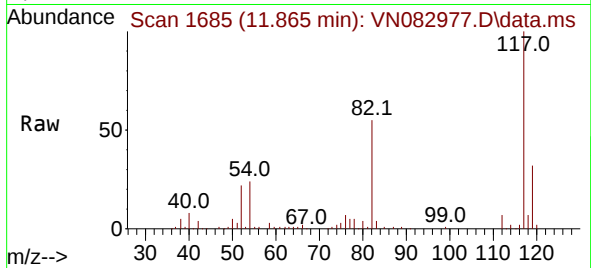
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 147270
Ion Ratio Lower Upper
117 100
82 54.6 47.5 71.3
119 32.0 25.6 38.4

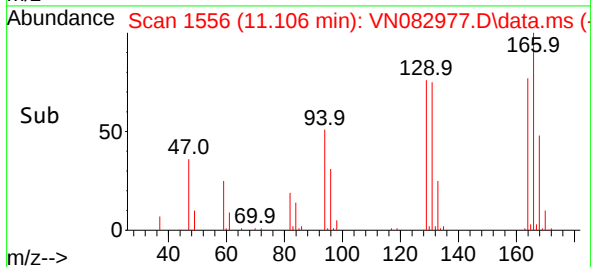
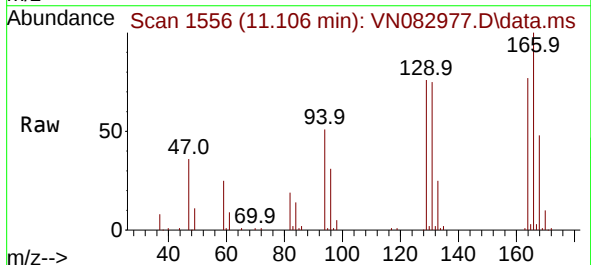
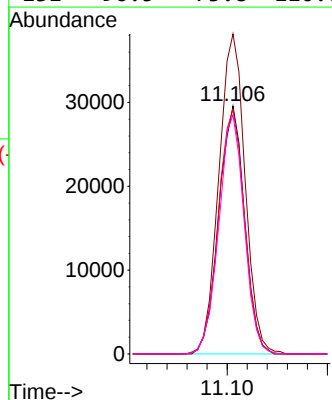
Manual Integrations
APPROVED

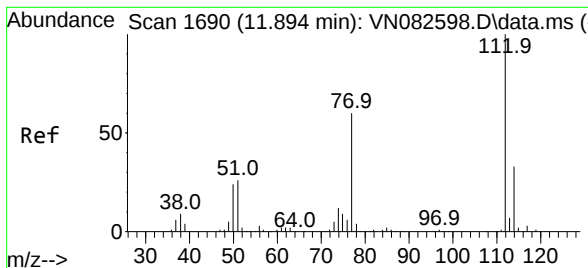
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#64
Tetrachloroethene
Concen: 47.969 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

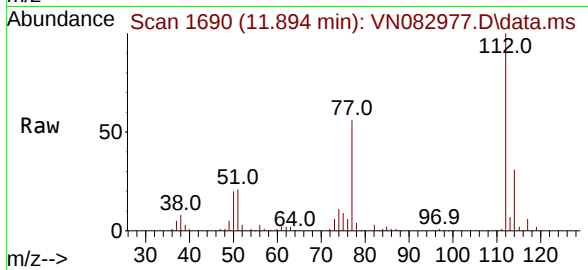
Tgt Ion:164 Resp: 52707
Ion Ratio Lower Upper
164 100
166 129.1 101.4 152.0
129 98.6 75.7 113.5
131 96.5 73.8 110.6





#65
Chlorobenzene
Concen: 53.239 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

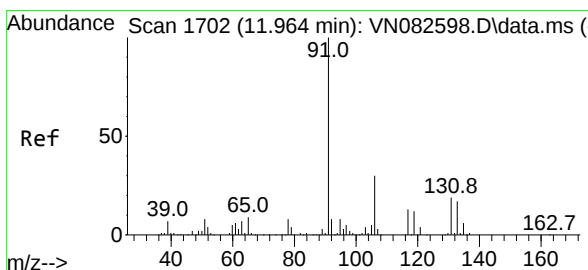
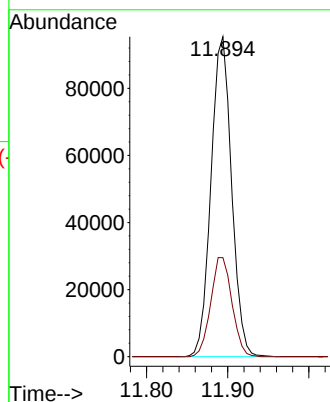
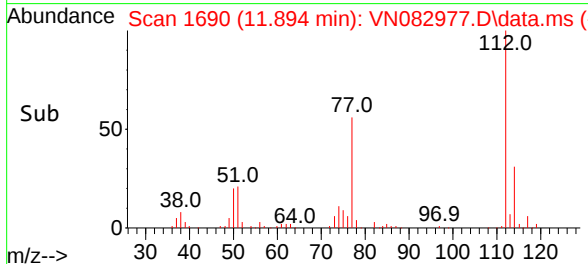
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 168010
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2

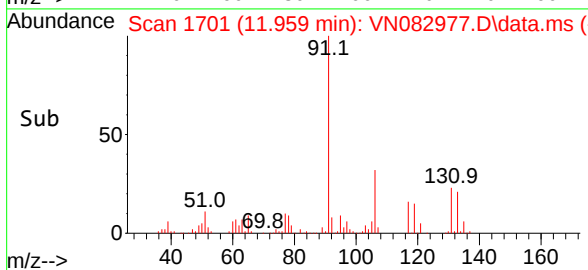
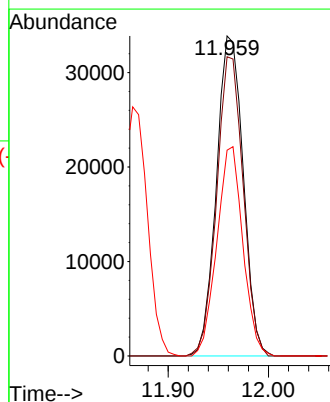
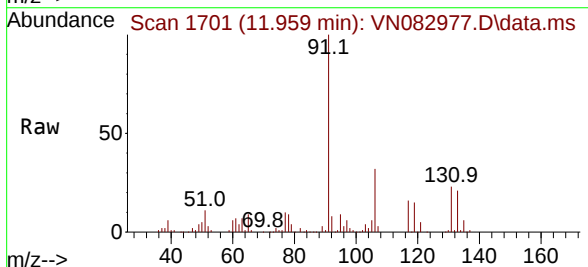
Manual Integrations
APPROVED

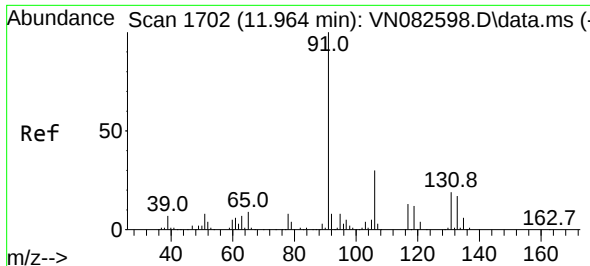
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.894 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

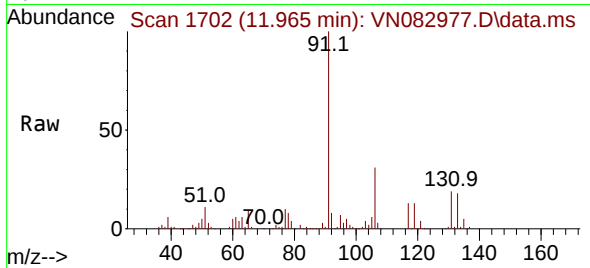
Tgt Ion:131 Resp: 62744
Ion Ratio Lower Upper
131 100
133 92.5 47.3 142.0
119 63.7 32.5 97.4





#67
Ethyl Benzene
Concen: 54.016 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

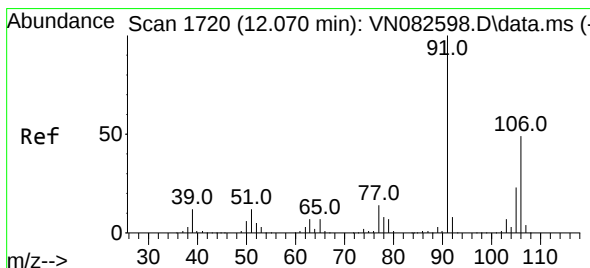
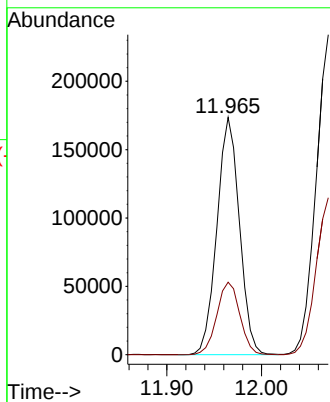
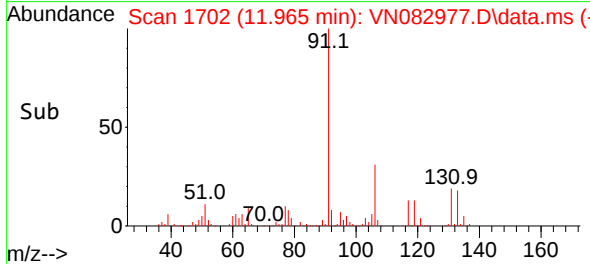
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 286509
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

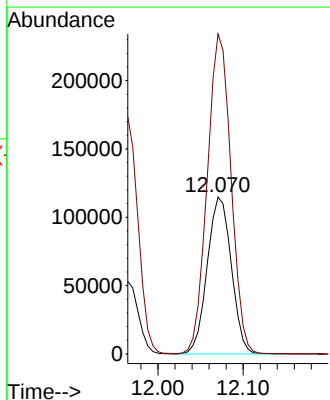
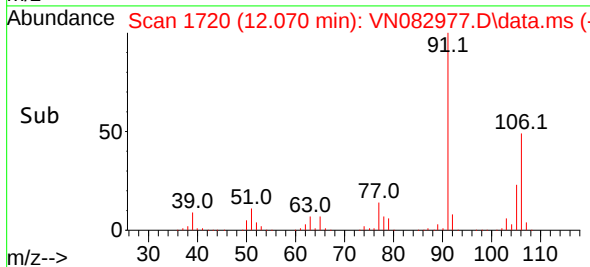
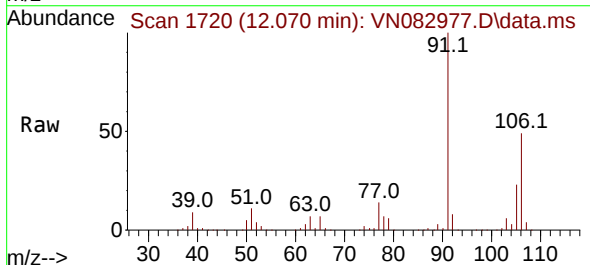
Manual Integrations
APPROVED

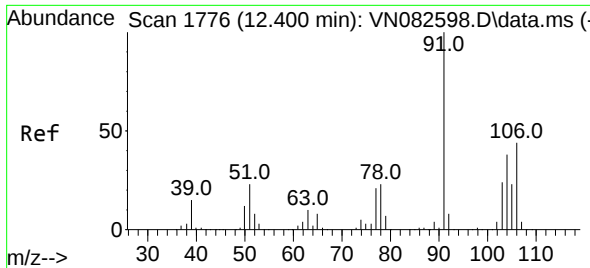
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#68
m/p-Xylenes
Concen: 112.613 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion:106 Resp: 225509
Ion Ratio Lower Upper
106 100
91 200.7 166.1 249.1





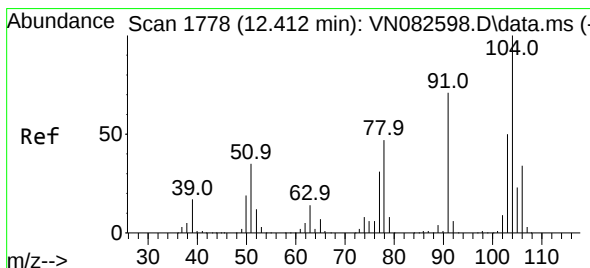
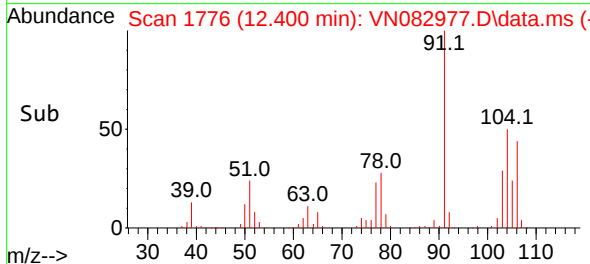
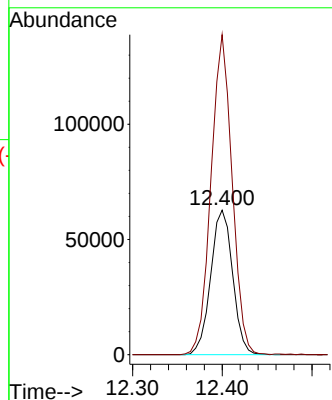
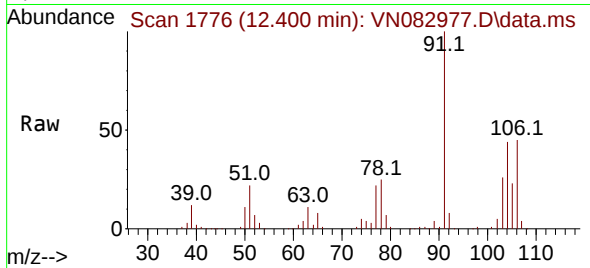
#69
o-Xylene
Concen: 55.579 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10664
Ion Ratio Lower Upper
106 100
91 212.7 111.3 333.9

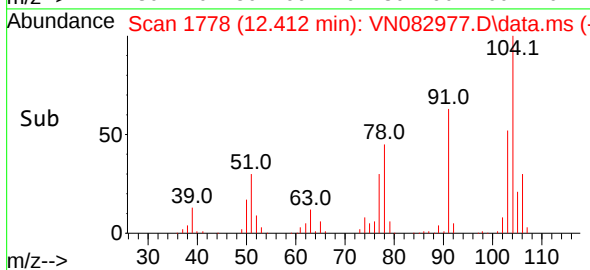
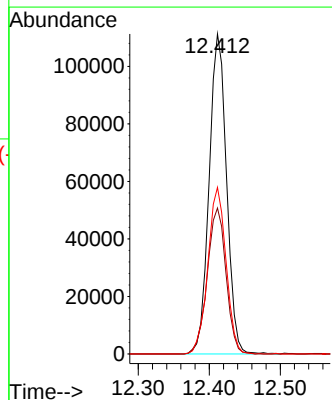
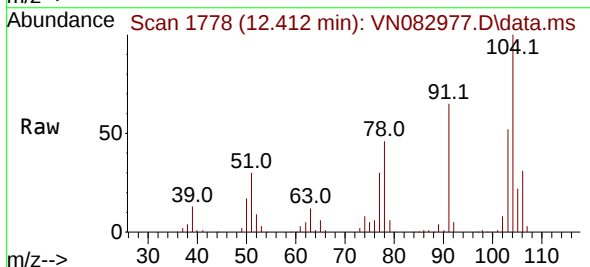
Manual Integrations
APPROVED

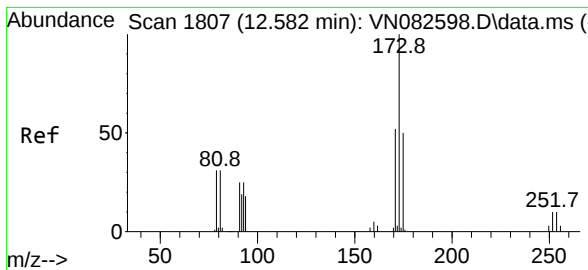
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#70
Styrene
Concen: 59.842 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

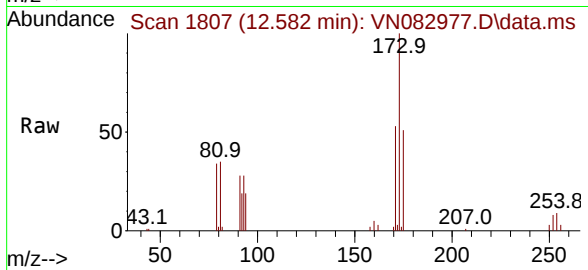
Tgt Ion:104 Resp: 189721
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 54.4 44.0 66.0





#71
Bromoform
Concen: 53.031 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

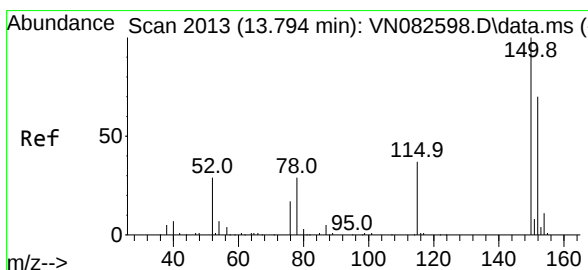
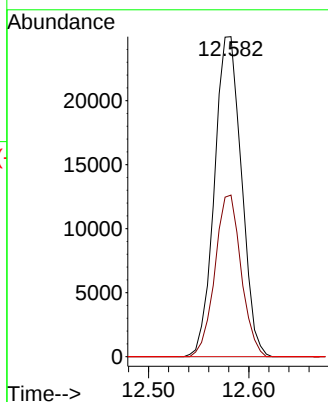
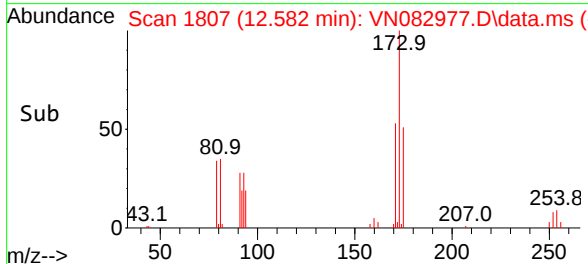
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 46810
Ion Ratio Lower Upper
173 100
175 49.0 24.0 72.0
254 0.0 0.0 0.0

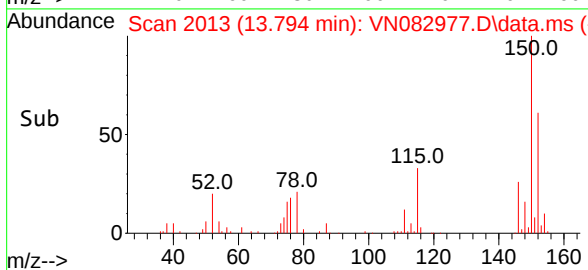
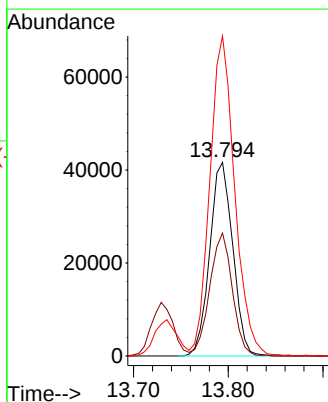
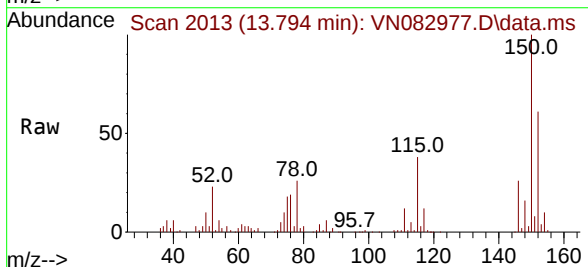
Manual Integrations
APPROVED

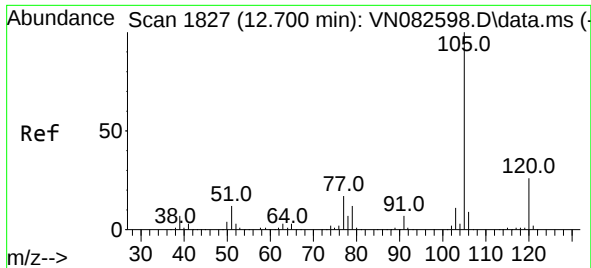
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion:152 Resp: 70490
Ion Ratio Lower Upper
152 100
115 62.2 30.6 91.6
150 177.8 0.0 348.6





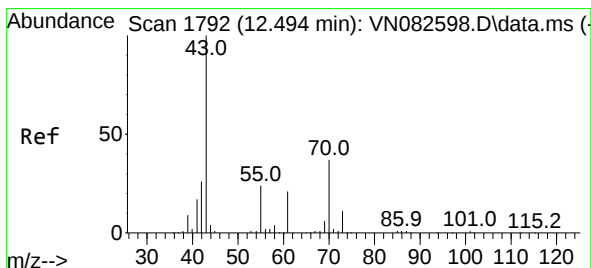
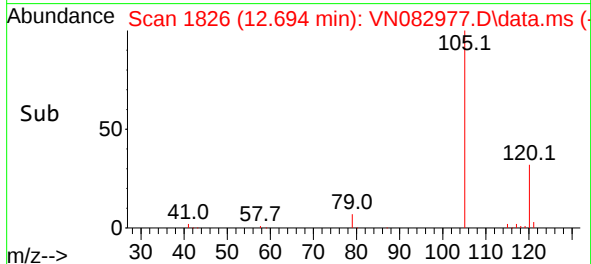
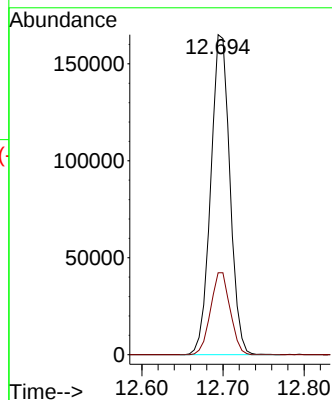
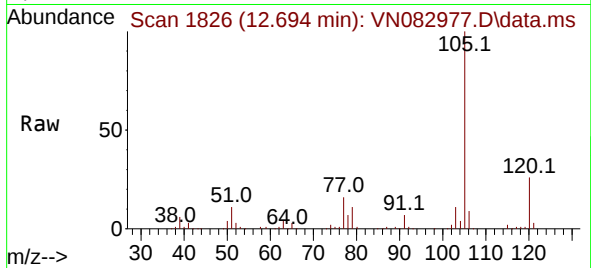
#73
Isopropylbenzene
Concen: 52.740 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 27014
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

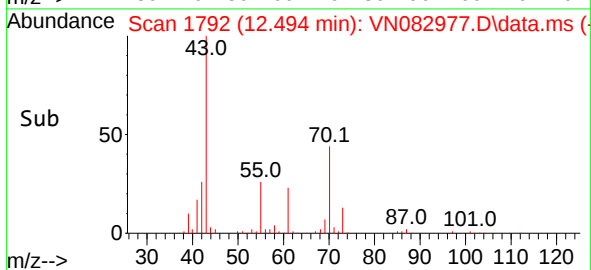
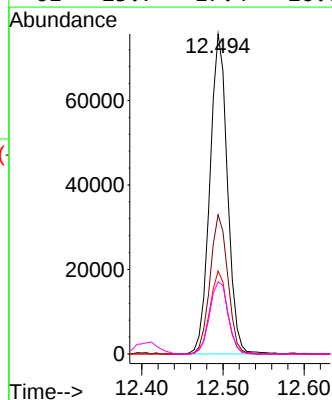
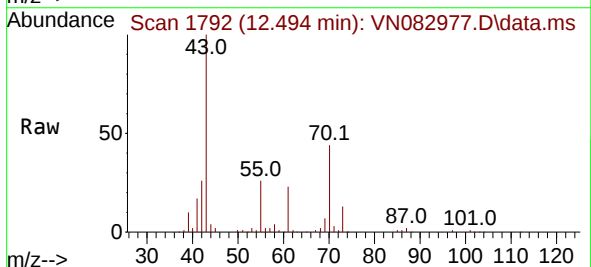
Manual Integrations
APPROVED

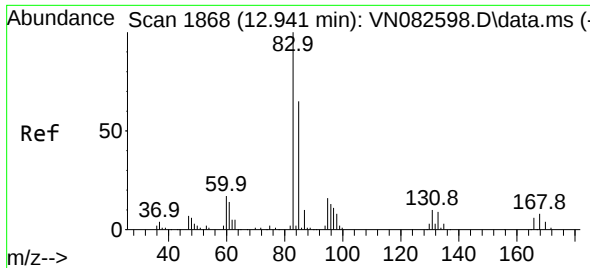
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#74
N-ethyl acetate
Concen: 53.743 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

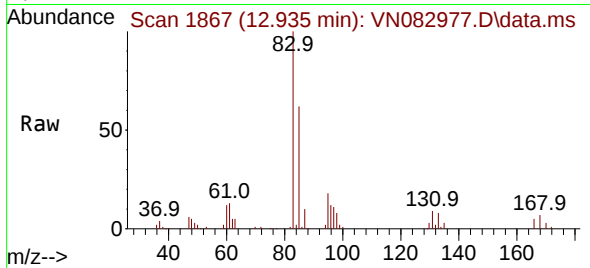
Tgt Ion: 43 Resp: 113865
Ion Ratio Lower Upper
43 100
70 43.7 29.8 44.6
55 25.5 18.7 28.1
61 23.7 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 52.787 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

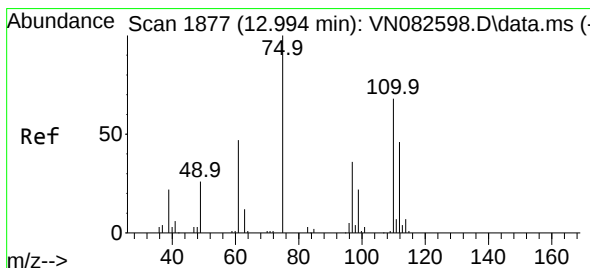
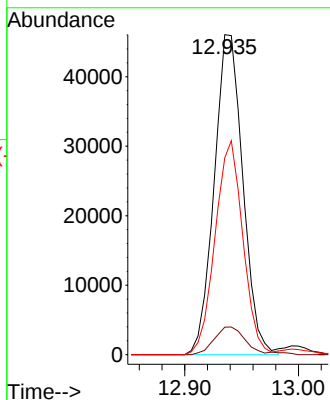
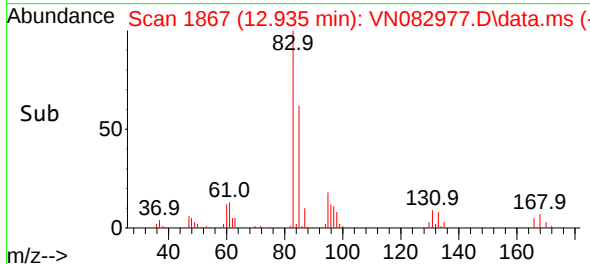
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 80970
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.5 31.9 95.7

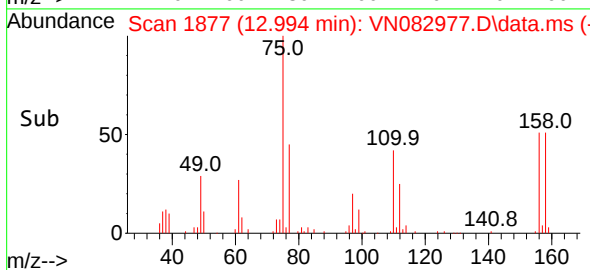
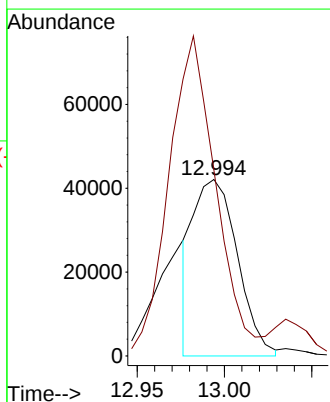
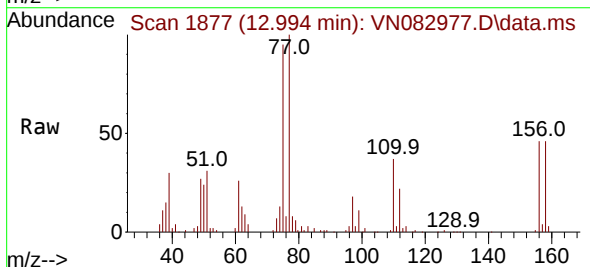
Manual Integrations
APPROVED

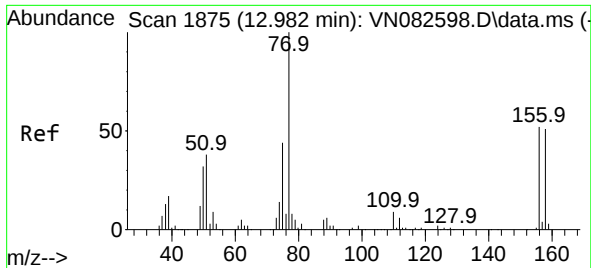
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#76
1,2,3-Trichloropropane
Concen: 60.820 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

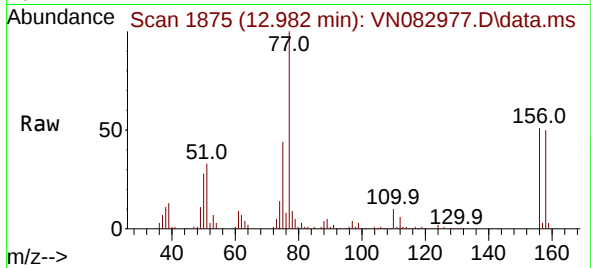
Tgt Ion: 75 Resp: 73914
Ion Ratio Lower Upper
75 100
77 193.0 110.9 332.6





#77
Bromobenzene
Concen: 50.919 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

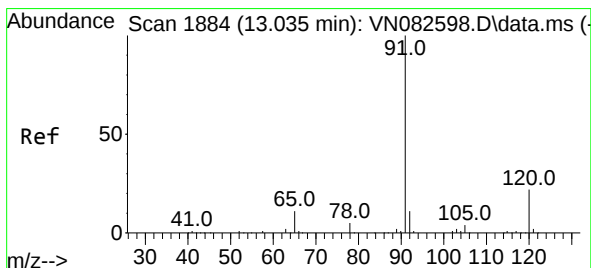
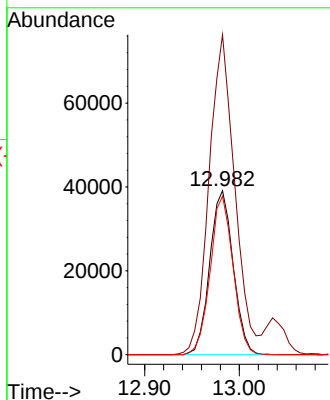
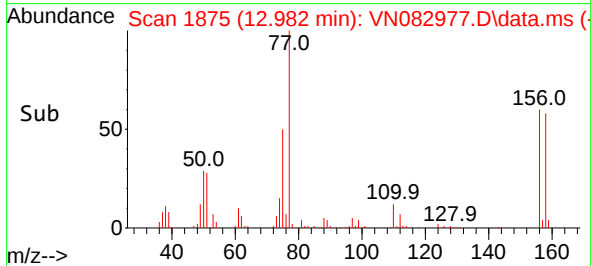
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



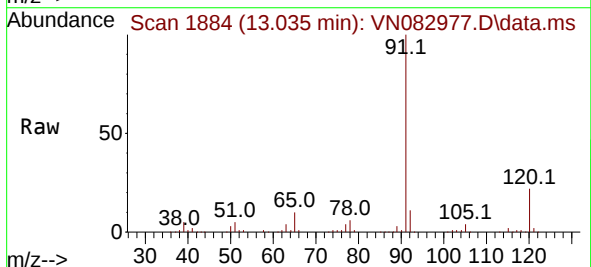
Tgt Ion:156 Resp: 67285
Ion Ratio Lower Upper
156 100
77 212.0 111.3 333.8
158 93.9 48.3 144.9

Manual Integrations
APPROVED

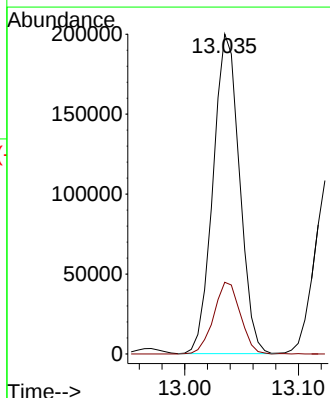
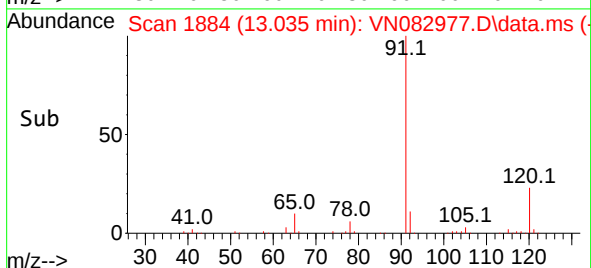
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

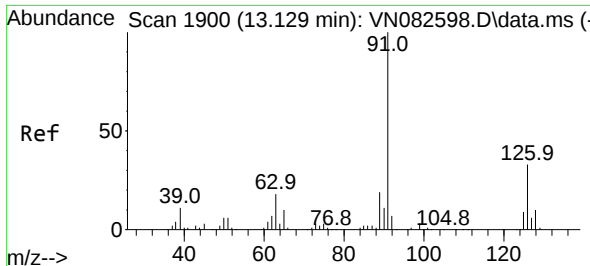


#78
n-propylbenzene
Concen: 54.905 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



Tgt Ion: 91 Resp: 323348
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





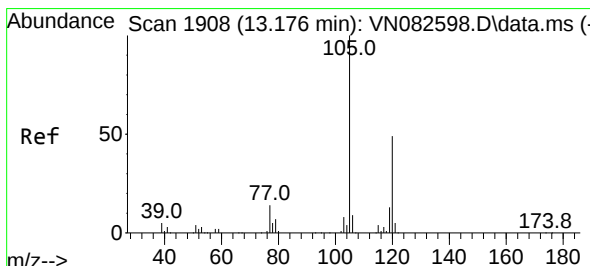
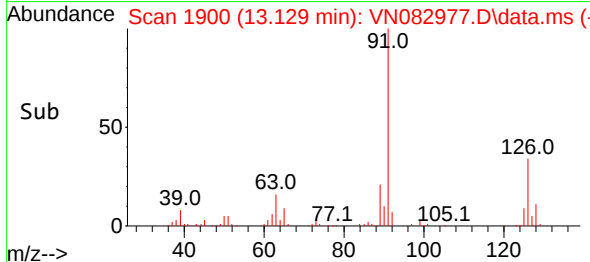
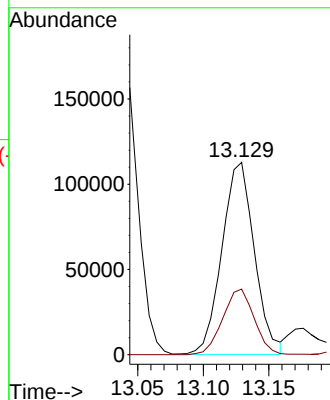
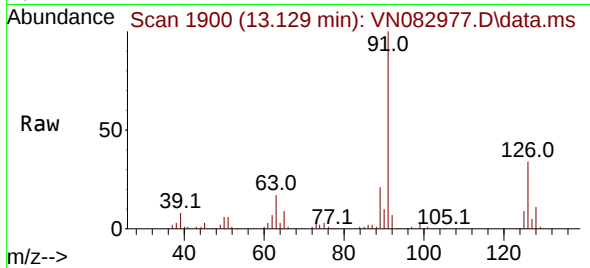
#79
2-Chlorotoluene
Concen: 51.732 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 194118
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6

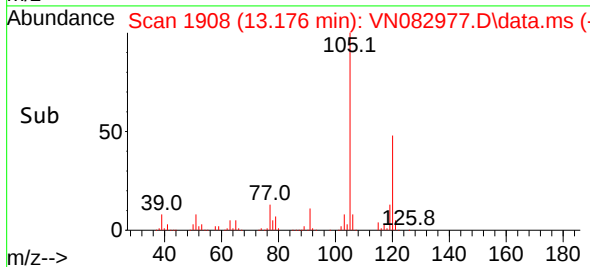
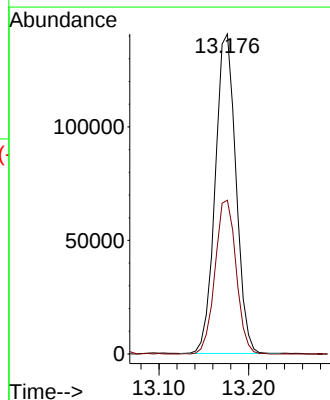
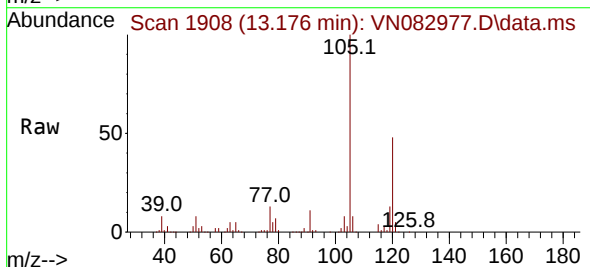
Manual Integrations
APPROVED

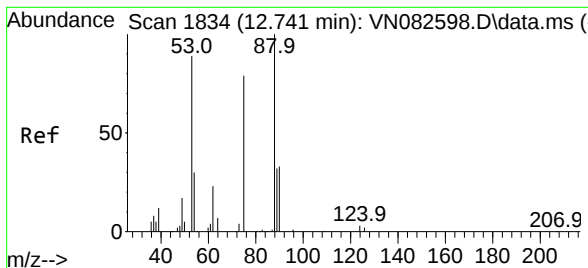
Reviewed By :John Carbone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.487 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

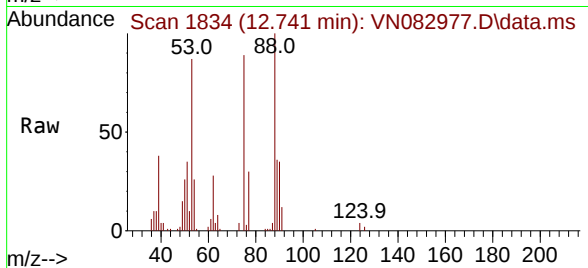
Tgt Ion:105 Resp: 225596
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 57.175 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

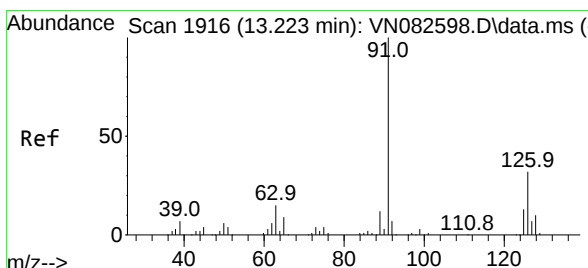
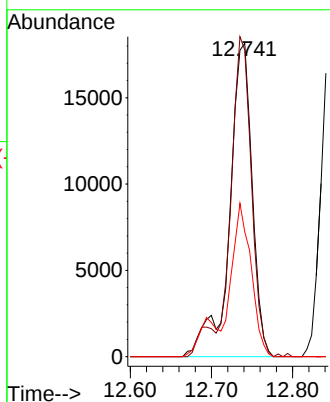
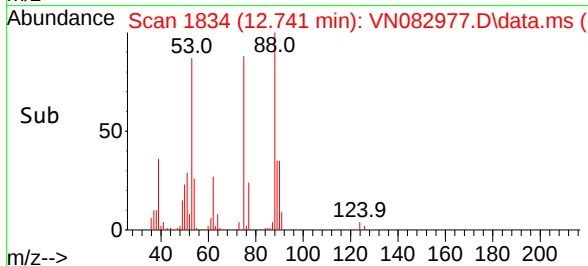
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 35330
Ion Ratio Lower Upper
75 100
53 89.1 88.4 132.6
89 41.4 36.3 54.5

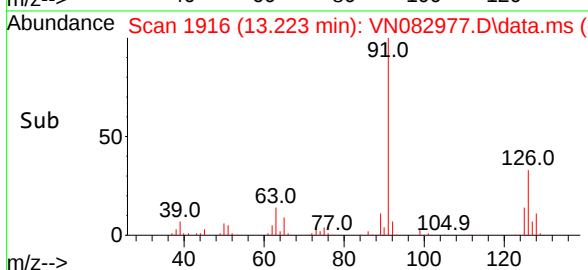
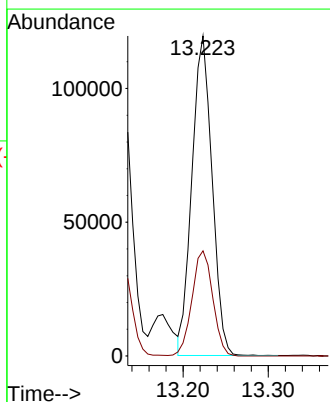
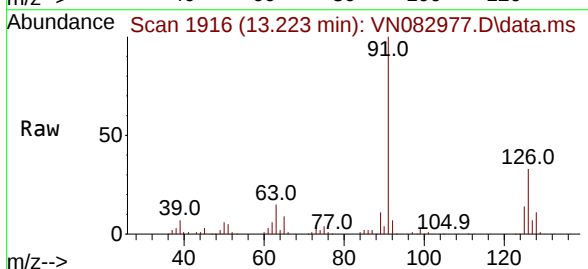
Manual Integrations
APPROVED

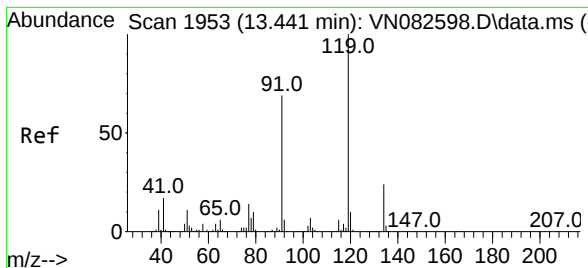
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#82
4-Chlorotoluene
Concen: 52.738 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

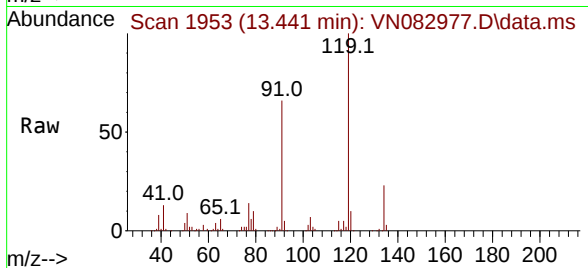
Tgt Ion: 91 Resp: 195877
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 51.770 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

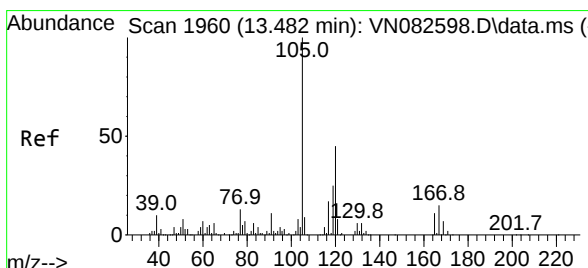
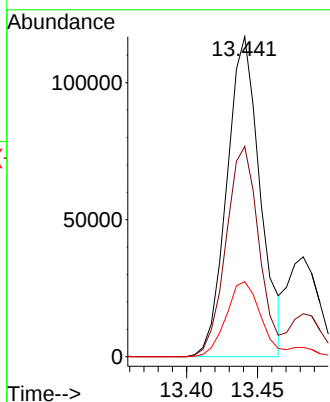
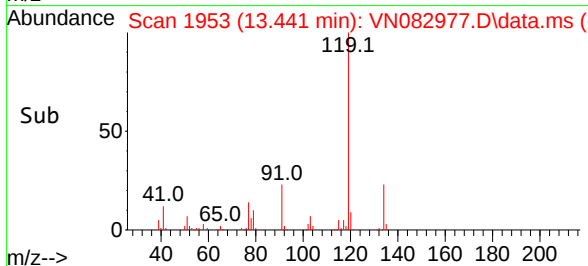
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



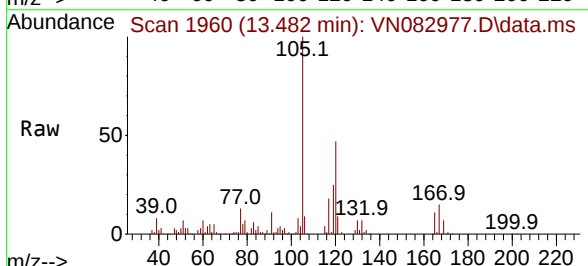
Tgt Ion:119 Resp: 190027
Ion Ratio Lower Upper
119 100
91 65.1 35.0 105.1
134 24.5 13.3 39.8

Manual Integrations
APPROVED

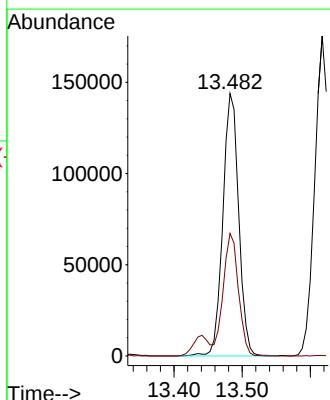
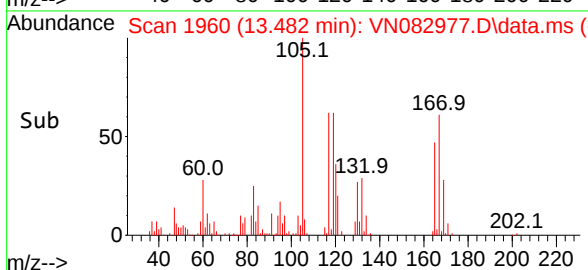
Reviewed By :John Carbone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

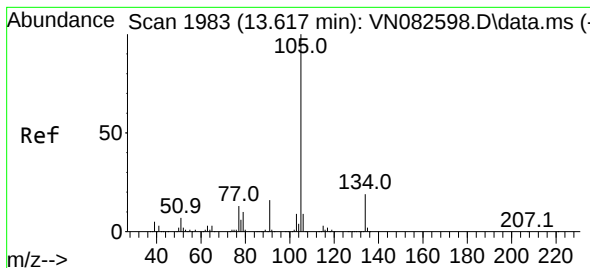


#84
1,2,4-Trimethylbenzene
Concen: 55.128 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



Tgt Ion:105 Resp: 232636
Ion Ratio Lower Upper
105 100
120 45.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 54.448 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 270075

Ion Ratio Lower Upper

105 100

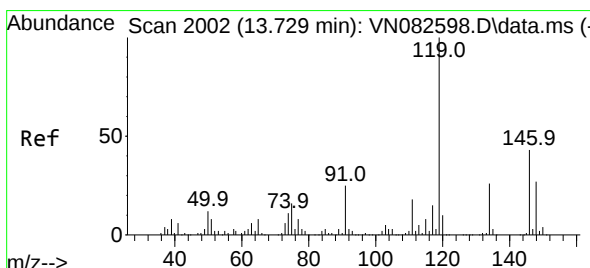
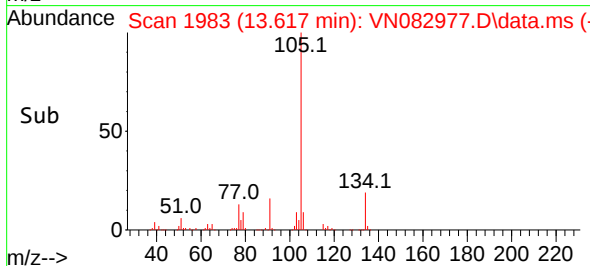
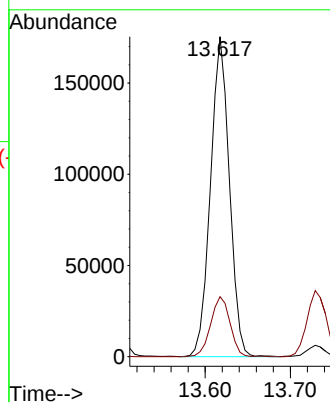
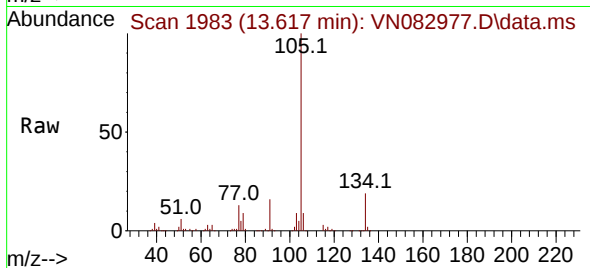
134 19.2 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Semsettin Yesilyurt 07/19/2024



#86

p-Isopropyltoluene

Concen: 54.759 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

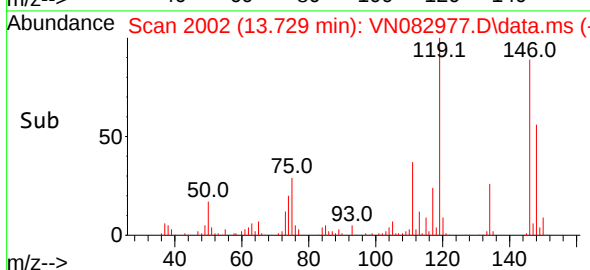
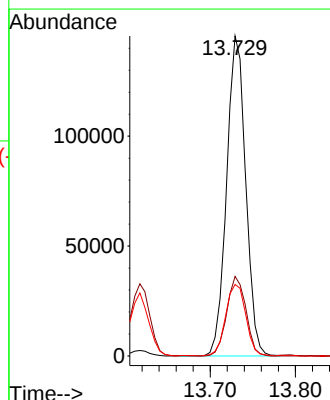
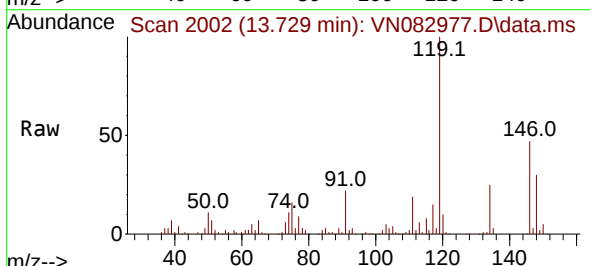
Tgt Ion:119 Resp: 226617

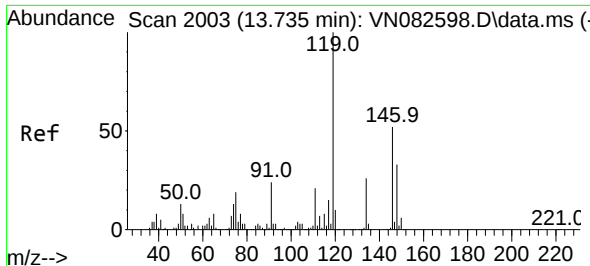
Ion Ratio Lower Upper

119 100

134 24.9 13.0 39.0

91 23.6 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 52.417 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

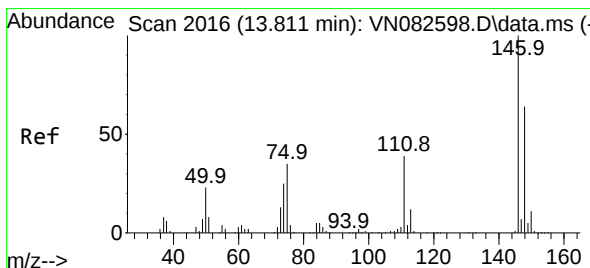
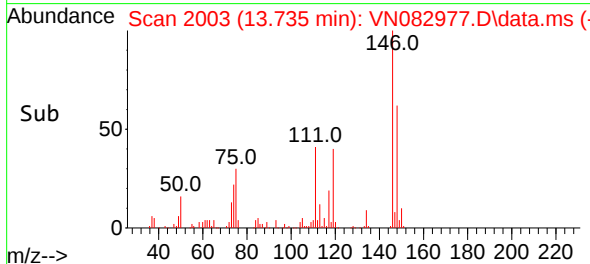
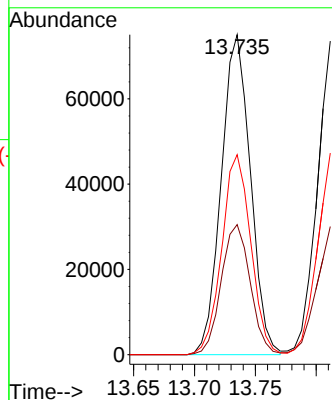
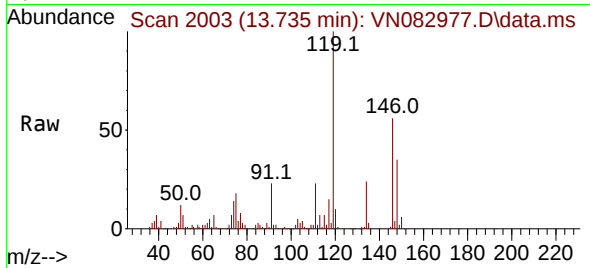
Tgt Ion:146 Resp: 125120
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.9
148 62.3 31.8 95.3

Manual Integrations

APPROVED

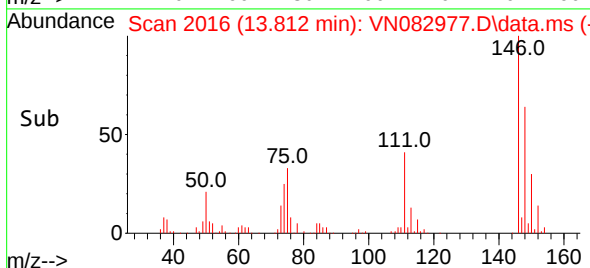
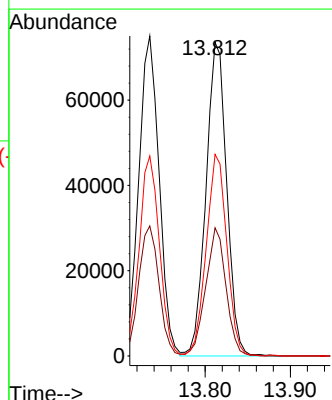
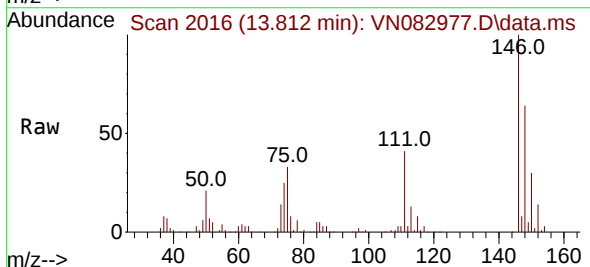
Reviewed By :John Carlone 07/19/2024

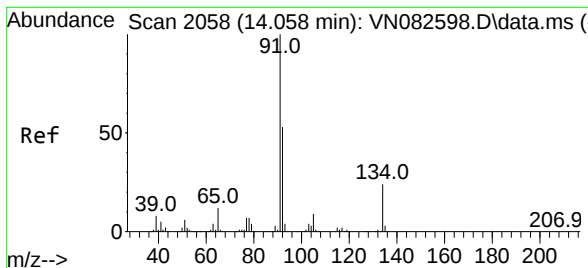
Supervised By :Semsettin Yesilyurt 07/19/2024



#88
1,4-Dichlorobenzene
Concen: 50.276 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion:146 Resp: 124117
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.3
148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 53.524 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 18976

Ion Ratio Lower Upper

91 100

92 51.1 26.1 78.3

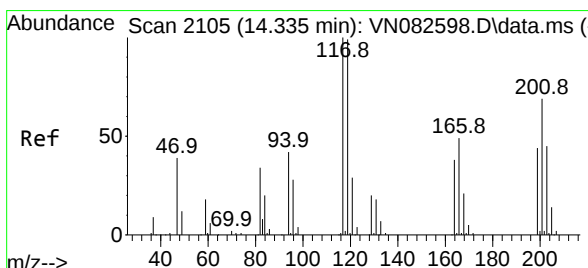
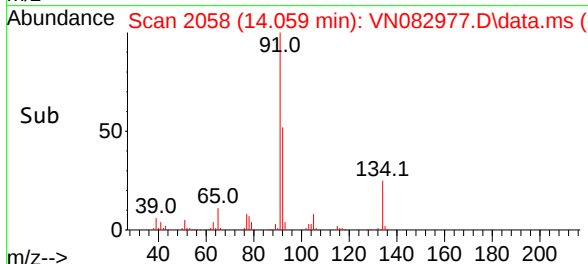
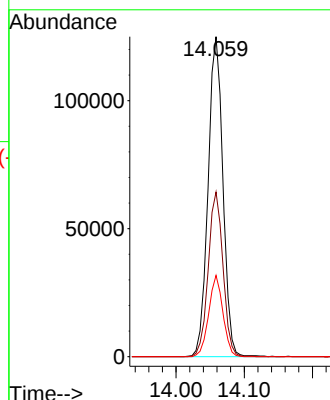
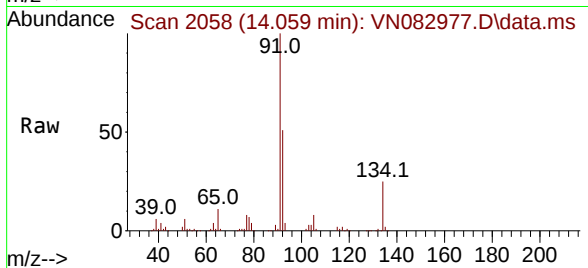
134 24.3 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Semsettin Yesilyurt 07/19/2024



#90

Hexachloroethane

Concen: 49.960 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082977.D

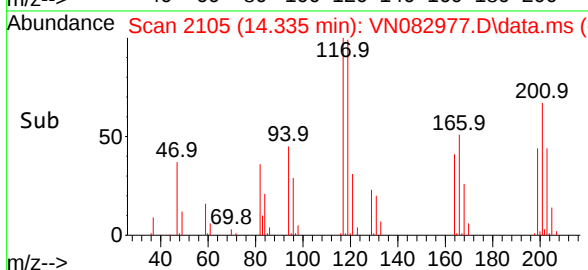
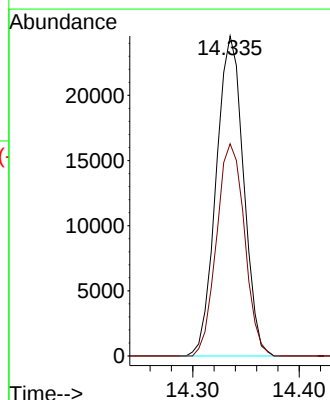
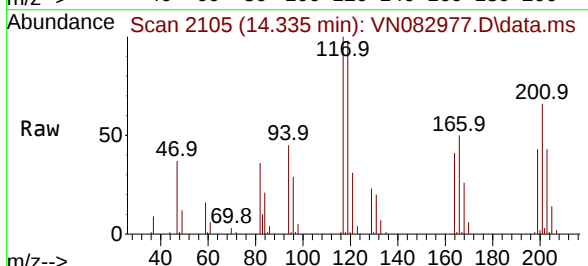
Acq: 18 Jul 2024 16:45

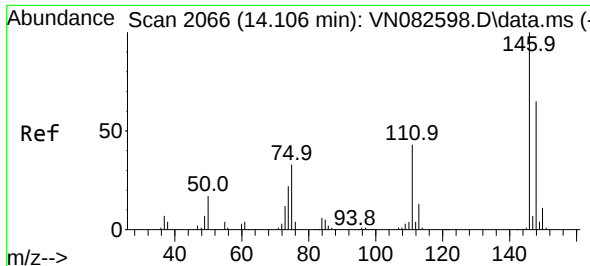
Tgt Ion:117 Resp: 43749

Ion Ratio Lower Upper

117 100

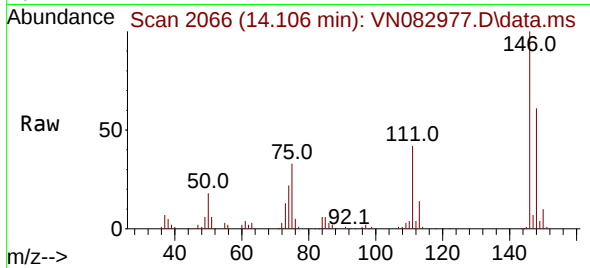
201 67.9 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 51.489 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

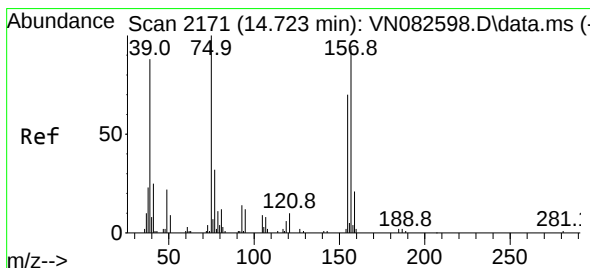
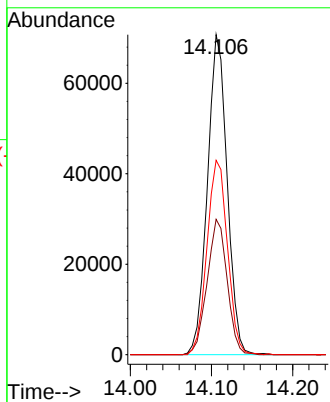
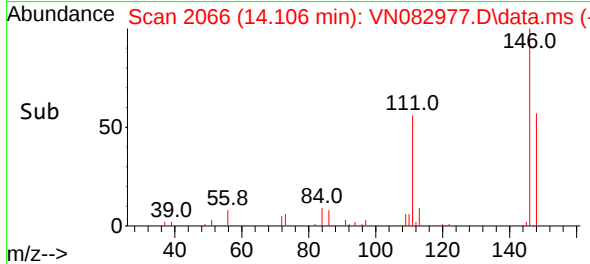
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



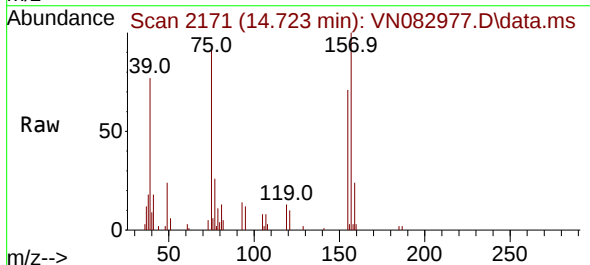
Tgt Ion:146 Resp: 11933
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.2
148 63.2 32.1 96.5

Manual Integrations
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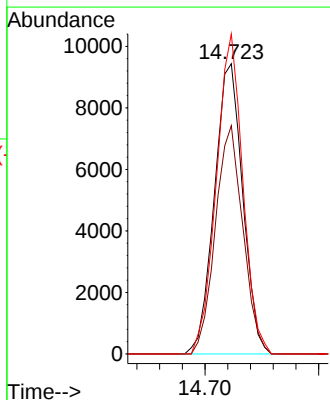
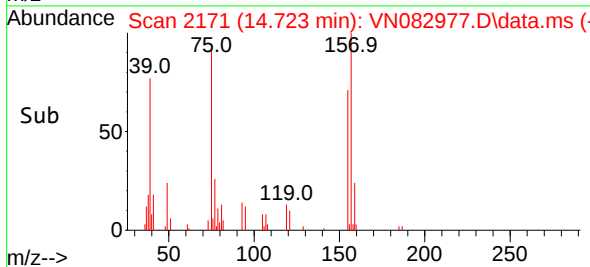
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024

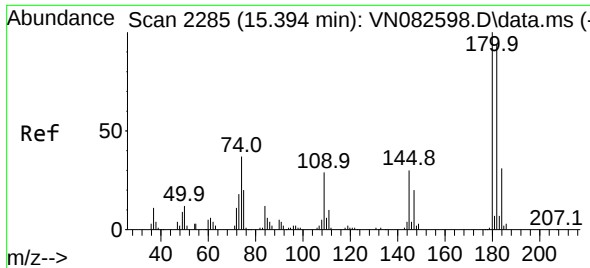


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.005 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45



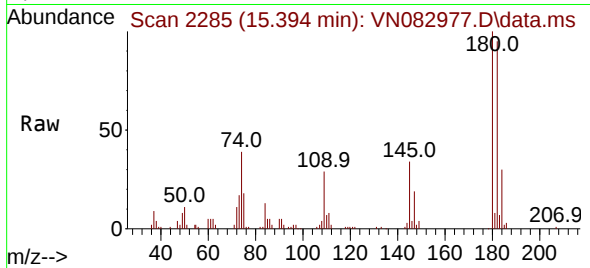
Tgt Ion: 75 Resp: 16327
Ion Ratio Lower Upper
75 100
155 76.5 36.6 109.8
157 103.2 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 46.772 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

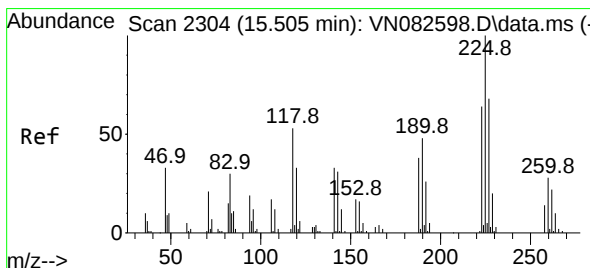
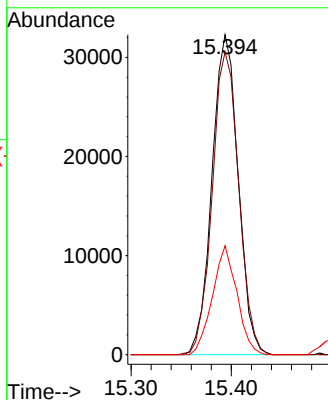
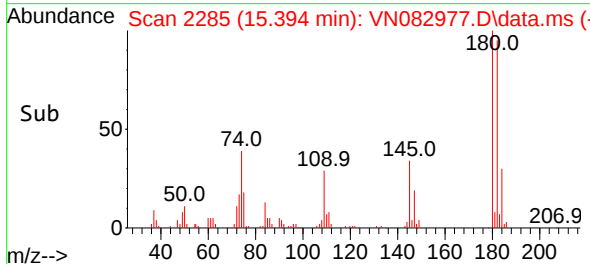
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 58392
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 31.9 15.7 47.1

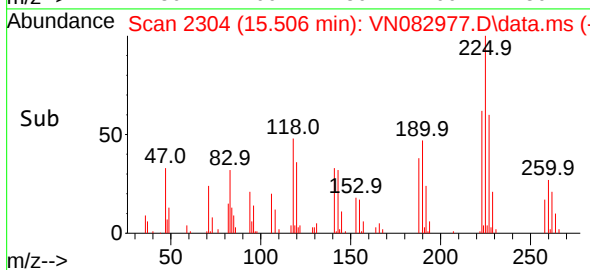
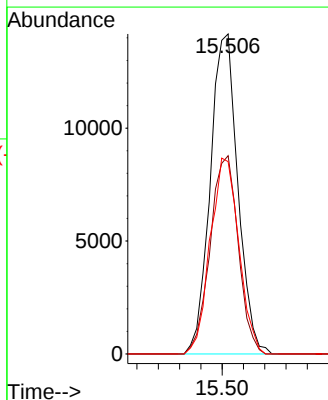
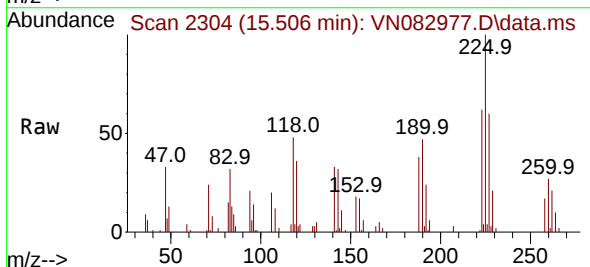
Manual Integrations
APPROVED

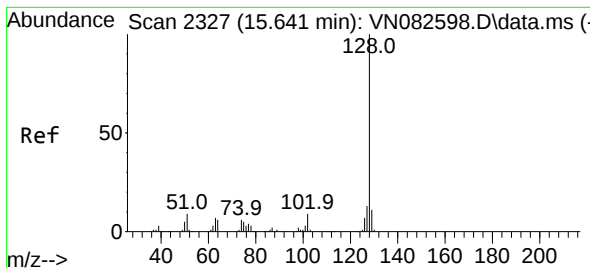
Reviewed By :John Carlone 07/19/2024
Supervised By :Semsettin Yesilyurt 07/19/2024



#94
Hexachlorobutadiene
Concen: 46.044 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082977.D
Acq: 18 Jul 2024 16:45

Tgt Ion:225 Resp: 25483
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 63.4 32.5 97.5





#95

Naphthalene

Concen: 46.544 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

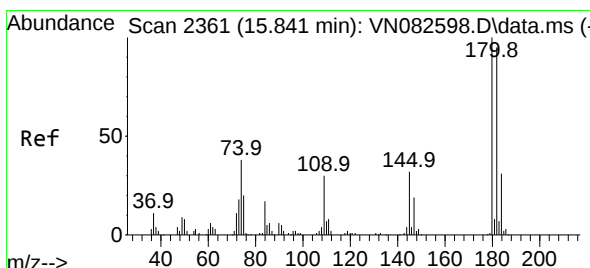
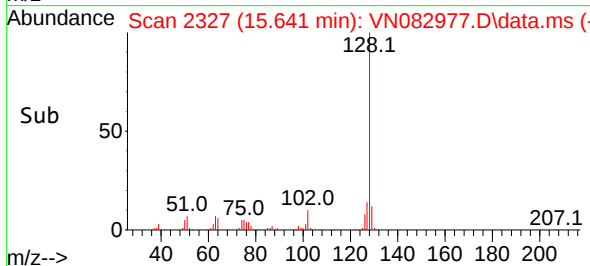
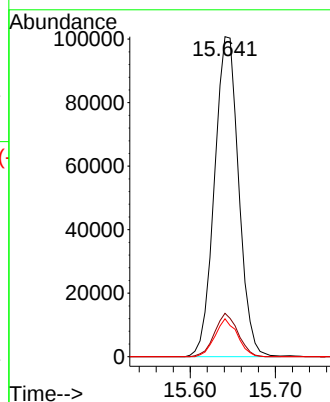
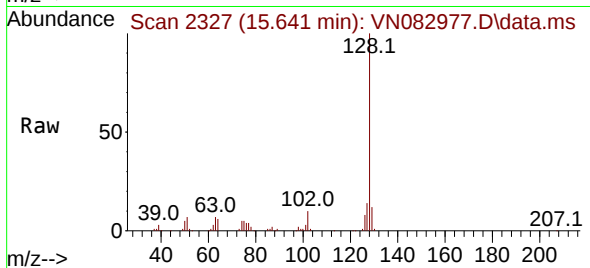
Tgt Ion:128	Resp: 19902
Ion Ratio	Lower Upper
128 100	
127 13.1	10.6 16.0
129 11.0	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Semsettin Yesilyurt 07/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.721 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082977.D

Acq: 18 Jul 2024 16:45

Tgt Ion:180	Resp: 59973
Ion Ratio	Lower Upper
180 100	
182 94.3	48.9 146.8
145 32.3	16.8 50.4

