

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081919.D
 Acq On : 30 Apr 2024 09:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 01 00:48:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	208731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	367827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182480	51.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.600%			
35) Dibromofluoromethane	8.171	113	133374	53.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.565	98	523985	53.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.580%			
62) 4-Bromofluorobenzene	12.847	95	195680	50.345	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	117448	40.084	ug/l	97
3) Chloromethane	2.359	50	138126	45.188	ug/l	98
4) Vinyl Chloride	2.518	62	124839	45.117	ug/l	97
5) Bromomethane	2.953	94	63877	54.749	ug/l	95
6) Chloroethane	3.124	64	72163	51.601	ug/l	97
7) Trichlorofluoromethane	3.500	101	176942	41.339	ug/l	99
8) Diethyl Ether	3.959	74	99409	54.673	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	117730	47.376	ug/l	95
10) Methyl Iodide	4.589	142	138481	63.624	ug/l	95
11) Tert butyl alcohol	5.518	59	145513	227.216	ug/l	98
12) 1,1-Dichloroethene	4.342	96	122094	48.295	ug/l	94
13) Acrolein	4.171	56	110221	219.734	ug/l	99
14) Allyl chloride	5.024	41	225845	42.233	ug/l	93
15) Acrylonitrile	5.712	53	383728	249.530	ug/l	98
16) Acetone	4.418	43	266920	256.365	ug/l	100
17) Carbon Disulfide	4.712	76	333263	43.859	ug/l	99
18) Methyl Acetate	5.024	43	178902	50.137	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	490097	51.375	ug/l	98
20) Methylene Chloride	5.277	84	154425	51.151	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	130476	47.335	ug/l #	80
22) Diisopropyl ether	6.671	45	524168	50.655	ug/l #	95
23) Vinyl Acetate	6.600	43	2159063	256.792	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	272083	50.517	ug/l	98
25) 2-Butanone	7.483	43	477814	238.971	ug/l	91
26) 2,2-Dichloropropane	7.494	77	219857	44.375	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	170317	52.877	ug/l	89
28) Bromochloromethane	7.812	49	125902	49.184	ug/l	82
29) Tetrahydrofuran	7.835	42	324550	226.350	ug/l	93
30) Chloroform	7.965	83	263537	49.364	ug/l	98
31) Cyclohexane	8.259	56	220768	41.600	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	209443	43.992	ug/l	94
36) 1,1-Dichloropropene	8.371	75	182080	44.706	ug/l	95
37) Ethyl Acetate	7.559	43	208284	47.298	ug/l	97
38) Carbon Tetrachloride	8.359	117	163686	41.121	ug/l	99
39) Methylcyclohexane	9.600	83	207601	41.970	ug/l	92
40) Benzene	8.606	78	608188	49.744	ug/l	97

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Manual Integrations
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Quant Time: May 01 00:48:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	124212	44.206	ug/l	91
42) 1,2-Dichloroethane	8.671	62	209546	46.155	ug/l	98
43) Isopropyl Acetate	8.688	43	379764	45.865	ug/l	95
44) Trichloroethene	9.353	130	130345	46.240	ug/l	96
45) 1,2-Dichloropropane	9.624	63	163021	50.947	ug/l	98
46) Dibromomethane	9.712	93	103127	46.630	ug/l	93
47) Bromodichloromethane	9.888	83	217661	46.666	ug/l #	98
48) Methyl methacrylate	9.682	41	177363	44.871	ug/l	89
49) 1,4-Dioxane	9.694	88	59925	997.444	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	1067558	229.030	ug/l	96
52) Toluene	10.629	92	361854	49.421	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	250198	49.299	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	267420	51.126	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	142141	49.362	ug/l	98
56) Ethyl methacrylate	10.876	69	264593	48.255	ug/l	89
57) 1,3-Dichloropropane	11.165	76	259063	50.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	649583	260.051	ug/l	92
59) 2-Hexanone	11.194	43	797979	230.039	ug/l	96
60) Dibromochloromethane	11.359	129	153705	50.396	ug/l	97
61) 1,2-Dibromoethane	11.470	107	141408	51.351	ug/l	98
64) Tetrachloroethene	11.106	164	109596	41.024	ug/l	93
65) Chlorobenzene	11.894	112	394886	49.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	131365	50.321	ug/l	96
67) Ethyl Benzene	11.965	91	686378	45.947	ug/l	99
68) m/p-Xylenes	12.070	106	515696	96.781	ug/l	94
69) o-Xylene	12.400	106	259361	49.856	ug/l	93
70) Styrene	12.412	104	449483	49.947	ug/l	97
71) Bromoform	12.582	173	93415	45.516	ug/l #	98
73) Isopropylbenzene	12.694	105	635918	45.224	ug/l	100
74) N-amyl acetate	12.494	43	357254	45.634	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	194889	46.153	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	182363m	44.472	ug/l	
77) Bromobenzene	12.982	156	141594	48.120	ug/l	75
78) n-propylbenzene	13.035	91	774409	45.339	ug/l	96
79) 2-Chlorotoluene	13.129	91	480866	44.250	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	522789	43.936	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	85038	42.495	ug/l	96
82) 4-Chlorotoluene	13.223	91	472061	44.744	ug/l	95
83) tert-Butylbenzene	13.441	119	433046	43.702	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	538018	45.278	ug/l	96
85) sec-Butylbenzene	13.617	105	629507	45.101	ug/l	97
86) p-Isopropyltoluene	13.729	119	505668	45.120	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	259145	47.200	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	265223	49.055	ug/l	97
89) n-Butylbenzene	14.059	91	480730	46.083	ug/l	97
90) Hexachloroethane	14.335	117	94740	42.973	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	261549	49.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40465	39.361	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	144117	48.943	ug/l	99
94) Hexachlorobutadiene	15.506	225	47381	43.656	ug/l	98
95) Naphthalene	15.641	128	534377	48.027	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	142818	50.517	ug/l	97

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VSTDCCC050

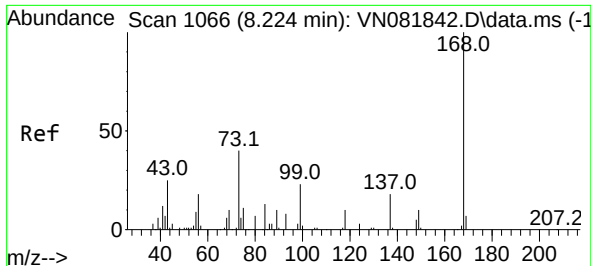
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 00:48:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

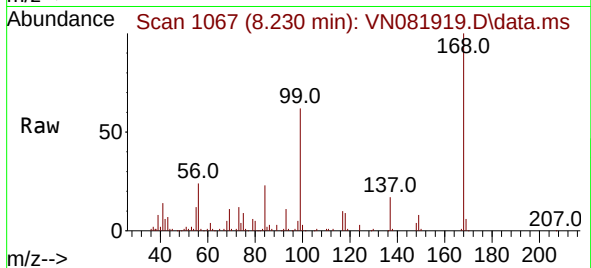
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
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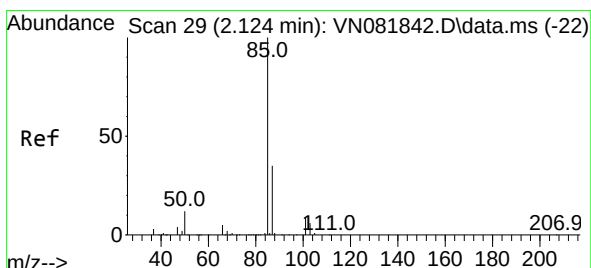
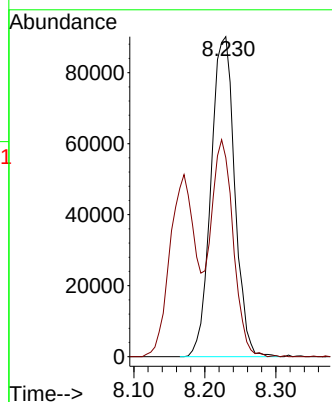
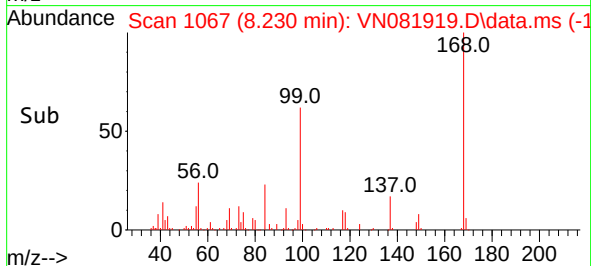
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 20873
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4

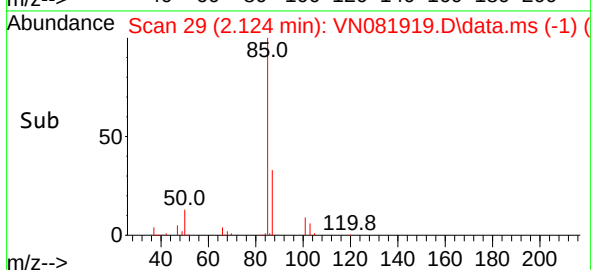
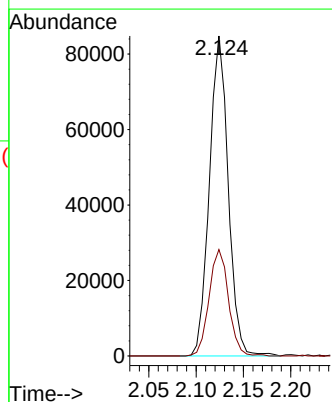
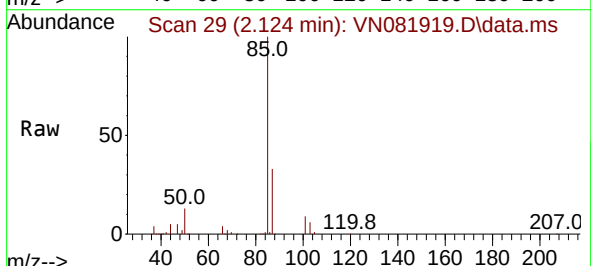
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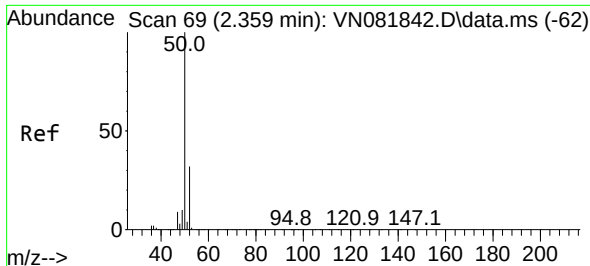
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#2
Dichlorodifluoromethane
Concen: 40.084 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

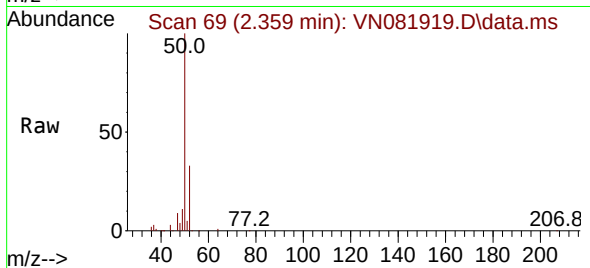
Tgt Ion: 85 Resp: 117448
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 45.188 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

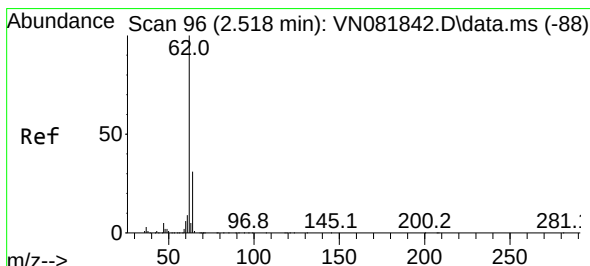
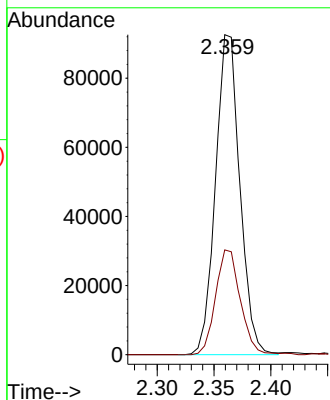
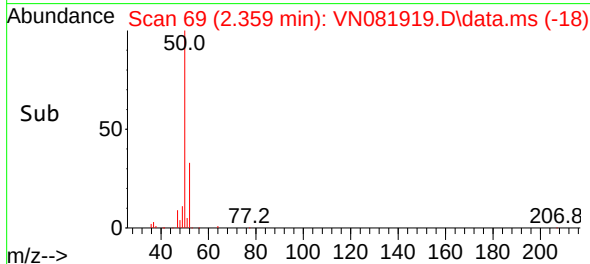
Instrument :
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Tgt Ion: 50 Resp: 138120
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

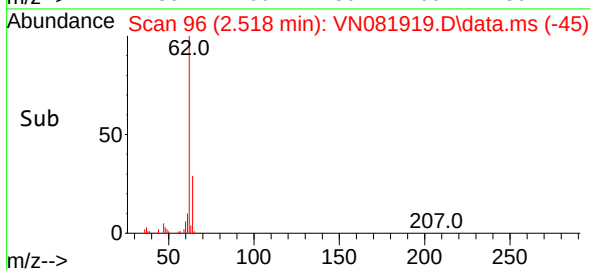
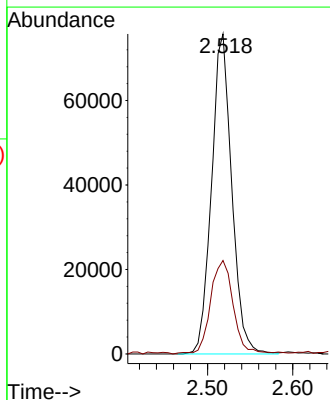
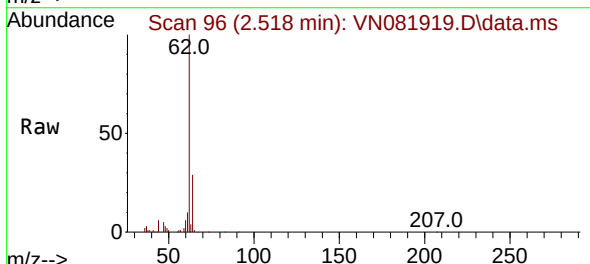
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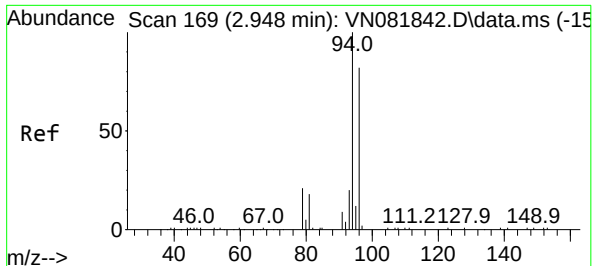
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#4
Vinyl Chloride
Concen: 45.117 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081919.D
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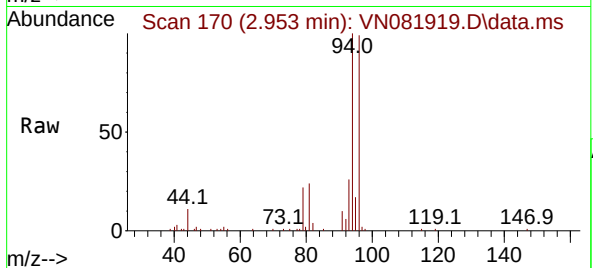
Tgt Ion: 62 Resp: 124839
Ion Ratio Lower Upper
62 100
64 28.9 24.6 37.0





#5
Bromomethane
Concen: 54.749 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

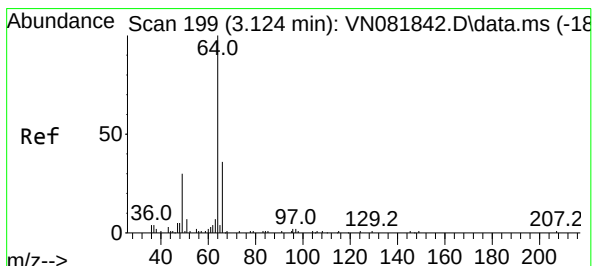
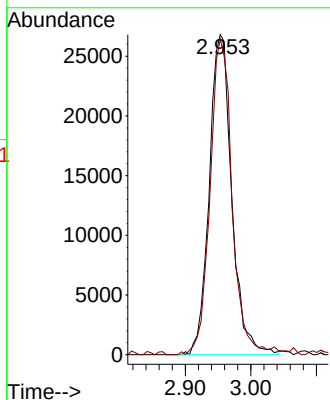
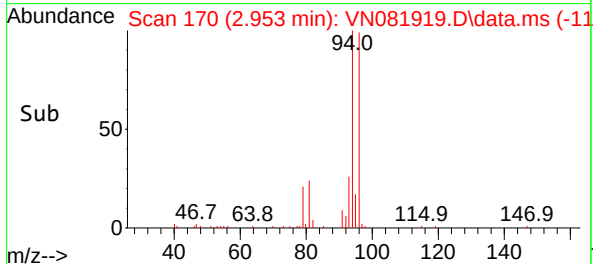
Instrument :
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Tgt Ion: 94 Resp: 6387
Ion Ratio Lower Upper
94 100
96 98.6 74.8 112.2

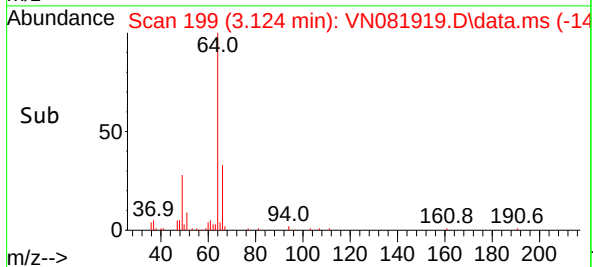
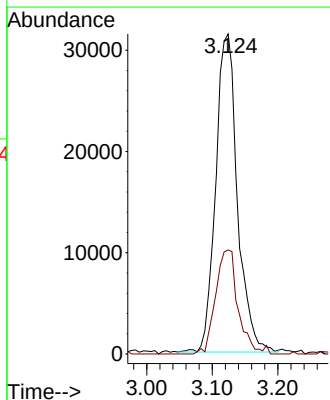
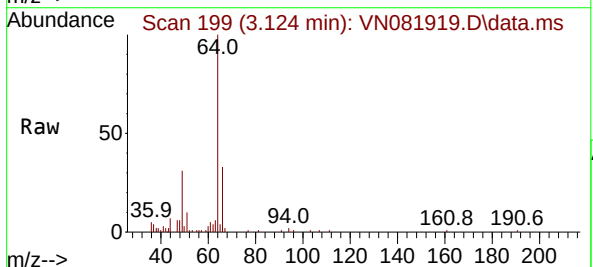
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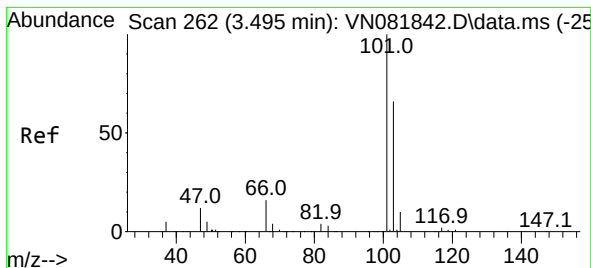
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#6
Chloroethane
Concen: 51.601 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion: 64 Resp: 72163
Ion Ratio Lower Upper
64 100
66 32.7 24.7 37.1





#7

Trichlorofluoromethane

Concen: 41.339 ug/l

RT: 3.500 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 17694

Ion Ratio Lower Upper

101 100

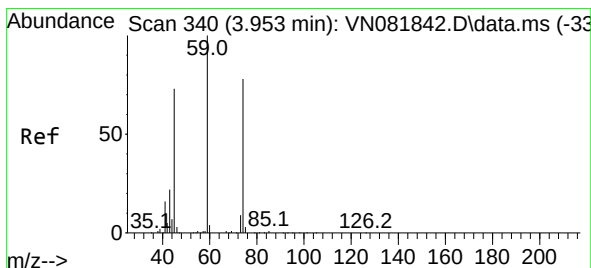
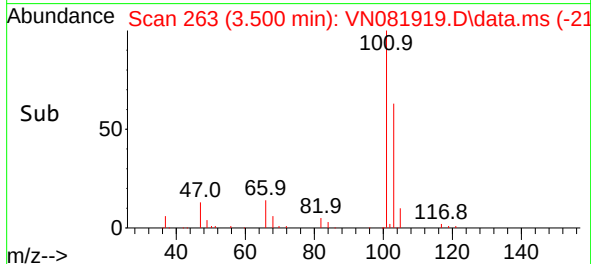
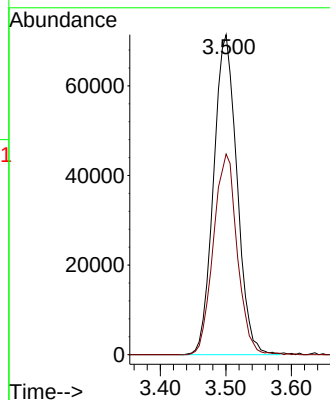
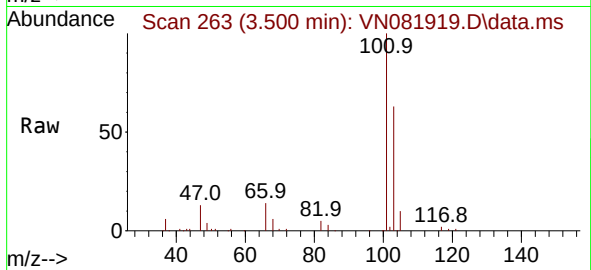
103 62.7 50.6 75.8

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 05/01/2024



#8

Diethyl Ether

Concen: 54.673 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.006 min

Lab File: VN081919.D

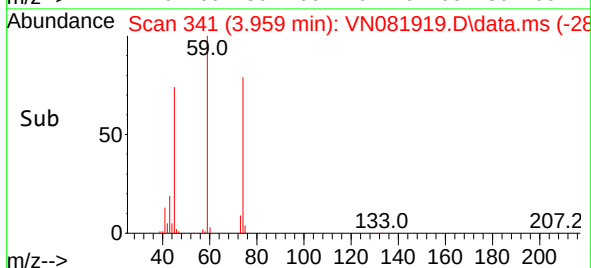
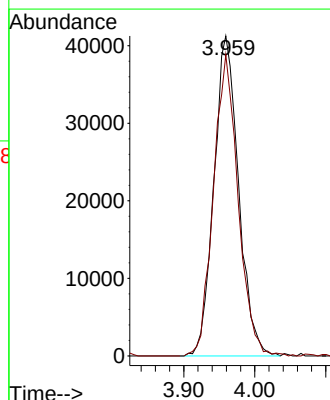
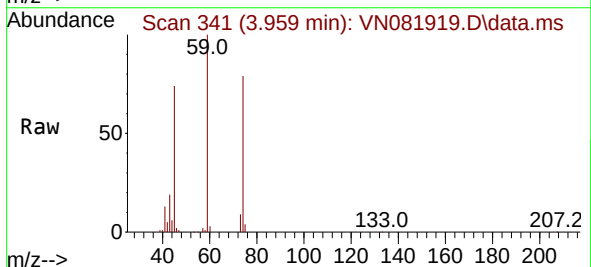
Acq: 30 Apr 2024 09:59

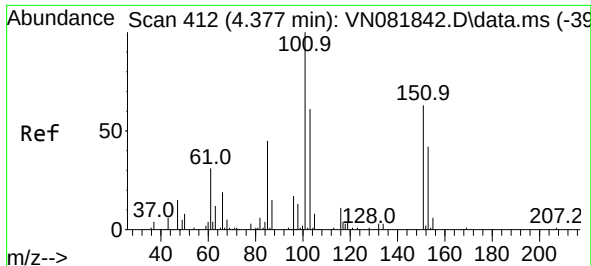
Tgt Ion: 74 Resp: 99409

Ion Ratio Lower Upper

74 100

45 94.2 42.4 127.3





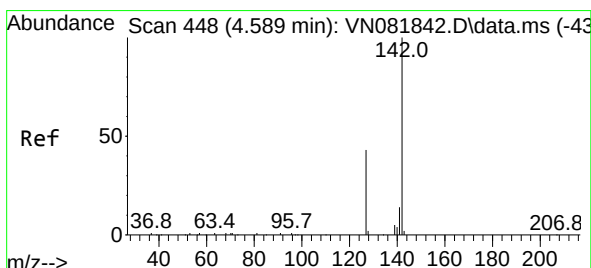
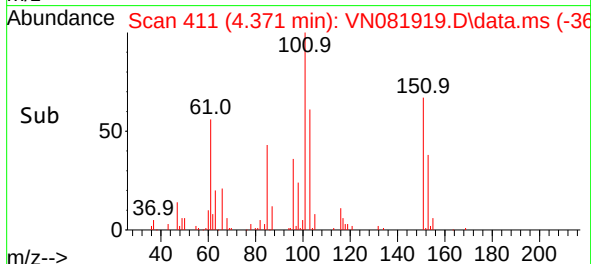
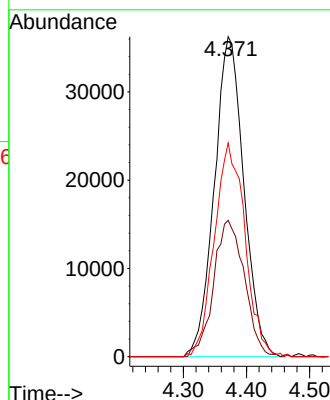
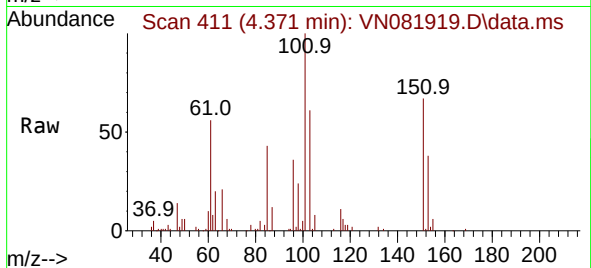
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.376 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 117730
Ion Ratio Lower Upper
101 100
85 44.4 37.3 55.9
151 69.4 59.2 88.8

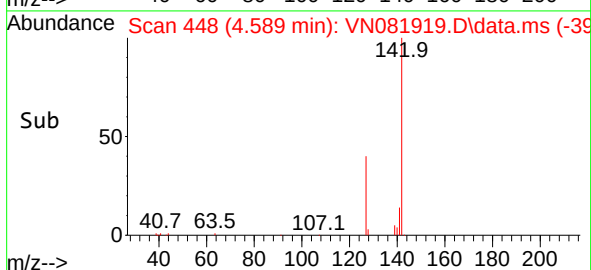
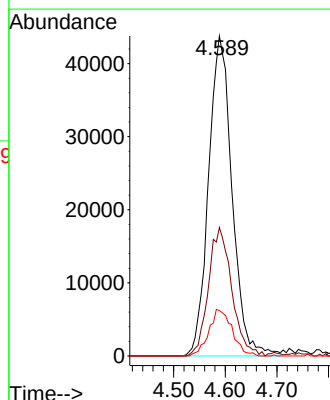
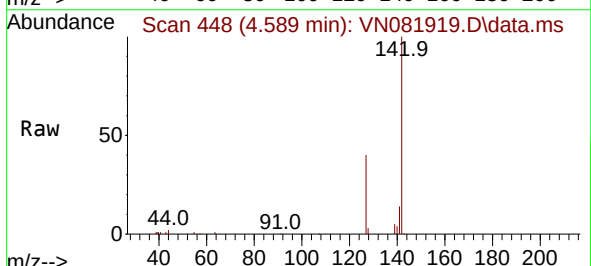
Manual Integrations
APPROVED

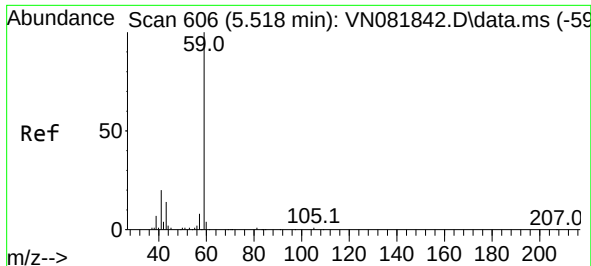
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#10
Methyl Iodide
Concen: 63.624 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

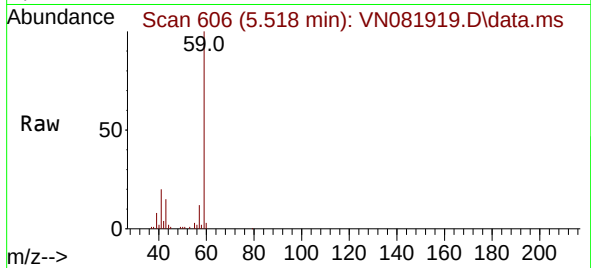
Tgt Ion:142 Resp: 138481
Ion Ratio Lower Upper
142 100
127 40.1 35.8 53.6
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 227.216 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

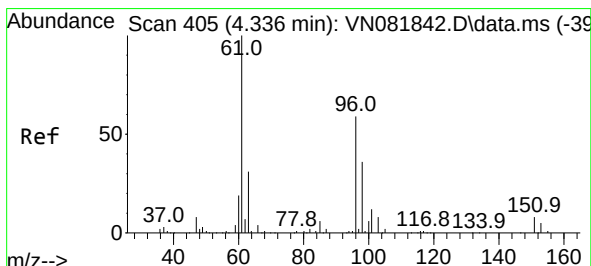
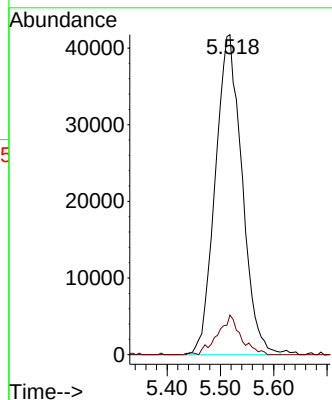
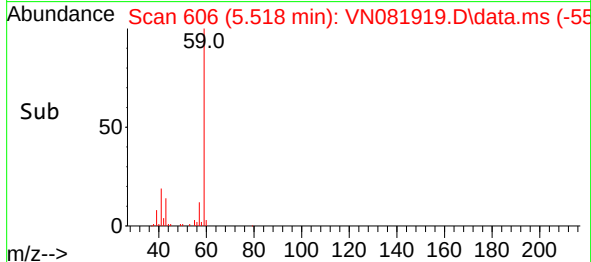
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



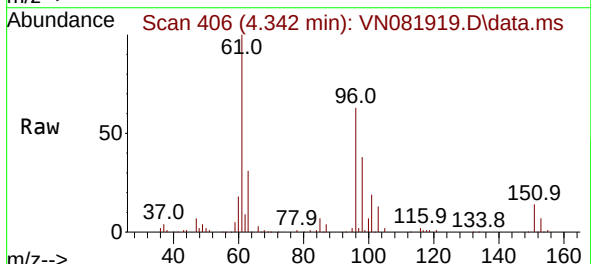
Tgt Ion: 59 Resp: 14551
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

Manual Integrations
APPROVED

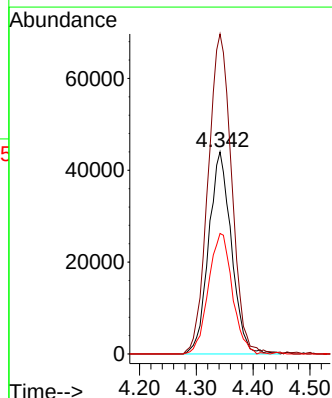
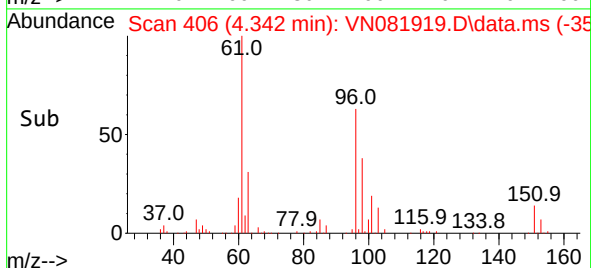
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

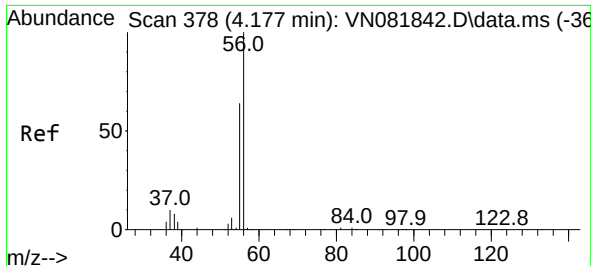


#12
1,1-Dichloroethene
Concen: 48.295 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



Tgt Ion: 96 Resp: 122094
Ion Ratio Lower Upper
96 100
61 158.4 119.7 179.5
98 59.6 49.6 74.4





#13

Acrolein

Concen: 219.734 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 11022

Ion Ratio Lower Upper

56 100

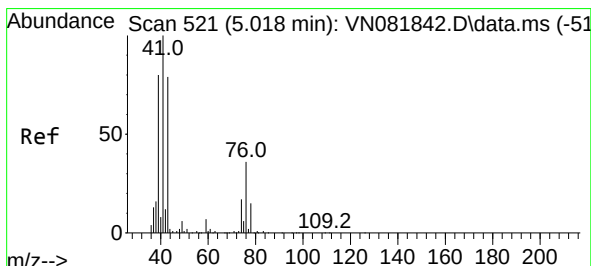
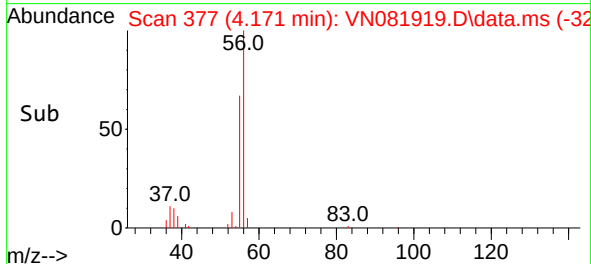
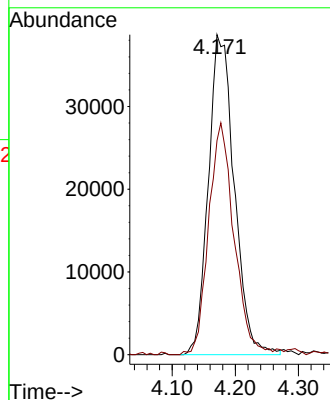
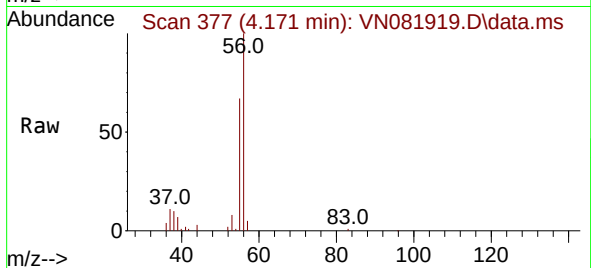
55 70.8 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#14

Allyl chloride

Concen: 42.233 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

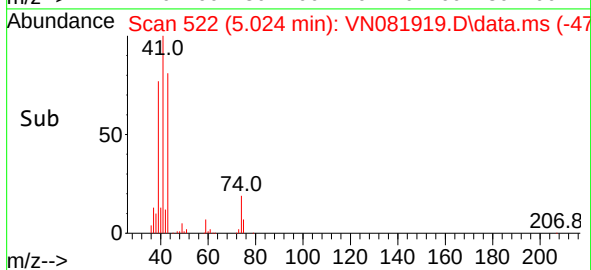
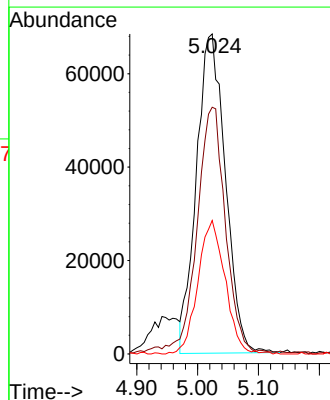
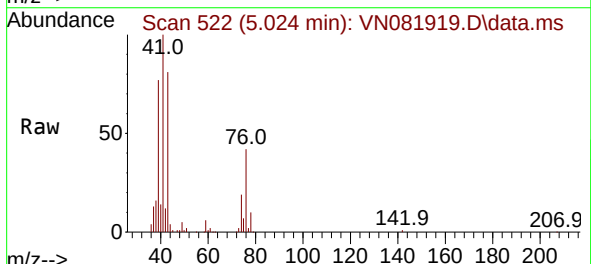
Tgt Ion: 41 Resp: 225845

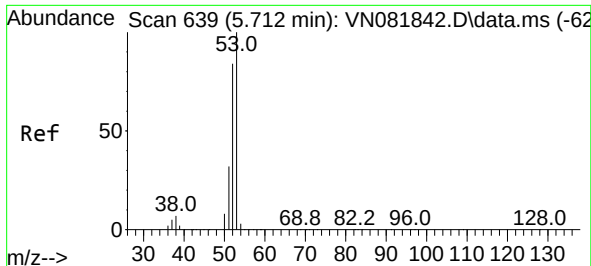
Ion Ratio Lower Upper

41 100

39 76.8 65.4 98.0

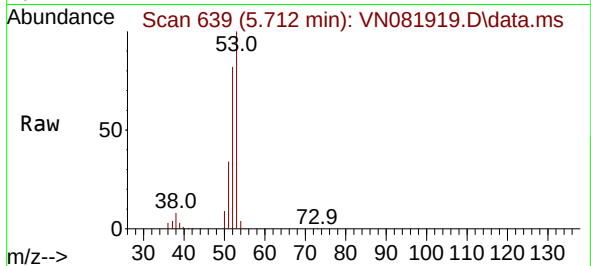
76 39.4 37.3 55.9





#15
Acrylonitrile
Concen: 249.530 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

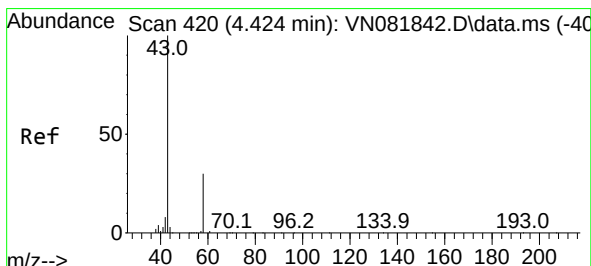
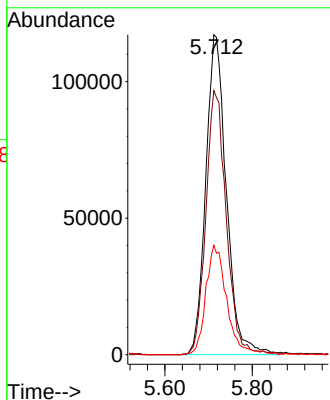
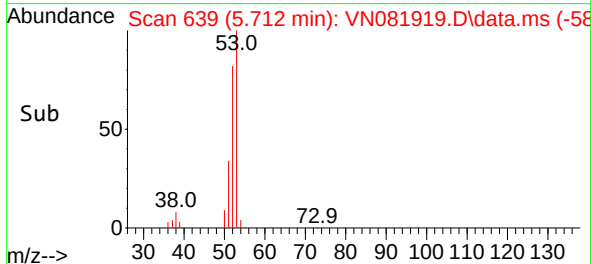
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



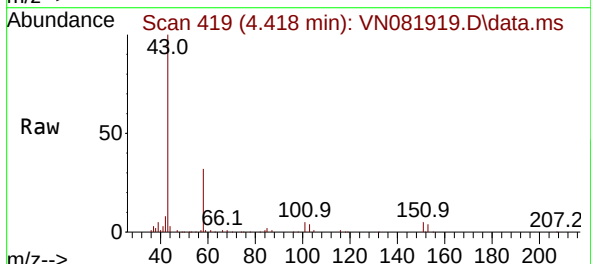
Tgt Ion: 53 Resp: 383728
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 34.8 29.4 44.2

Manual Integrations
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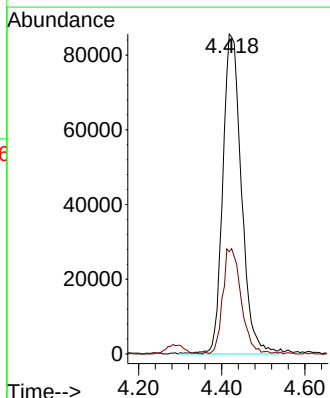
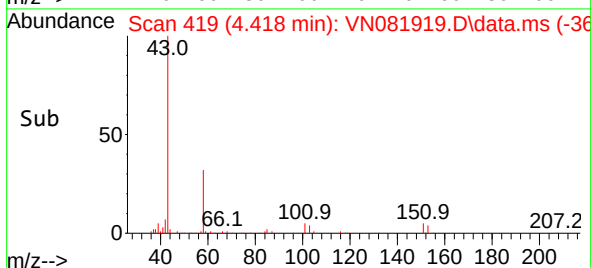
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

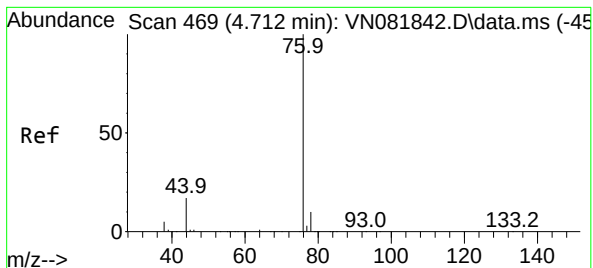


#16
Acetone
Concen: 256.365 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



Tgt Ion: 43 Resp: 266920
Ion Ratio Lower Upper
43 100
58 31.7 25.2 37.8





#17

Carbon Disulfide

Concen: 43.859 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 33326

Ion Ratio Lower Upper

76 100

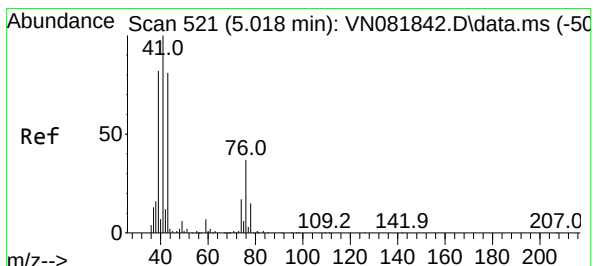
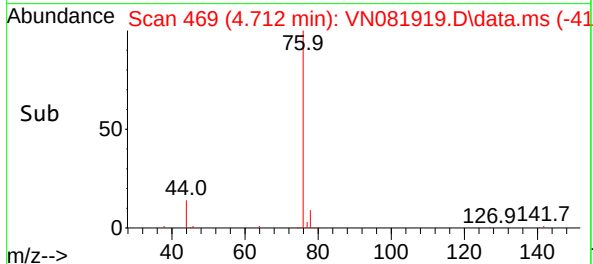
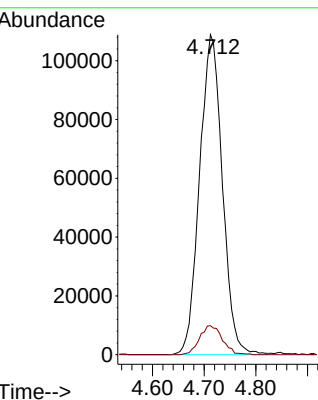
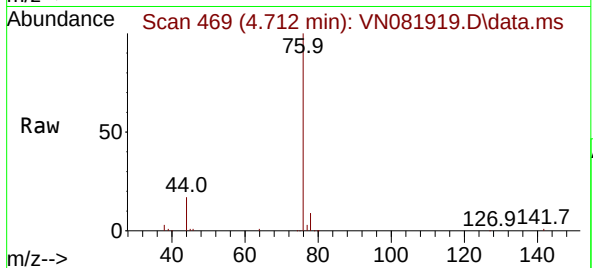
78 9.1 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#18

Methyl Acetate

Concen: 50.137 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081919.D

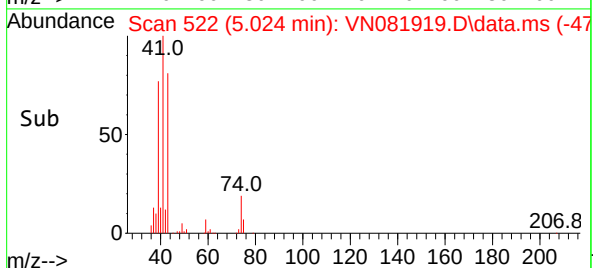
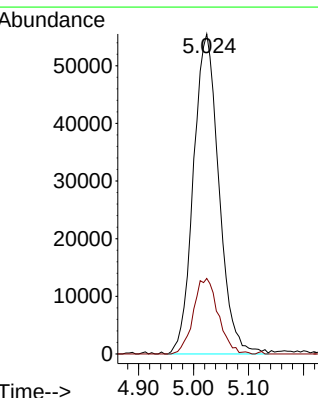
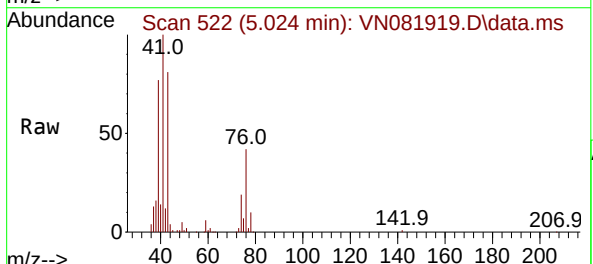
Acq: 30 Apr 2024 09:59

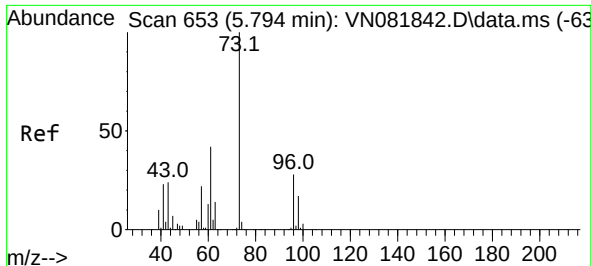
Tgt Ion: 43 Resp: 178902

Ion Ratio Lower Upper

43 100

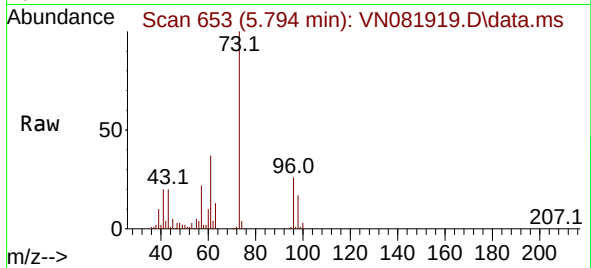
74 23.0 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 51.375 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

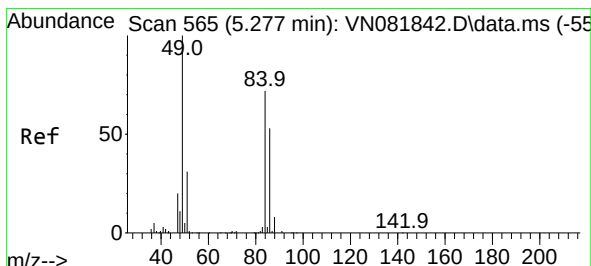
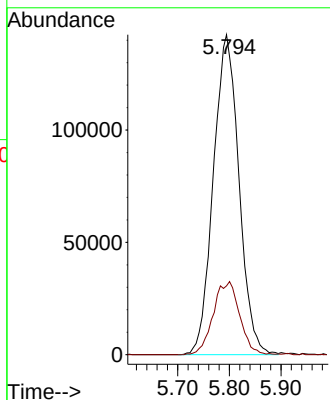
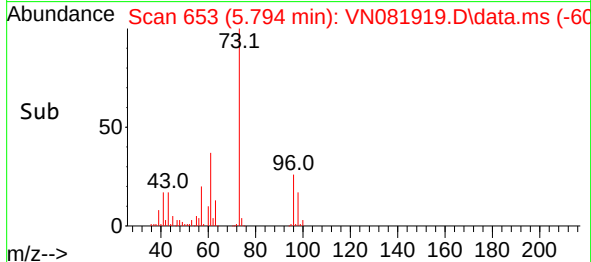
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 49009
Ion Ratio Lower Upper
73 100
57 21.5 16.5 24.7

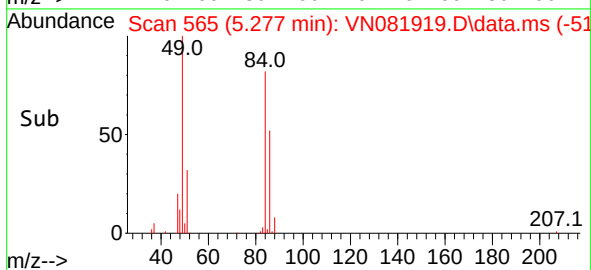
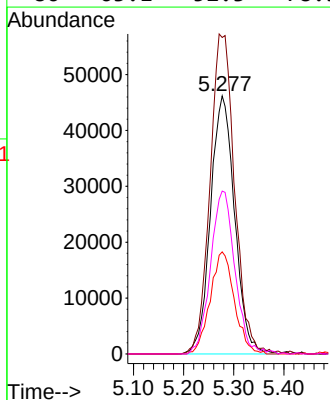
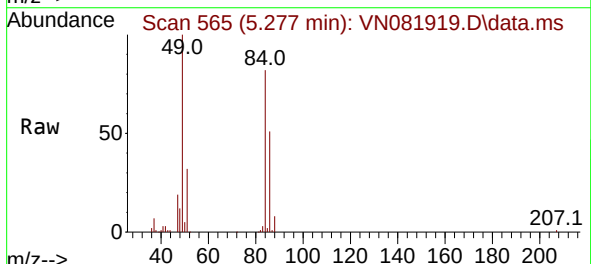
Manual Integrations
APPROVED

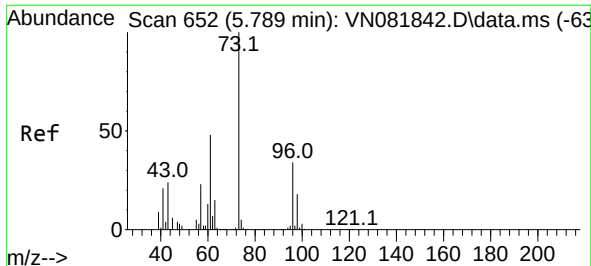
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#20
Methylene Chloride
Concen: 51.151 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion: 84 Resp: 154425
Ion Ratio Lower Upper
84 100
49 122.6 84.9 127.3
51 39.6 27.0 40.6
86 63.1 52.3 78.5





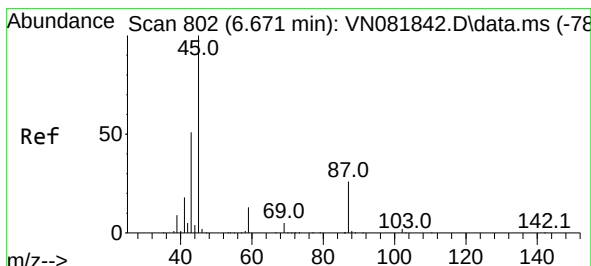
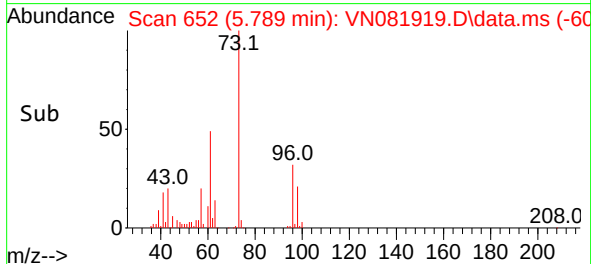
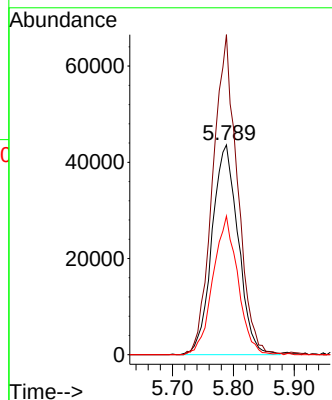
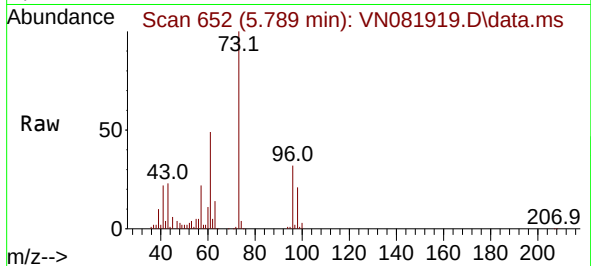
#21
trans-1,2-Dichloroethene
Concen: 47.335 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 130470
Ion Ratio Lower Upper
96 100
61 152.5 96.5 144.7
98 66.1 51.3 76.9

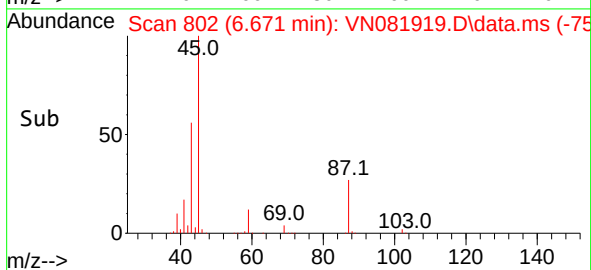
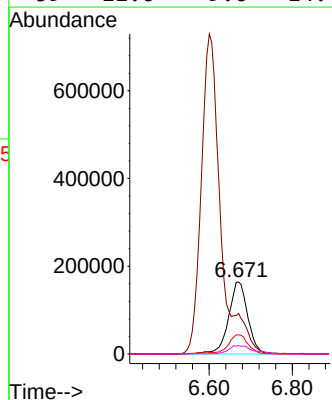
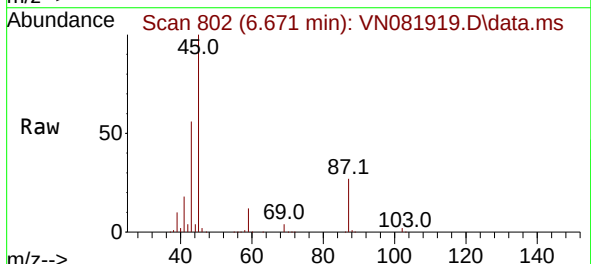
Manual Integrations
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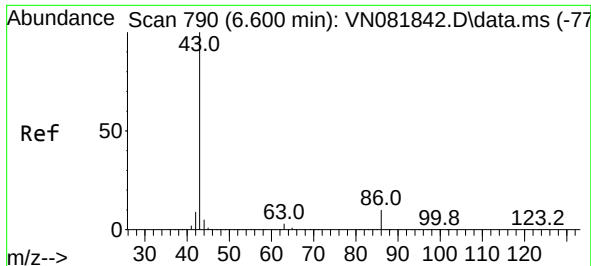
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#22
Diisopropyl ether
Concen: 50.655 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion: 45 Resp: 524168
Ion Ratio Lower Upper
45 100
43 56.0 44.1 66.1
87 26.5 27.0 40.6
59 11.6 9.6 14.4





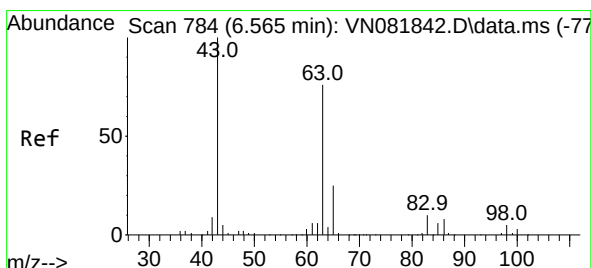
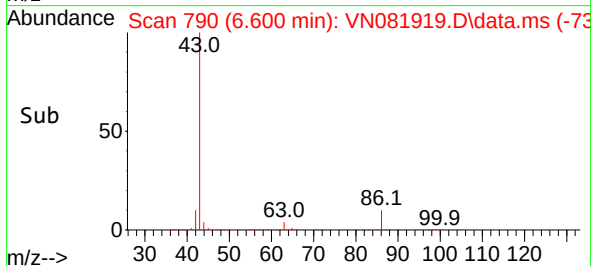
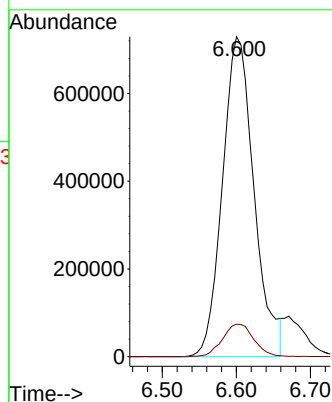
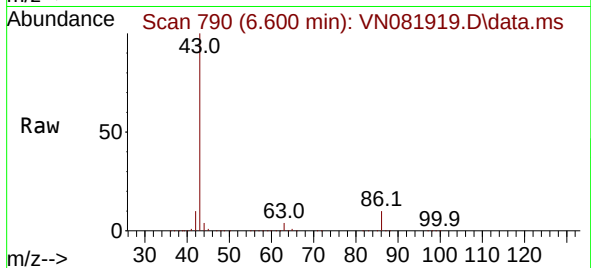
#23
 Vinyl Acetate
 Concen: 256.792 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081919.D
 Acq: 30 Apr 2024 09:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 215906
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.2 15.4

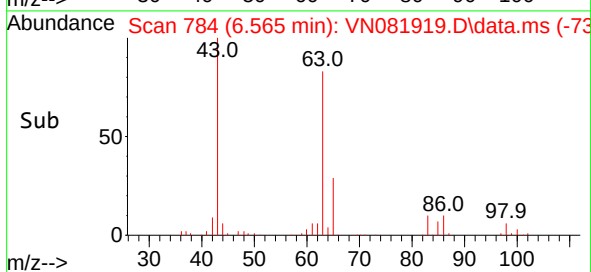
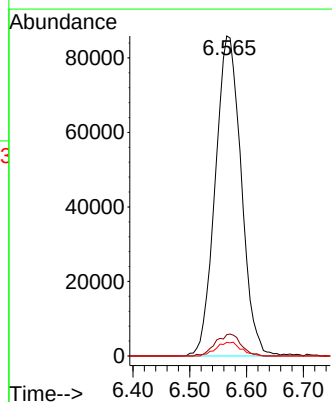
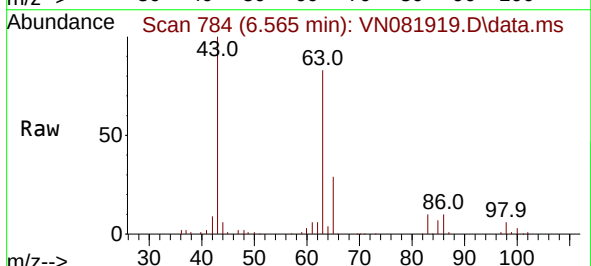
Manual Integrations
 APPROVED

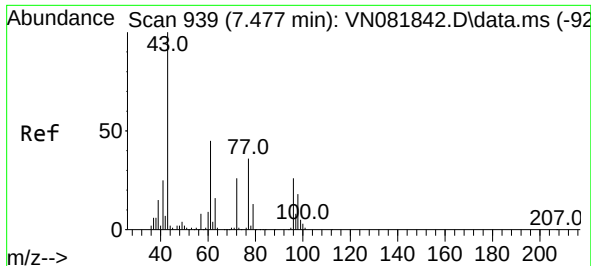
Reviewed By :John Carlone 05/01/2024
 Supervised By :Semsettin Yesilyurt 05/01/2024



#24
 1,1-Dichloroethane
 Concen: 50.517 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081919.D
 Acq: 30 Apr 2024 09:59

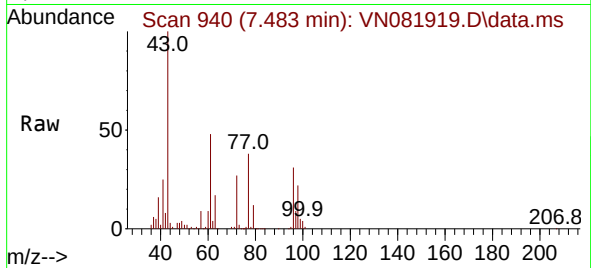
Tgt Ion: 63 Resp: 272083
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.2 2.6 7.8





#25
2-Butanone
Concen: 238.971 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

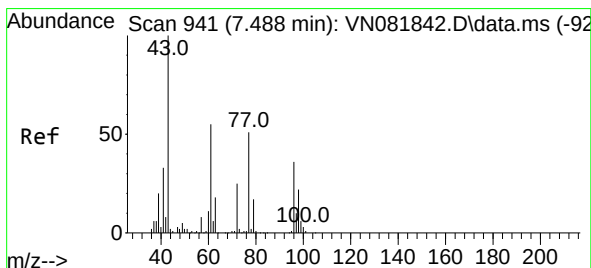
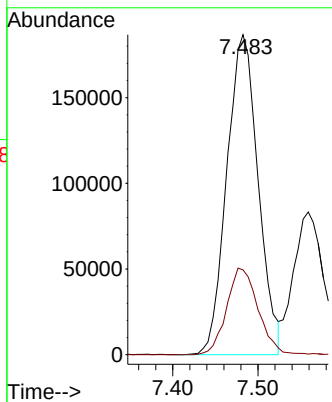
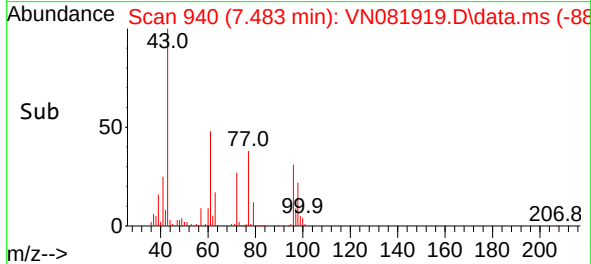
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 477814
Ion Ratio Lower Upper
43 100
72 26.6 25.3 37.9

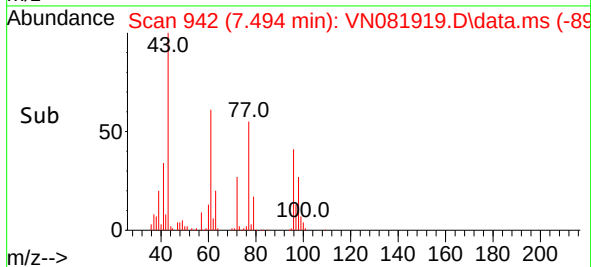
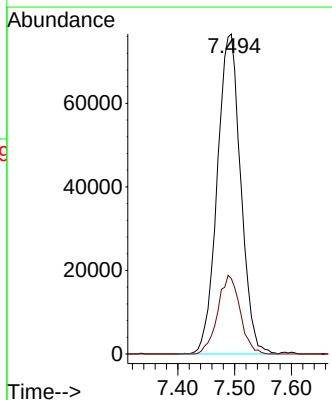
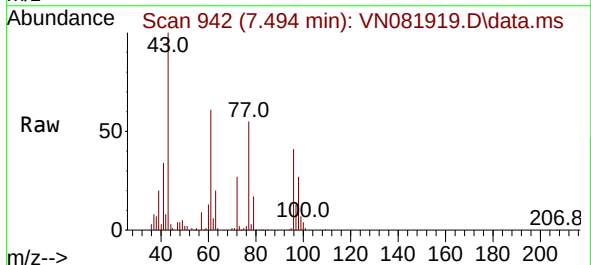
Manual Integrations
APPROVED

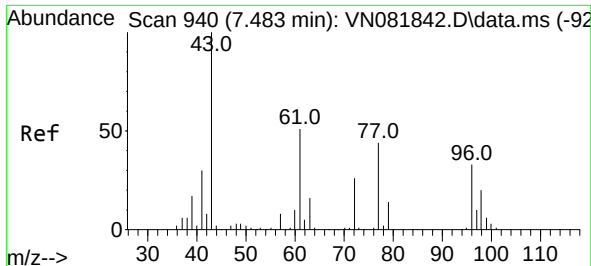
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#26
2,2-Dichloropropane
Concen: 44.375 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

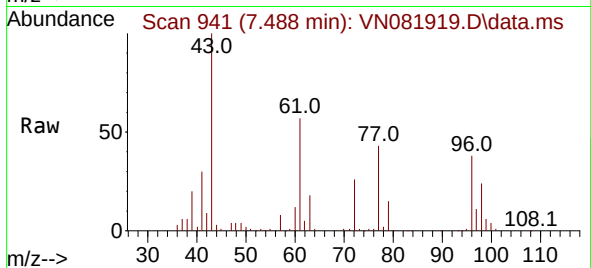
Tgt Ion: 77 Resp: 219857
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 52.877 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

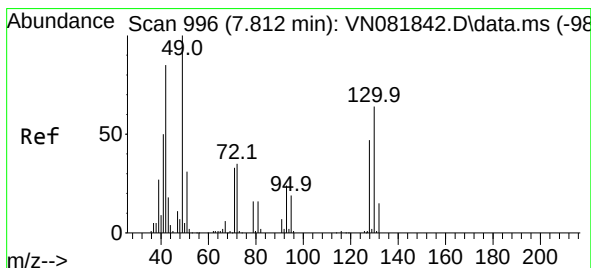
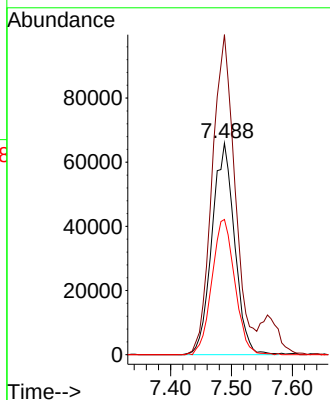
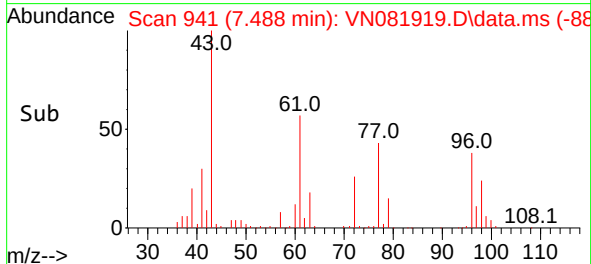
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 96 Resp: 17031
Ion Ratio Lower Upper
96 100
61 153.0 0.0 268.0
98 64.8 0.0 126.8

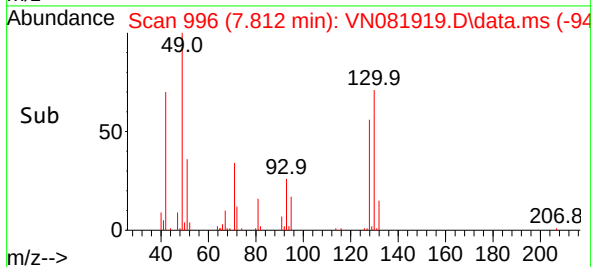
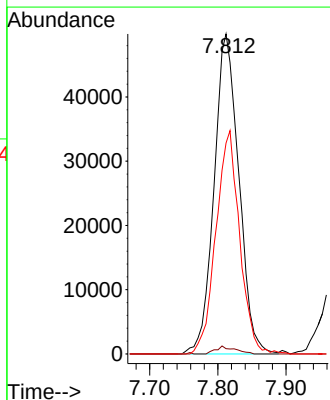
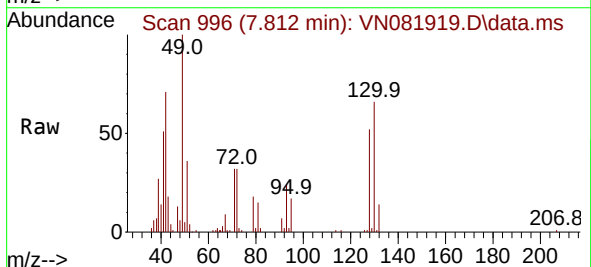
Manual Integrations
APPROVED

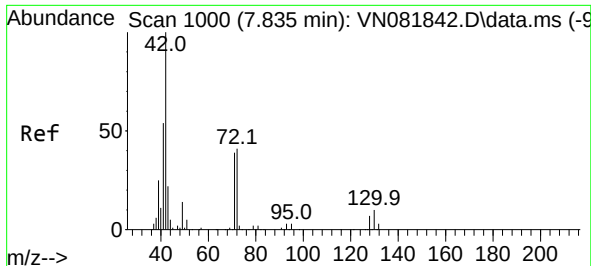
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#28
Bromochloromethane
Concen: 49.184 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion: 49 Resp: 125902
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 67.0 66.7 100.1





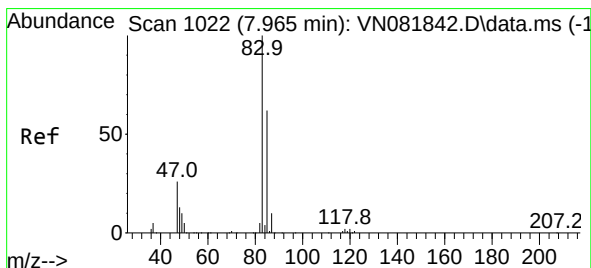
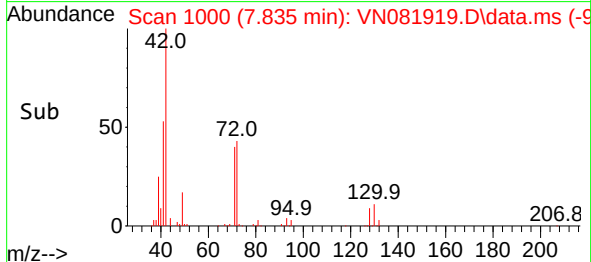
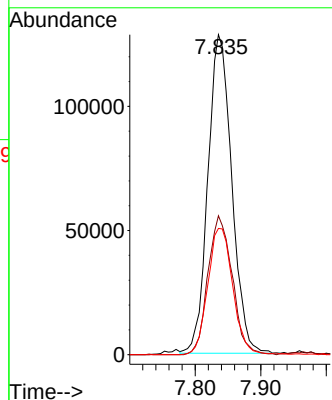
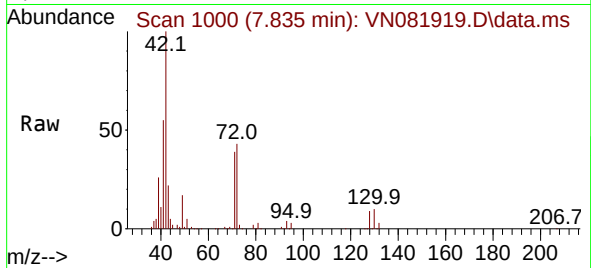
#29
Tetrahydrofuran
Concen: 226.350 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 324550
Ion Ratio Lower Upper
42 100
72 44.2 39.3 58.9
71 41.6 37.4 56.0

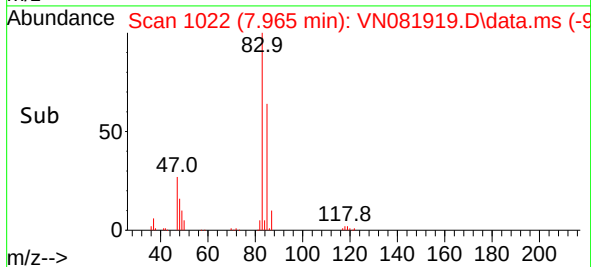
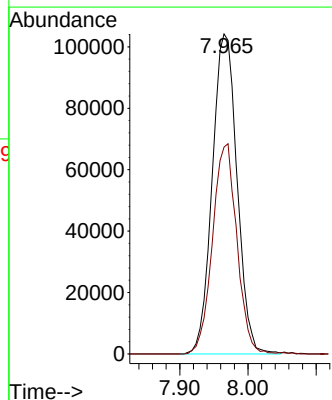
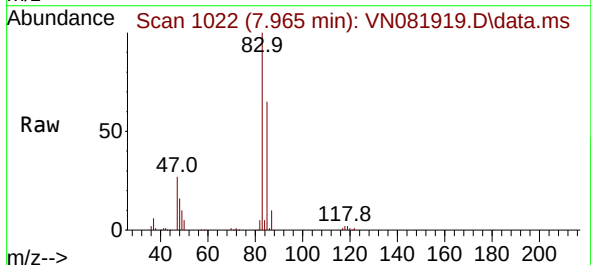
Manual Integrations
APPROVED

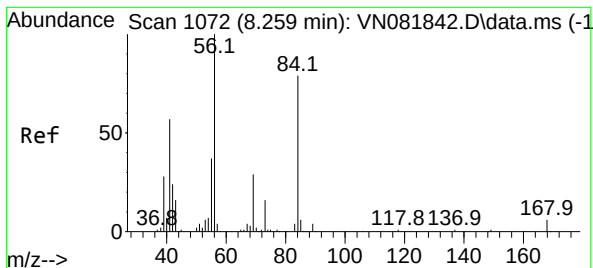
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#30
Chloroform
Concen: 49.364 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion: 83 Resp: 263537
Ion Ratio Lower Upper
83 100
85 64.7 50.7 76.1





#31

Cyclohexane

Concen: 41.600 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 22076

Ion Ratio Lower Upper

56 100

69 32.1 24.4 36.6

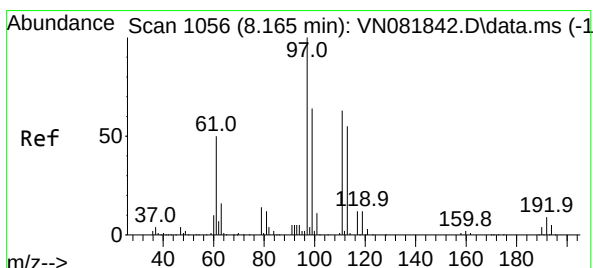
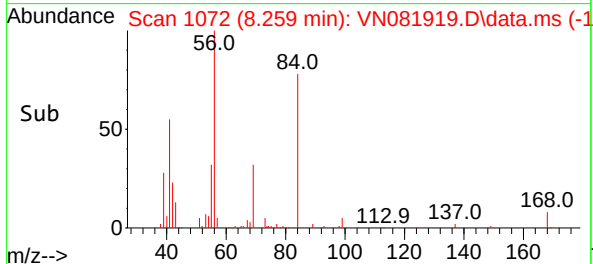
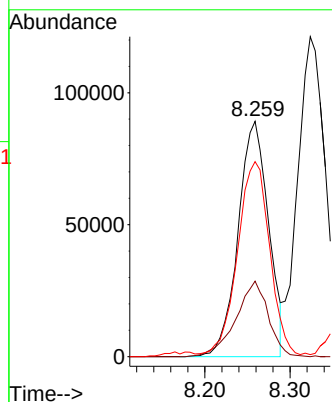
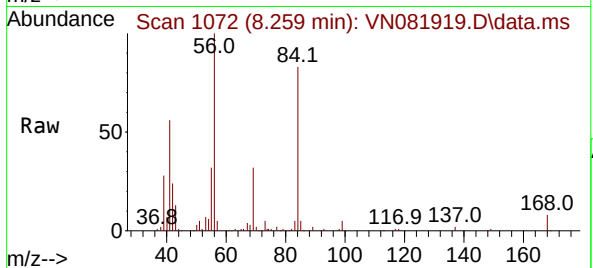
84 81.7 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#32

1,1,1-Trichloroethane

Concen: 43.992 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

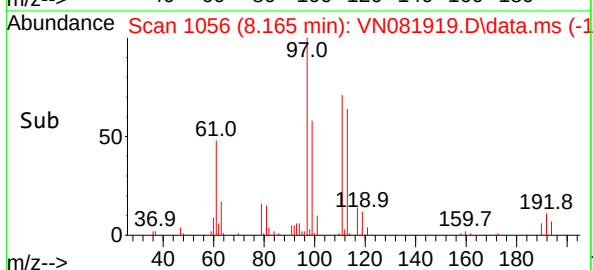
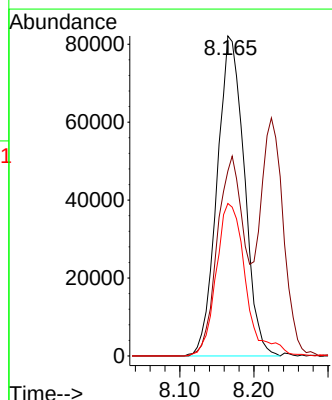
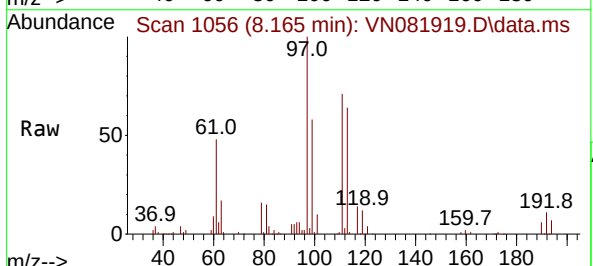
Tgt Ion: 97 Resp: 209443

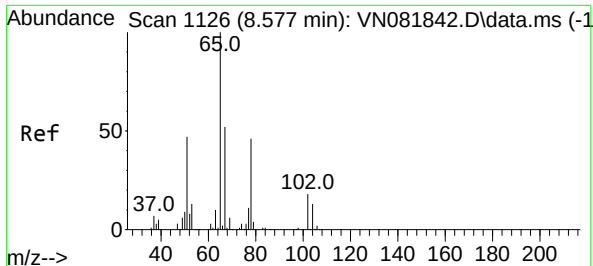
Ion Ratio Lower Upper

97 100

99 60.4 50.3 75.5

61 51.9 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 51.799 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

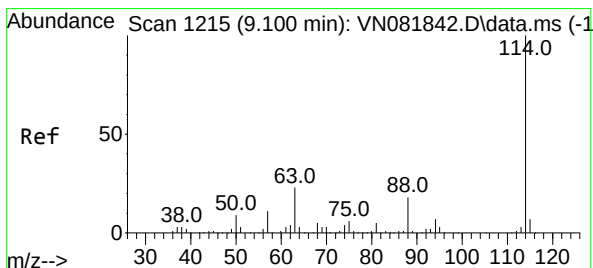
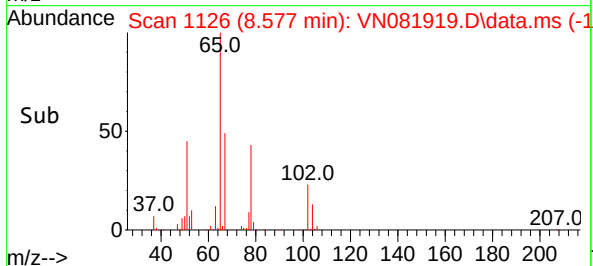
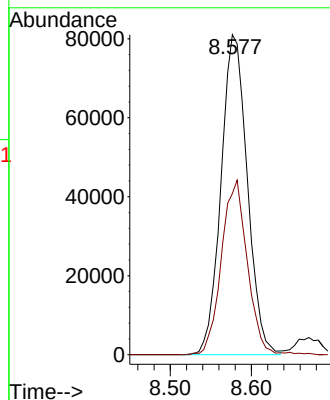
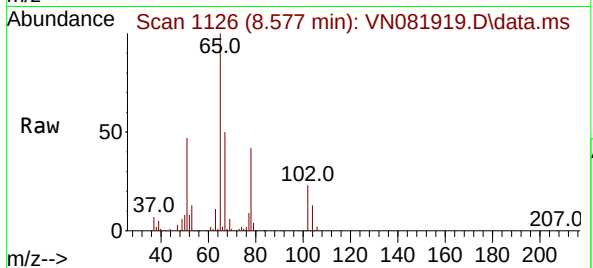
Tgt Ion: 65 Resp: 182480
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0

Manual Integrations

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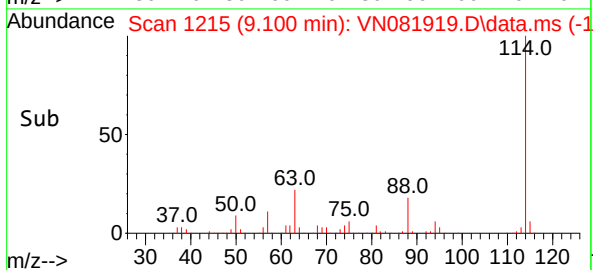
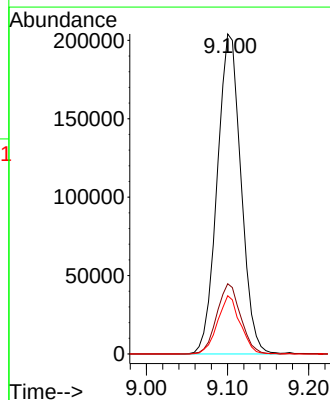
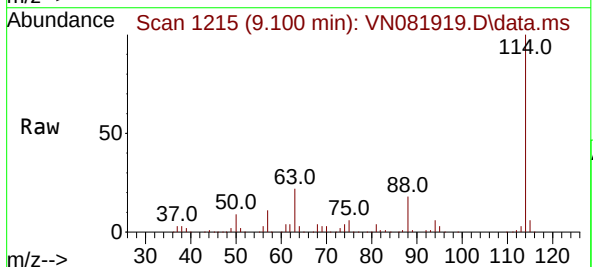
Reviewed By :John Carlone 05/01/2024

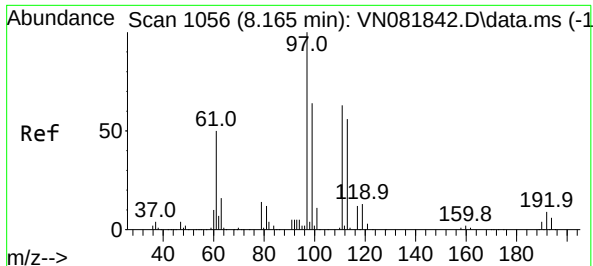
Supervised By :Semsettin Yesilyurt 05/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion:114 Resp: 415802
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.0
88 18.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.275 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 133374

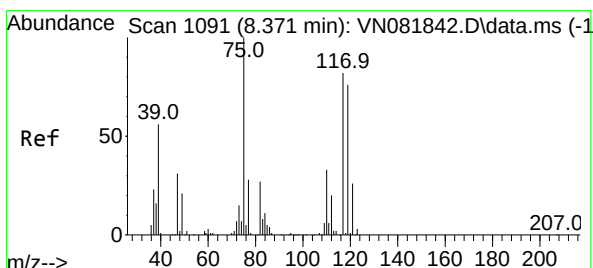
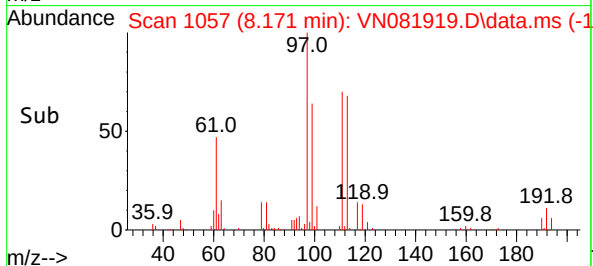
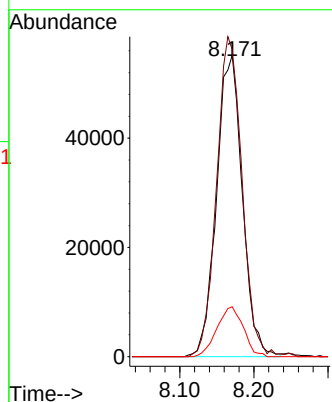
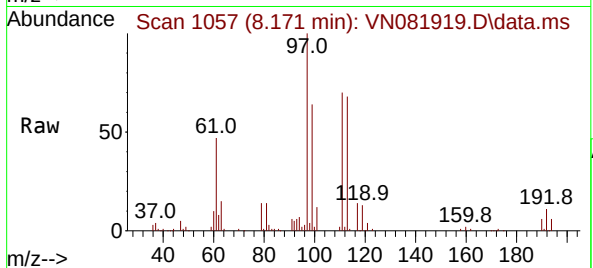
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.2
192	17.0	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#36

1,1-Dichloropropene

Concen: 44.706 ug/l

RT: 8.371 min Scan# 1091

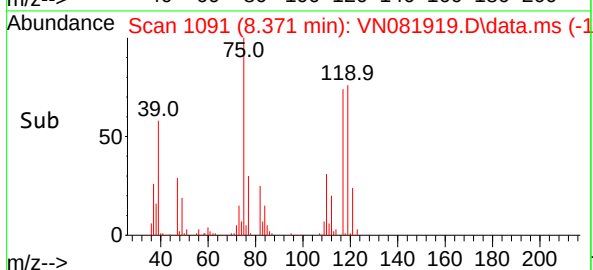
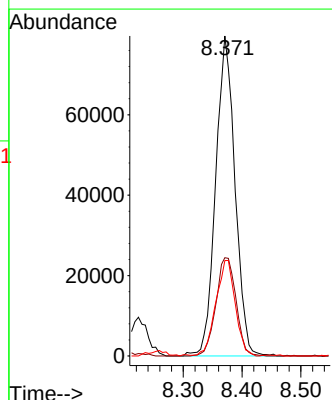
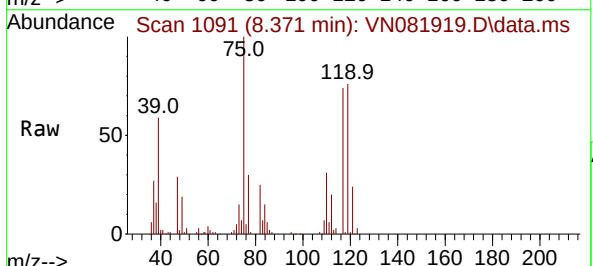
Delta R.T. 0.000 min

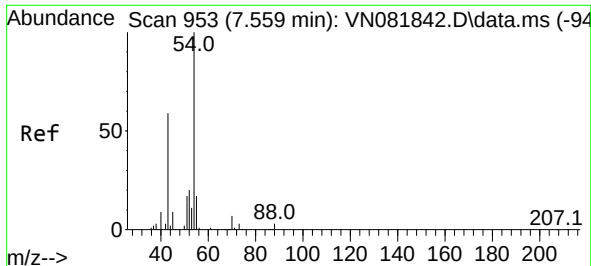
Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Tgt Ion: 75 Resp: 182080

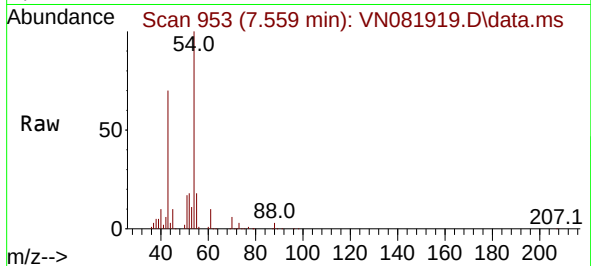
Ion	Ratio	Lower	Upper
75	100		
110	31.8	17.8	53.5
77	30.0	25.0	37.4





#37
Ethyl Acetate
Concen: 47.298 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

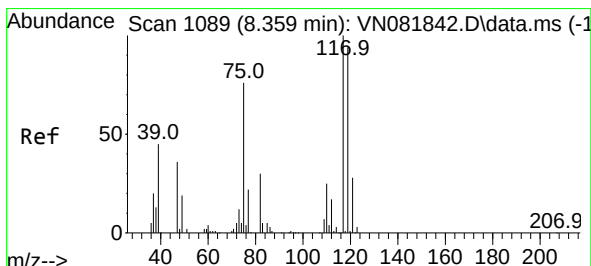
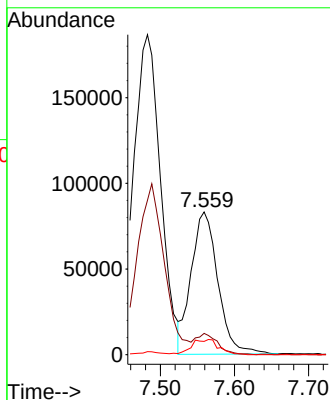
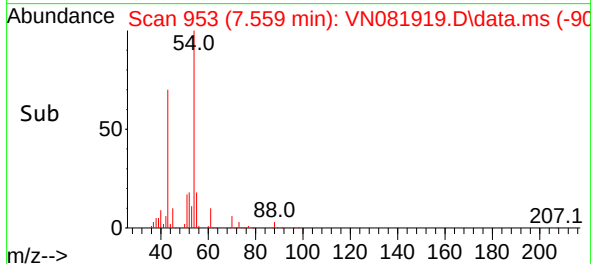
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 208284
Ion Ratio Lower Upper
43 100
61 12.1 11.3 16.9
70 10.9 8.7 13.1

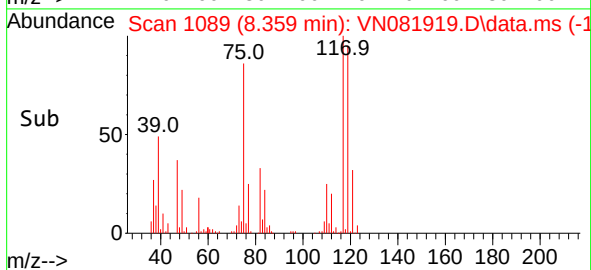
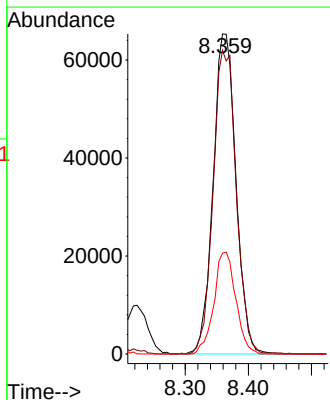
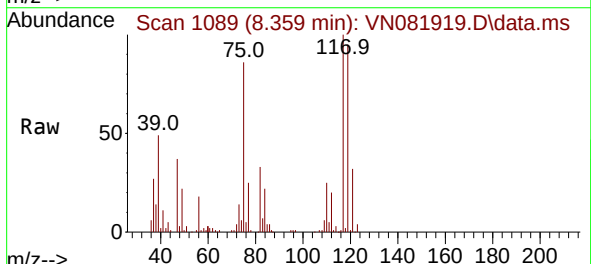
Manual Integrations
APPROVED

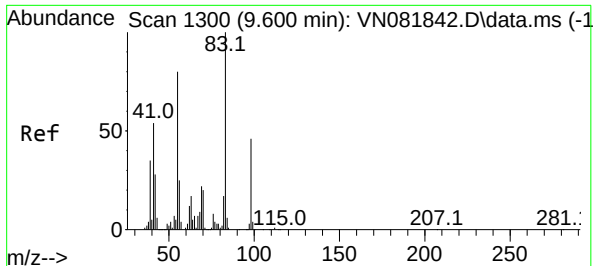
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#38
Carbon Tetrachloride
Concen: 41.121 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion:117 Resp: 163686
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7
121 31.5 23.9 35.9





#39

Methylcyclohexane

Concen: 41.970 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 20760

Ion Ratio Lower Upper

83 100

55 76.3 53.0 79.6

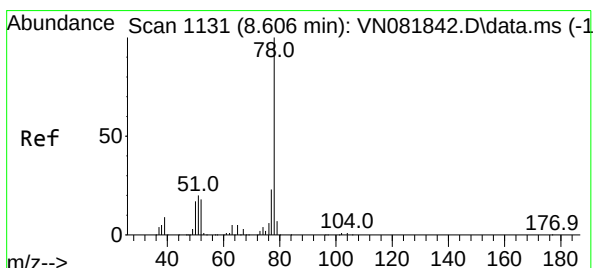
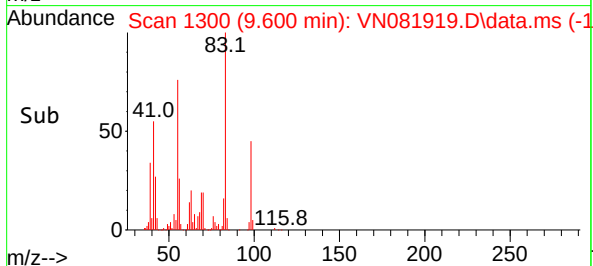
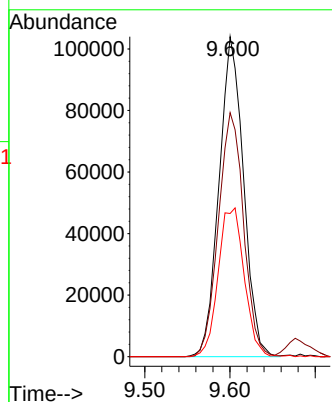
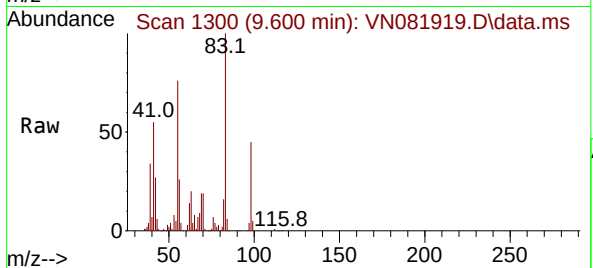
98 44.7 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#40

Benzene

Concen: 49.744 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081919.D

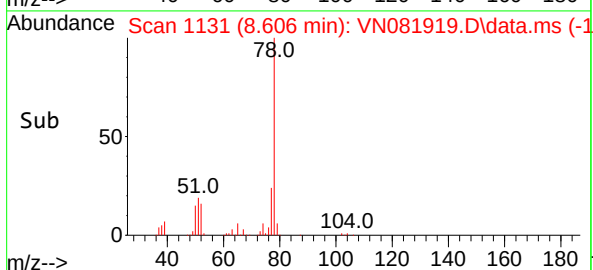
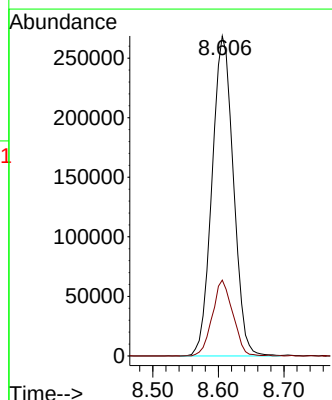
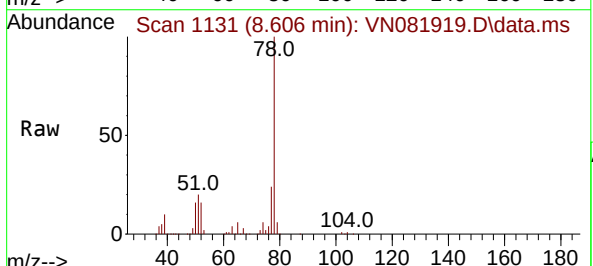
Acq: 30 Apr 2024 09:59

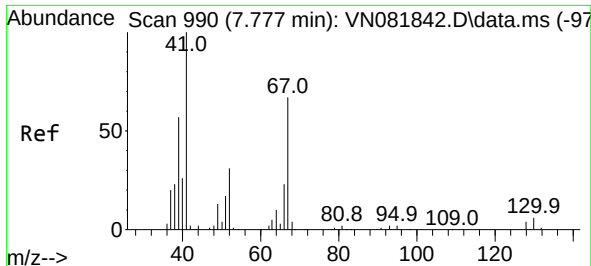
Tgt Ion: 78 Resp: 608188

Ion Ratio Lower Upper

78 100

77 23.7 20.0 30.0





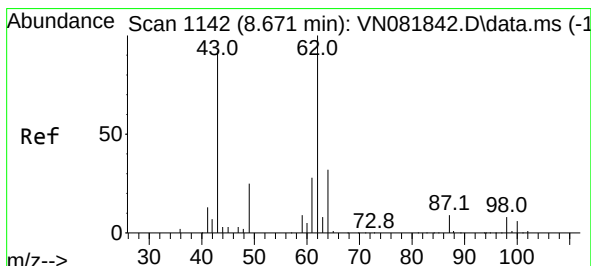
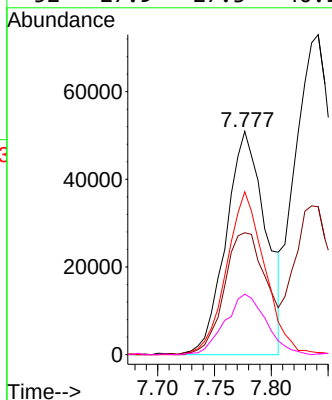
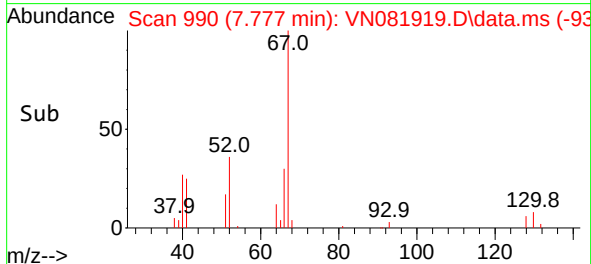
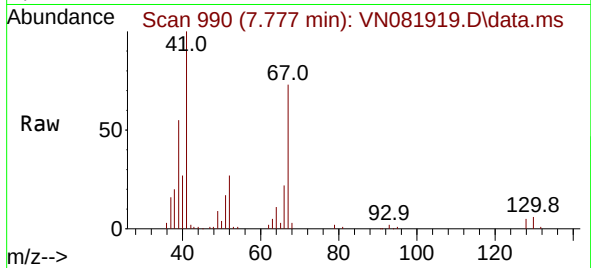
#41
Methacrylonitrile
Concen: 44.206 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 124212
Ion Ratio Lower Upper
41 100
39 58.1 46.6 69.8
67 70.4 67.3 100.9
52 27.9 27.3 40.9

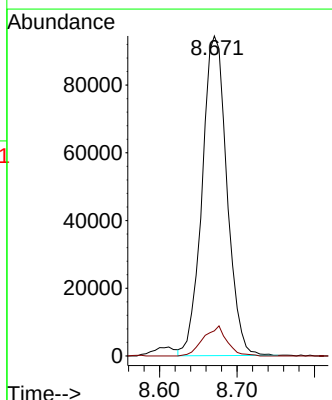
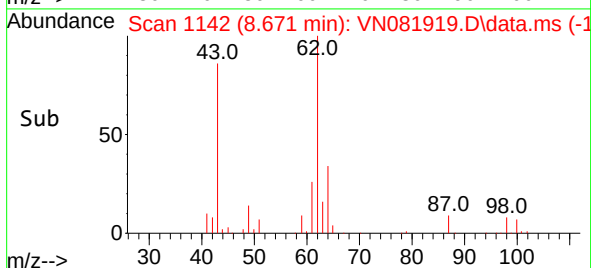
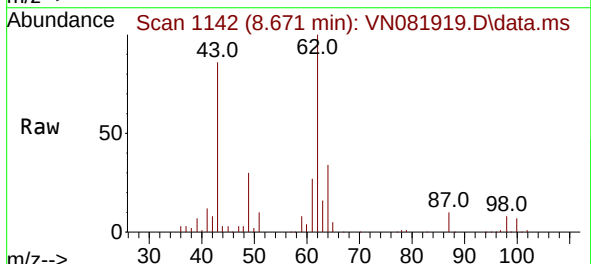
Manual Integrations
APPROVED

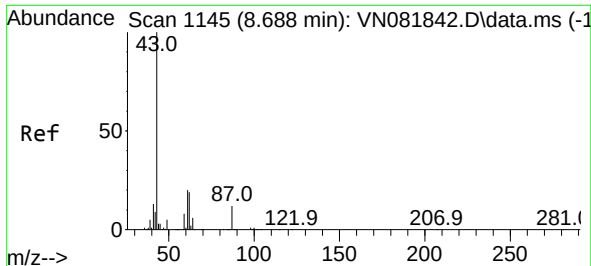
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#42
1,2-Dichloroethane
Concen: 46.155 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

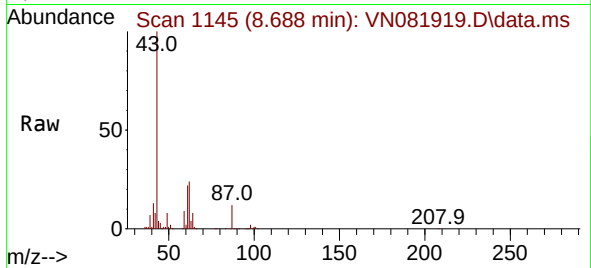
Tgt Ion: 62 Resp: 209546
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.6





#43
Isopropyl Acetate
Concen: 45.865 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

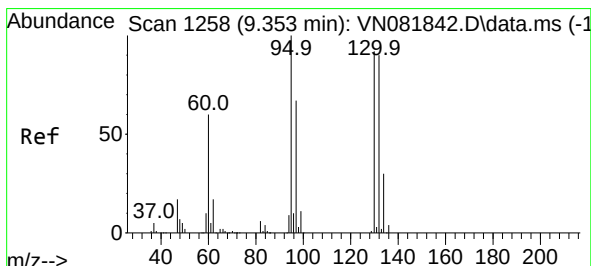
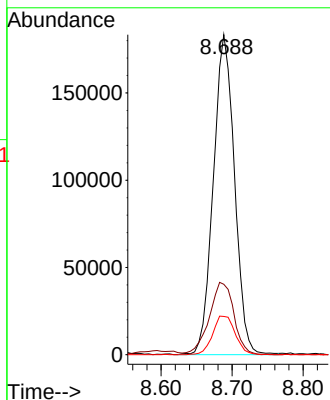
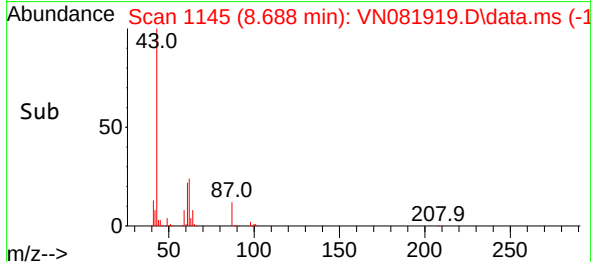
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 379764
Ion Ratio Lower Upper
43 100
61 26.3 22.8 34.2
87 12.8 12.0 18.0

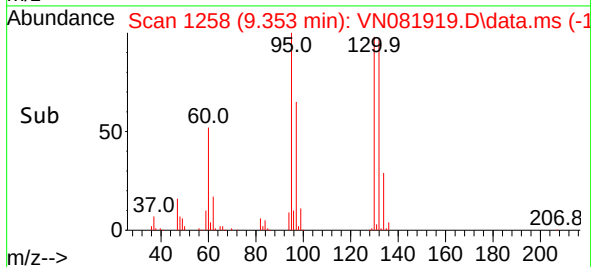
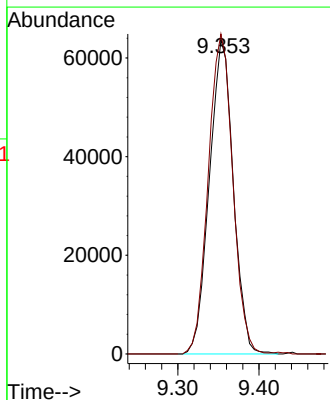
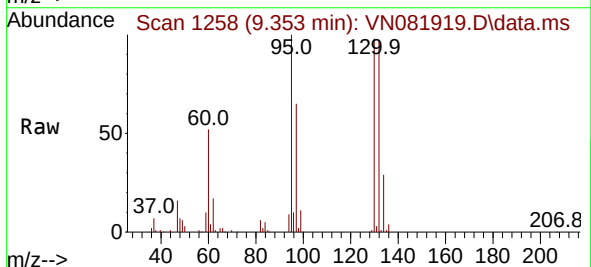
Manual Integrations
APPROVED

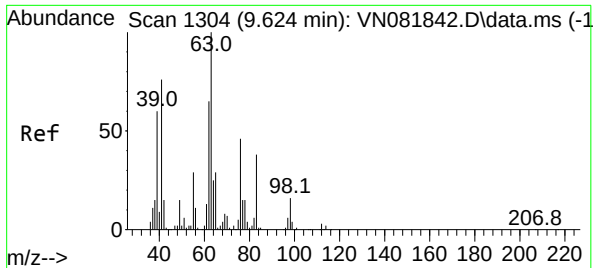
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#44
Trichloroethene
Concen: 46.240 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

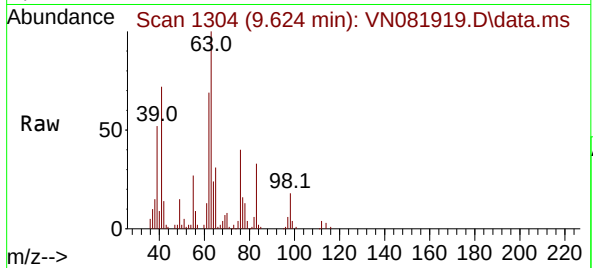
Tgt Ion:130 Resp: 130345
Ion Ratio Lower Upper
130 100
95 101.8 0.0 195.4





#45
1,2-Dichloropropane
Concen: 50.947 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

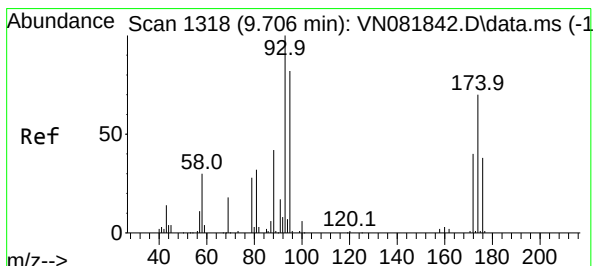
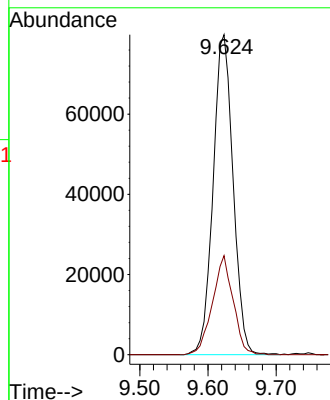
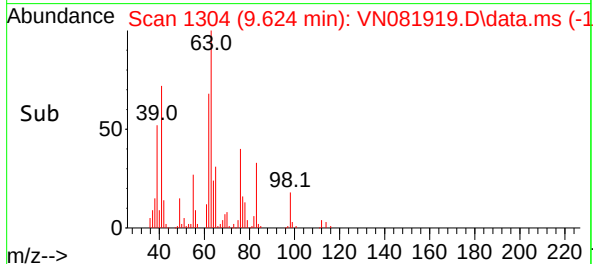
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



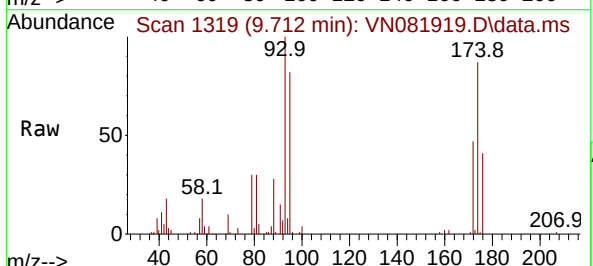
Tgt Ion: 63 Resp: 16302
Ion Ratio Lower Upper
63 100
65 31.0 24.1 36.1

Manual Integrations
APPROVED

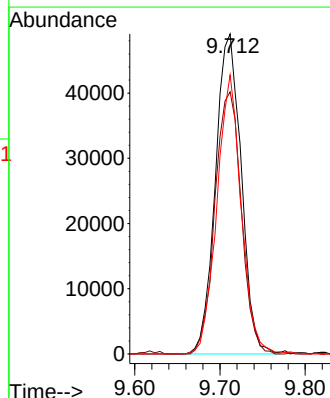
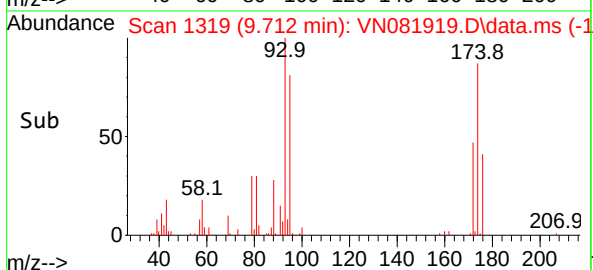
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

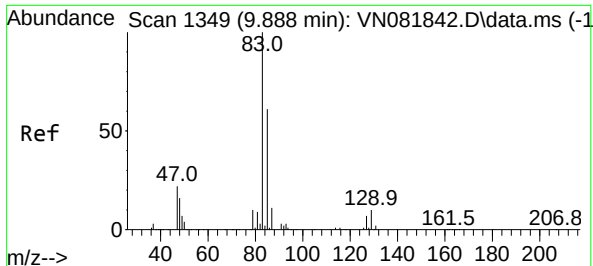


#46
Dibromomethane
Concen: 46.630 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



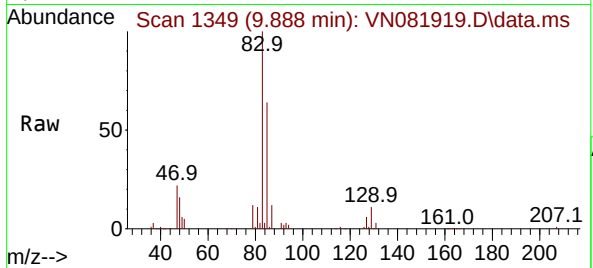
Tgt Ion: 93 Resp: 103127
Ion Ratio Lower Upper
93 100
95 83.5 64.8 97.2
174 82.4 73.4 110.0





#47
Bromodichloromethane
Concen: 46.666 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

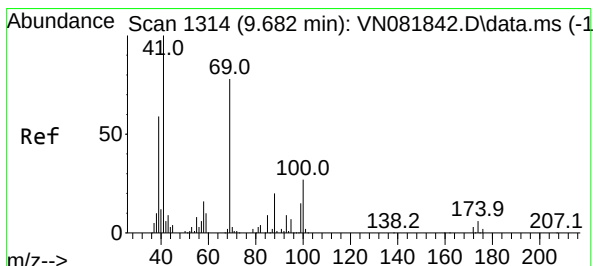
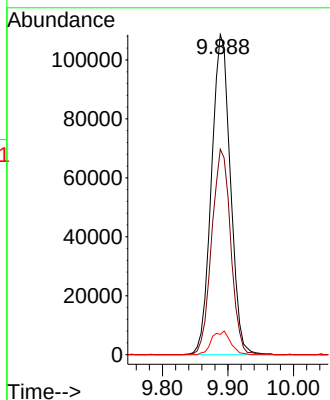
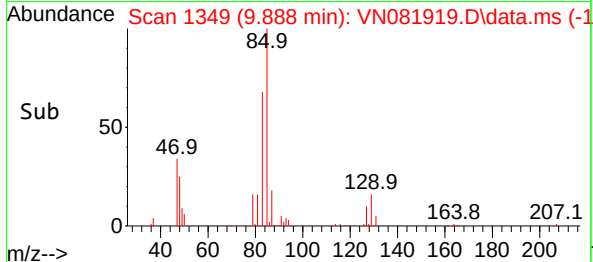
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



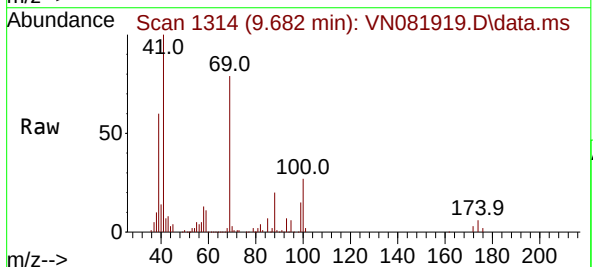
Tgt Ion: 83 Resp: 217663
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 6.4 7.5 11.3

Manual Integrations
APPROVED

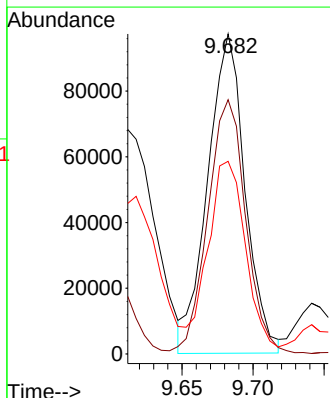
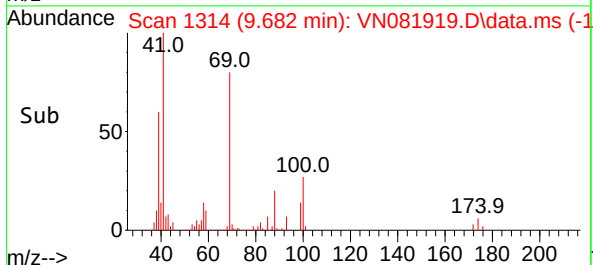
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

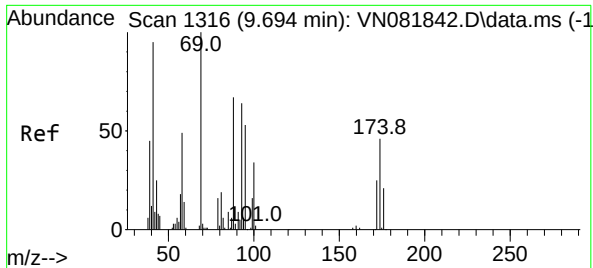


#48
Methyl methacrylate
Concen: 44.871 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



Tgt Ion: 41 Resp: 177363
Ion Ratio Lower Upper
41 100
69 81.1 77.9 116.9
39 61.4 50.9 76.3





#49

1,4-Dioxane

Concen: 997.444 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

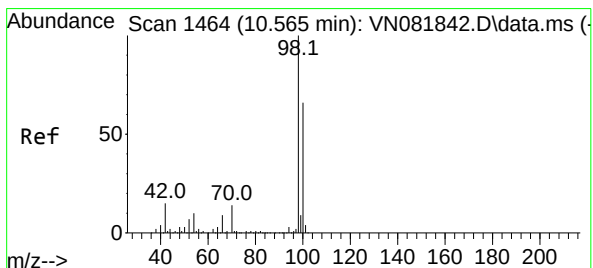
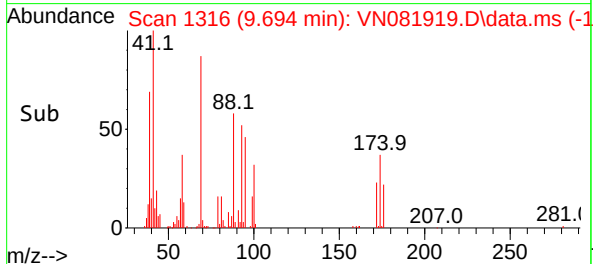
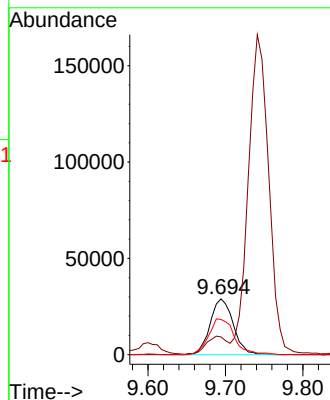
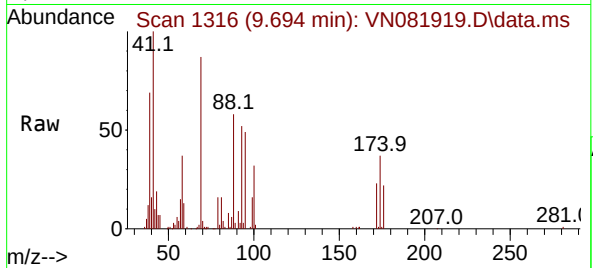
Tgt Ion: 88 Resp: 59925
 Ion Ratio Lower Upper
 88 100
 43 30.3 19.0 28.6
 58 71.5 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#50

Toluene-d8

Concen: 53.292 ug/l

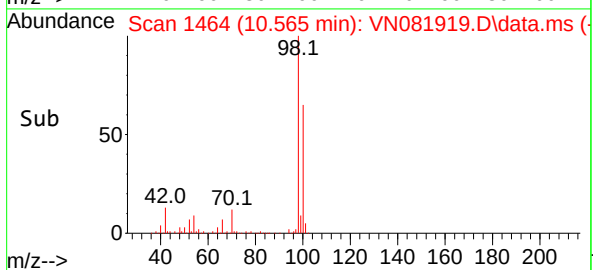
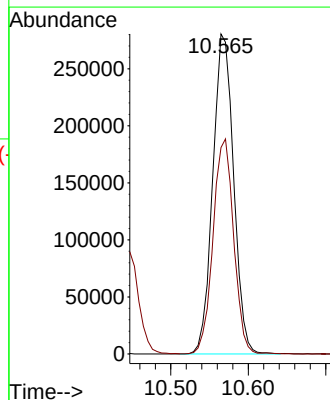
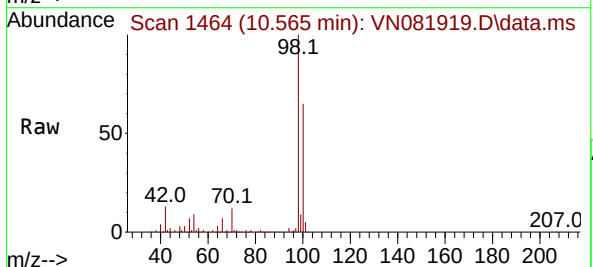
RT: 10.565 min Scan# 1464

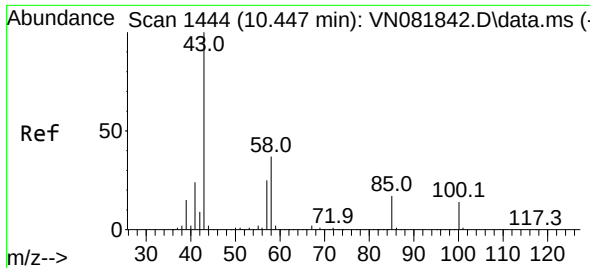
Delta R.T. -0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Tgt Ion: 98 Resp: 523985
 Ion Ratio Lower Upper
 98 100
 100 66.6 51.8 77.6





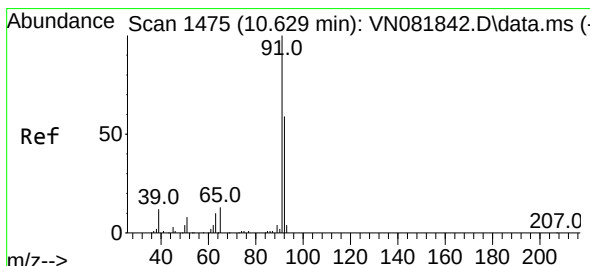
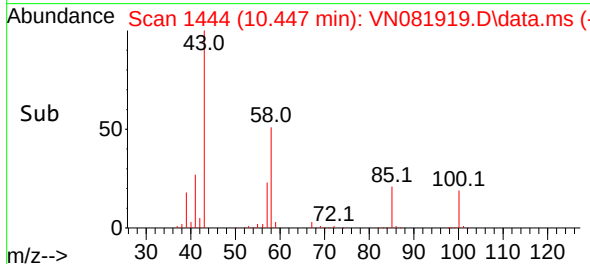
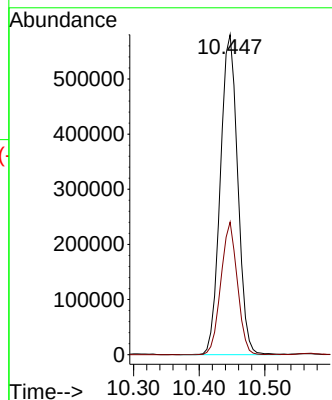
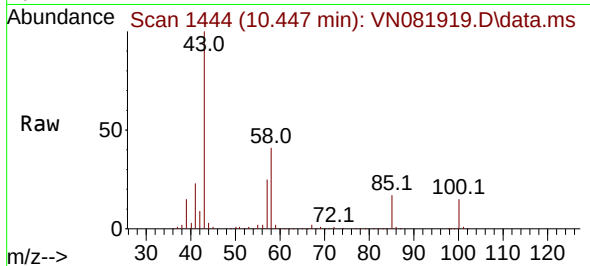
#51
4-Methyl-2-Pentanone
Concen: 229.030 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1067558
Ion Ratio Lower Upper
43 100
58 39.1 33.2 49.8

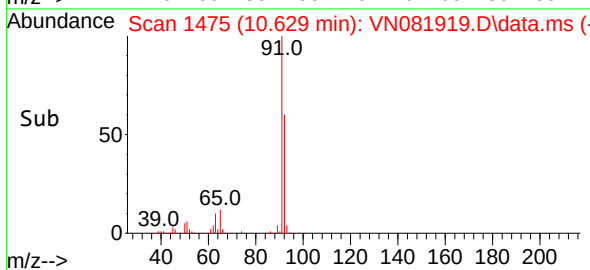
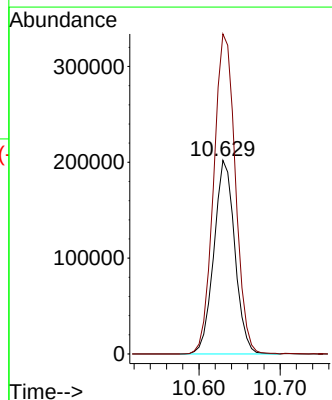
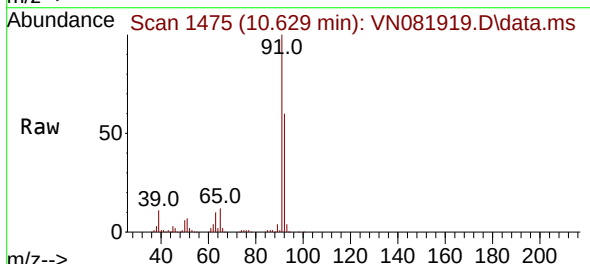
Manual Integrations
APPROVED

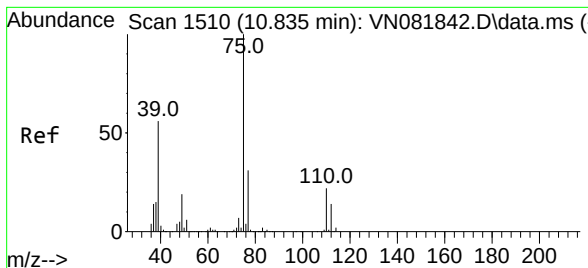
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#52
Toluene
Concen: 49.421 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

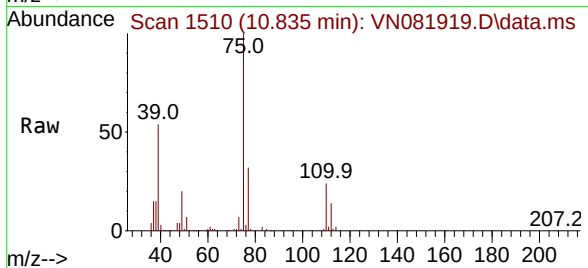
Tgt Ion: 92 Resp: 361854
Ion Ratio Lower Upper
92 100
91 171.2 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 49.299 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

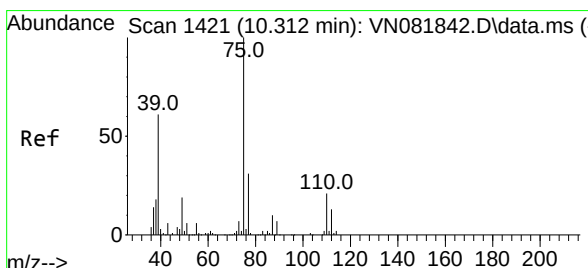
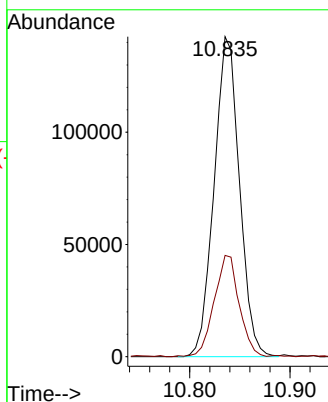
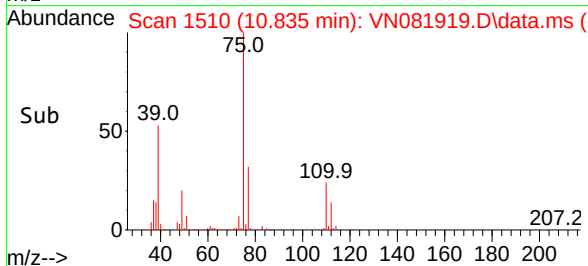
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



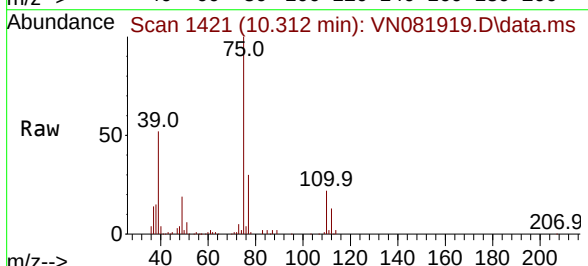
Tgt Ion: 75 Resp: 250198
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
APPROVED

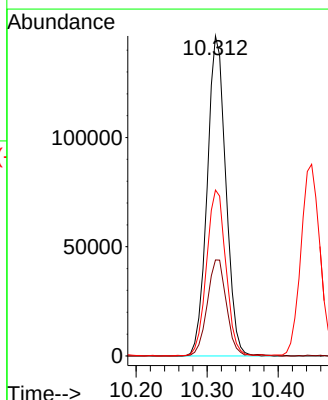
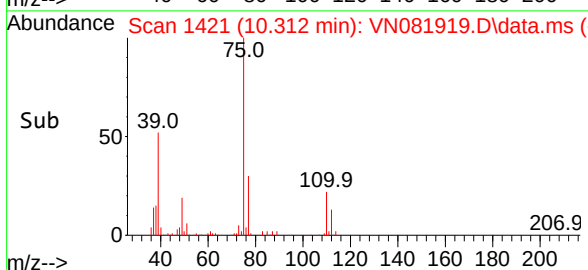
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

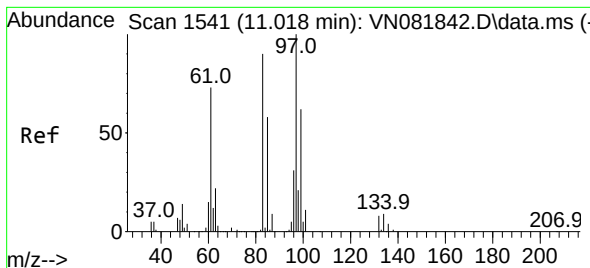


#54
cis-1,3-Dichloropropene
Concen: 51.126 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



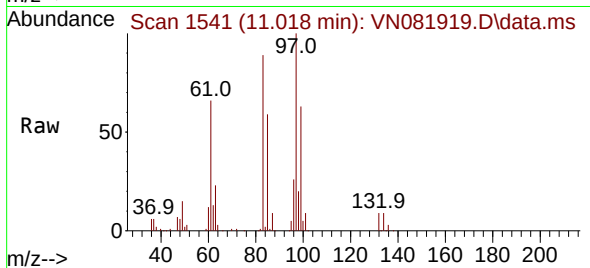
Tgt Ion: 75 Resp: 267420
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.4
39 51.6 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 49.362 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

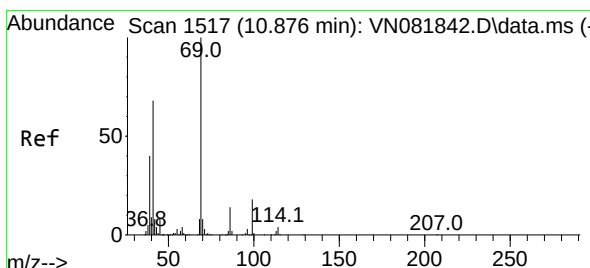
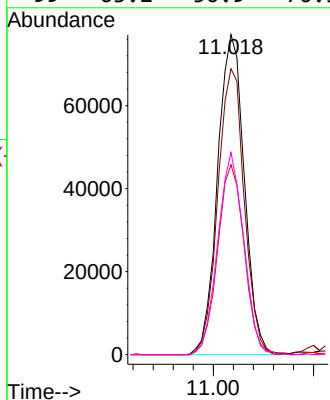
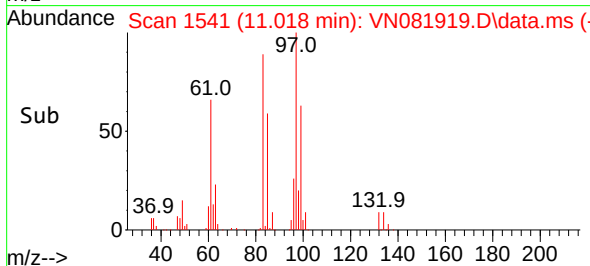
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



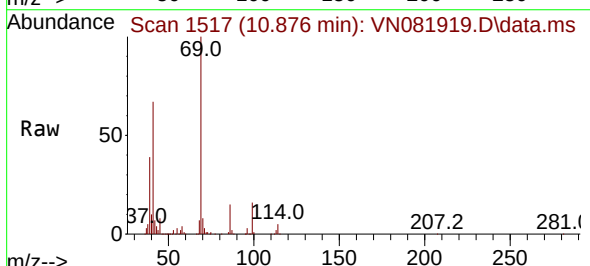
Tgt Ion:	97	Resp:	14214
Ion Ratio	100	Lower	Upper
97	100		
83	89.4	70.4	105.6
85	59.3	45.6	68.4
99	63.2	50.9	76.3

Manual Integrations
APPROVED

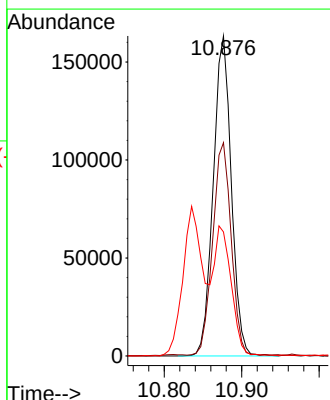
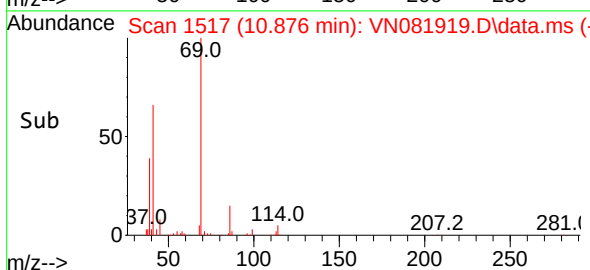
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

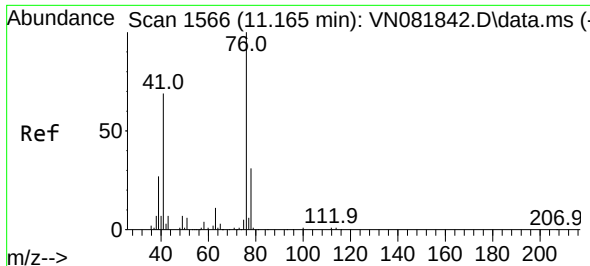


#56
Ethyl methacrylate
Concen: 48.255 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



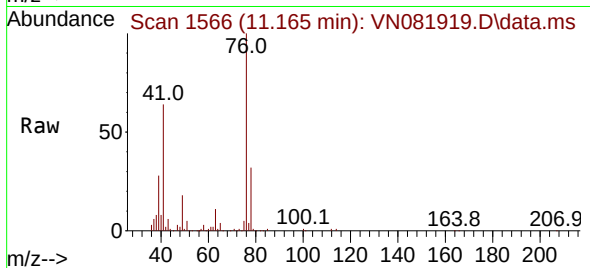
Tgt Ion:	69	Resp:	264593
Ion Ratio	100	Lower	Upper
69	100		
41	67.9	46.6	70.0
39	37.6	26.5	39.7





#57
1,3-Dichloropropane
Concen: 50.603 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

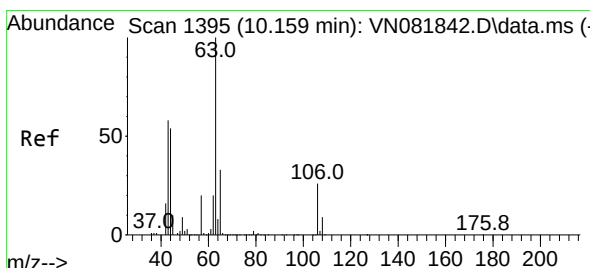
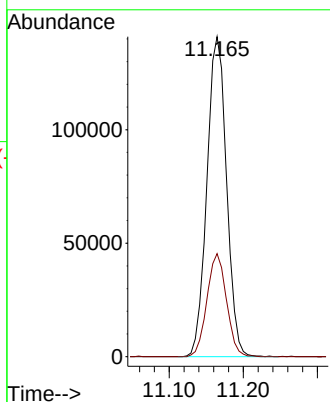
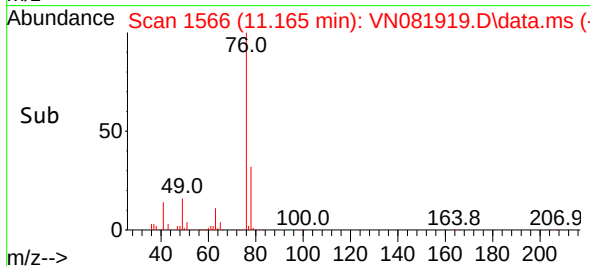
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 259063
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6

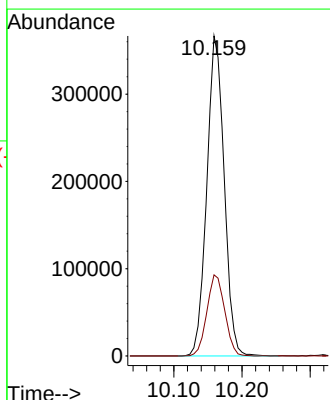
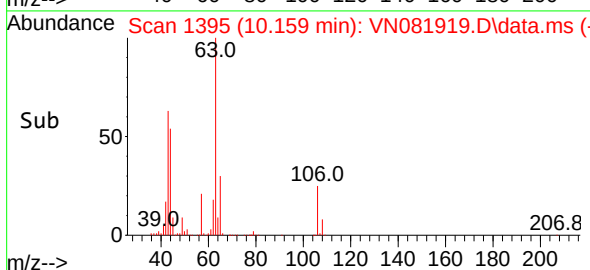
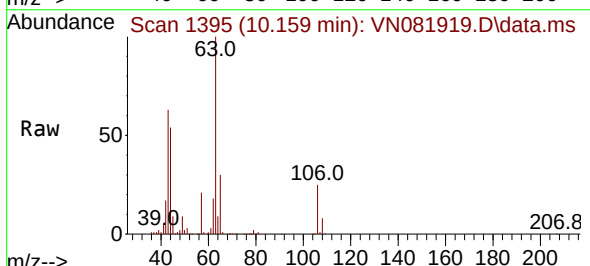
Manual Integrations
APPROVED

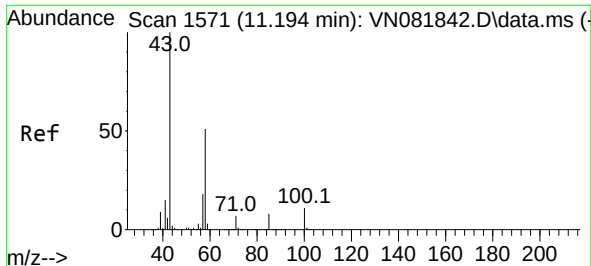
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 260.051 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

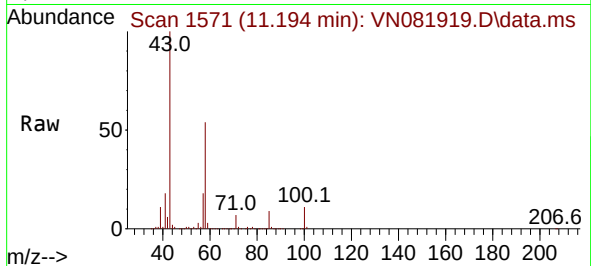
Tgt Ion: 63 Resp: 649583
Ion Ratio Lower Upper
63 100
106 26.1 24.6 36.8





#59
2-Hexanone
Concen: 230.039 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

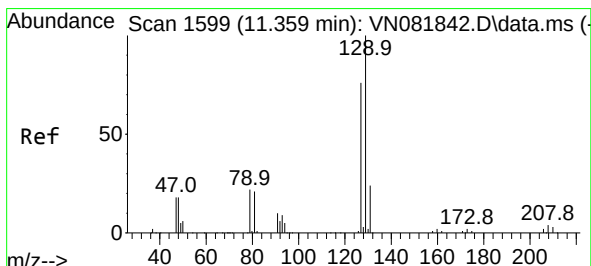
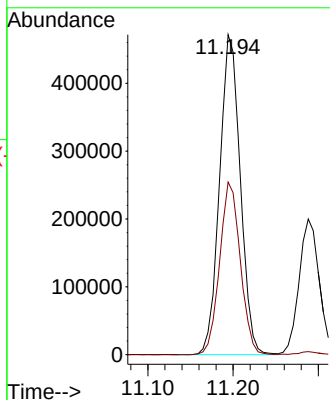
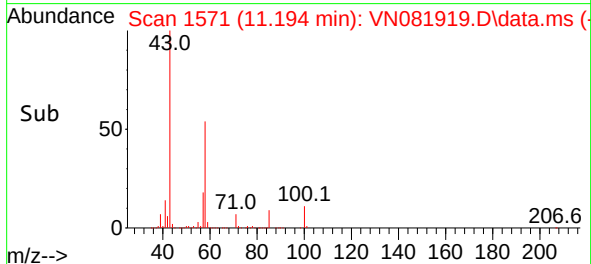
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 797979
Ion Ratio Lower Upper
43 100
58 53.7 28.3 84.9

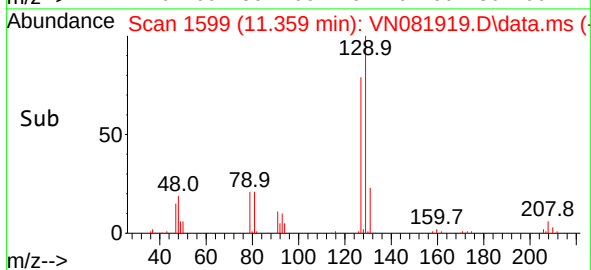
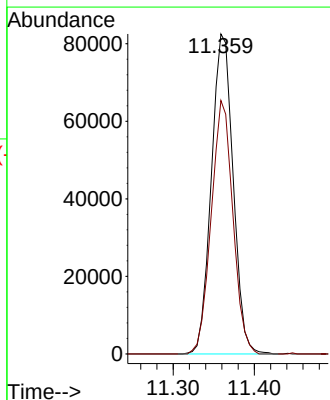
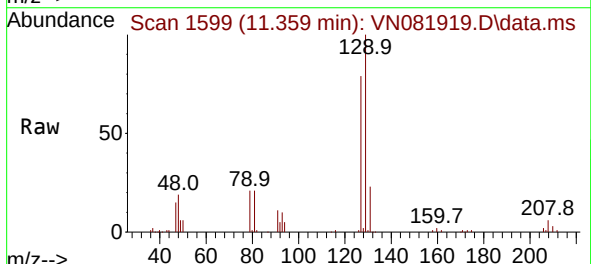
Manual Integrations
APPROVED

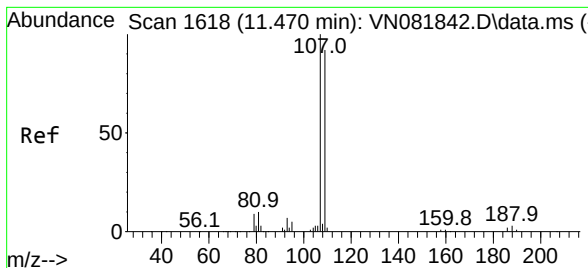
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#60
Dibromochloromethane
Concen: 50.396 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

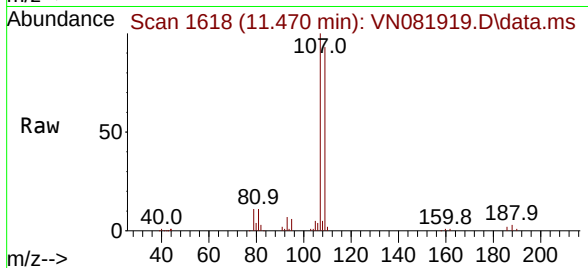
Tgt Ion:129 Resp: 153705
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.8





#61
1,2-Dibromoethane
Concen: 51.351 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

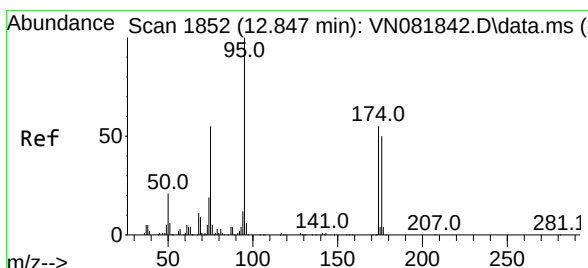
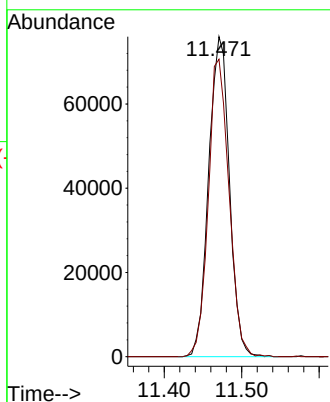
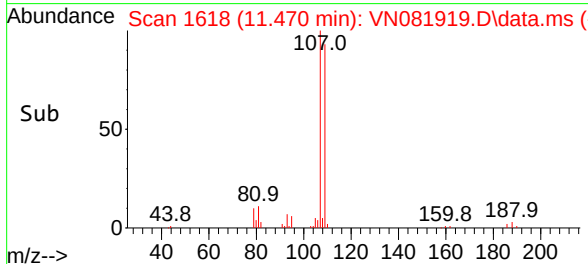
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



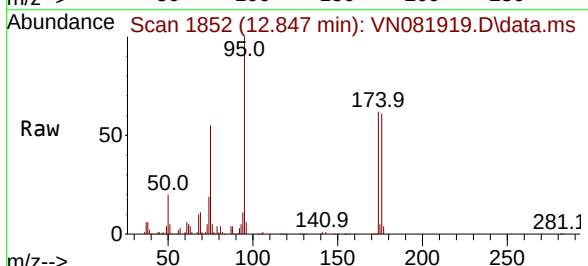
Tgt Ion: 107 Resp: 141408
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.6

Manual Integrations
APPROVED

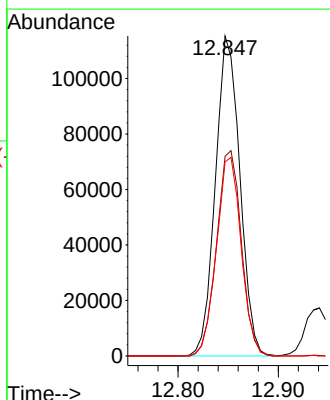
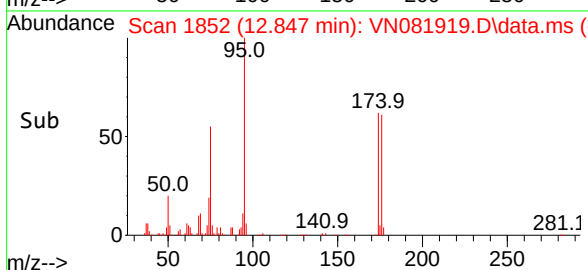
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

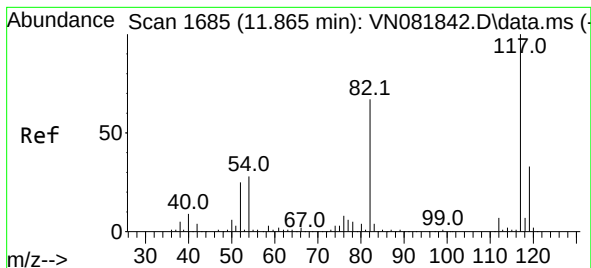


#62
4-Bromofluorobenzene
Concen: 50.345 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



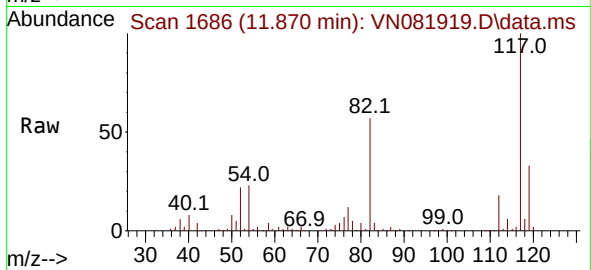
Tgt Ion: 95 Resp: 195680
Ion Ratio Lower Upper
95 100
174 64.9 0.0 160.6
176 62.9 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

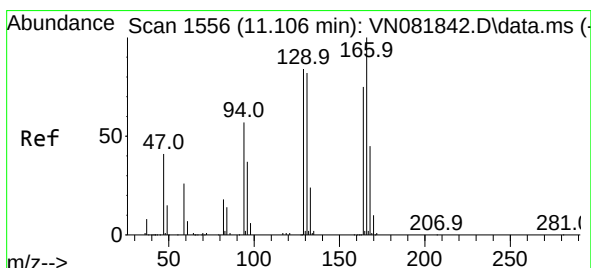
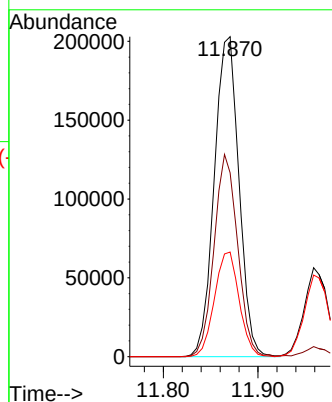
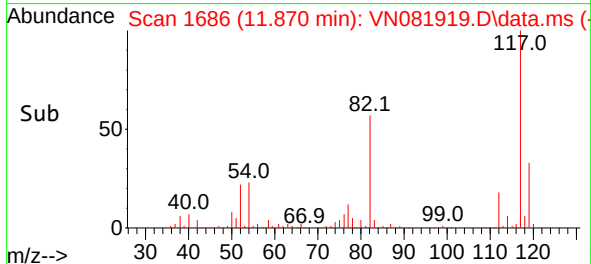
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



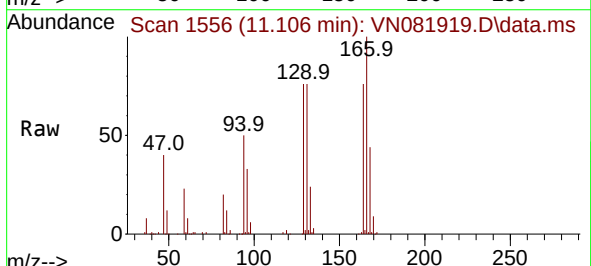
Tgt Ion:117 Resp: 36782
Ion Ratio Lower Upper
117 100
82 57.5 44.6 66.8
119 32.7 25.9 38.9

Manual Integrations
APPROVED

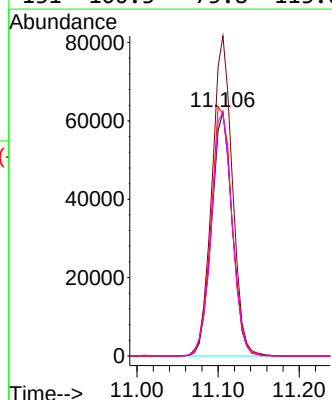
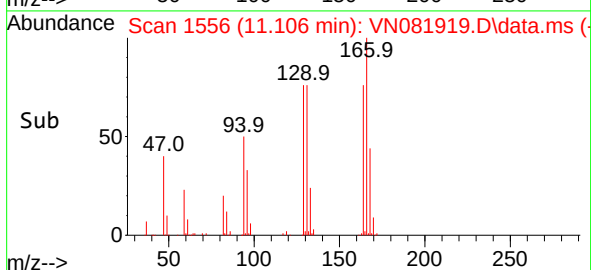
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

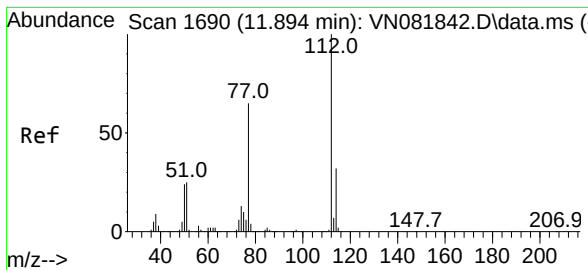


#64
Tetrachloroethene
Concen: 41.024 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



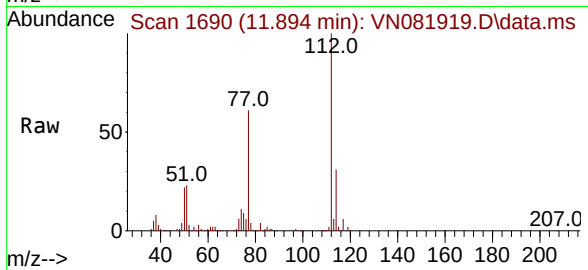
Tgt Ion:164 Resp: 109596
Ion Ratio Lower Upper
164 100
166 131.3 97.6 146.4
129 99.2 73.7 110.5
131 100.3 75.8 113.6





#65
Chlorobenzene
Concen: 49.161 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

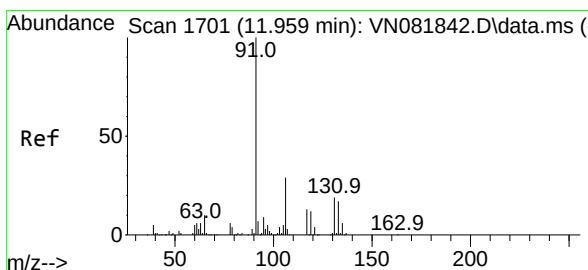
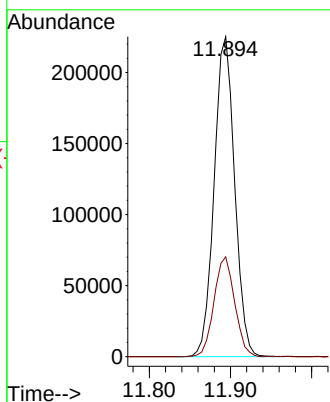
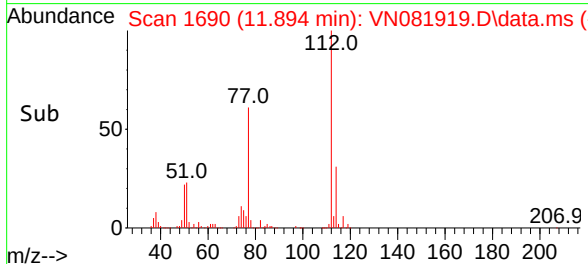
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



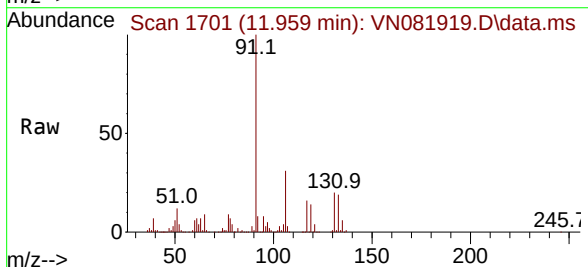
Tgt Ion:112 Resp: 394880
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

Manual Integrations
APPROVED

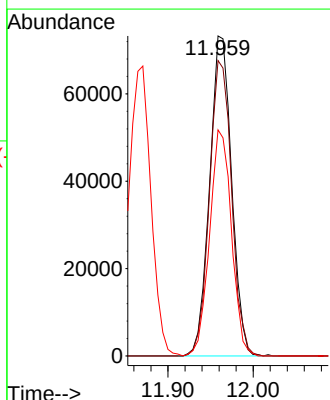
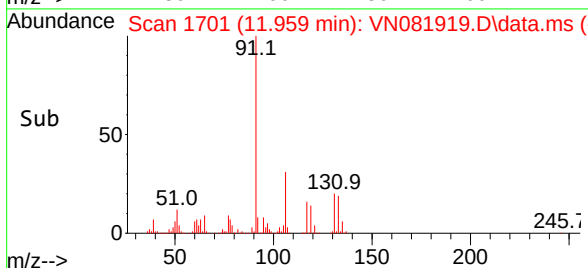
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

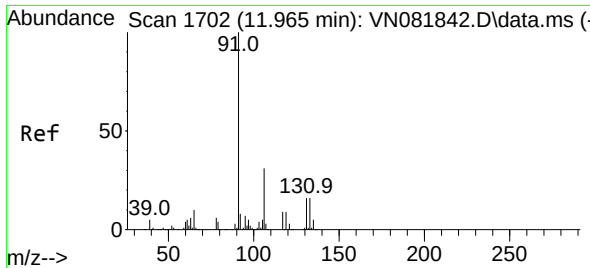


#66
1,1,1,2-Tetrachloroethane
Concen: 50.321 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



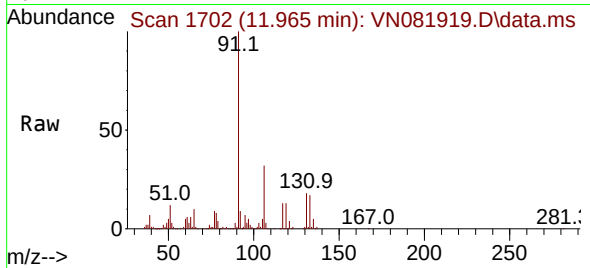
Tgt Ion:131 Resp: 131365
Ion Ratio Lower Upper
131 100
133 93.0 47.5 142.6
119 70.2 32.9 98.7





#67
Ethyl Benzene
Concen: 45.947 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

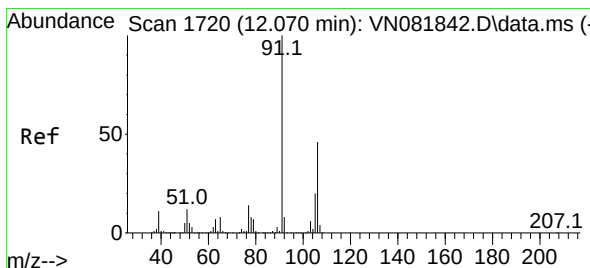
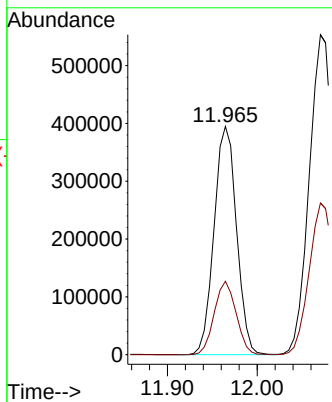
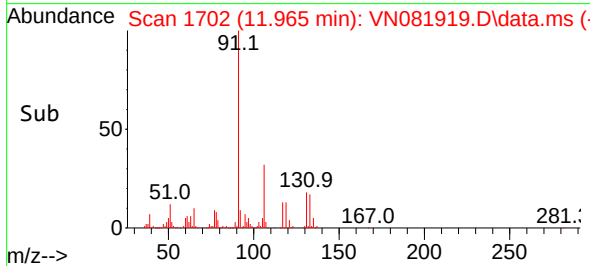
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



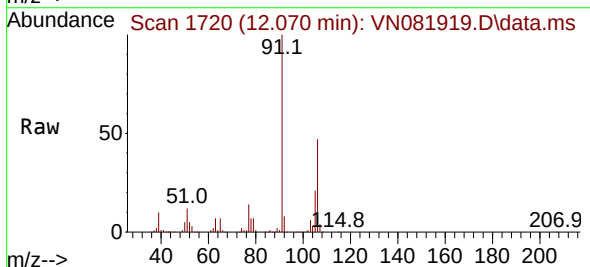
Tgt Ion: 91 Resp: 686378
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9

Manual Integrations
APPROVED

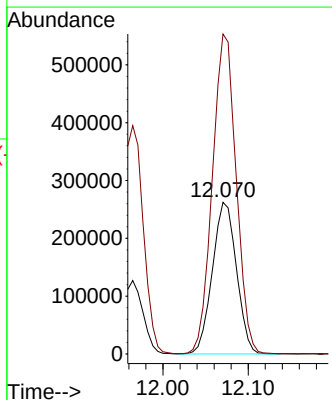
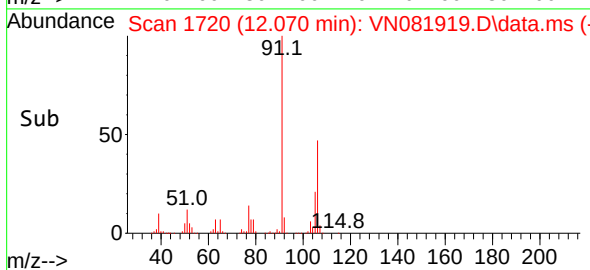
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

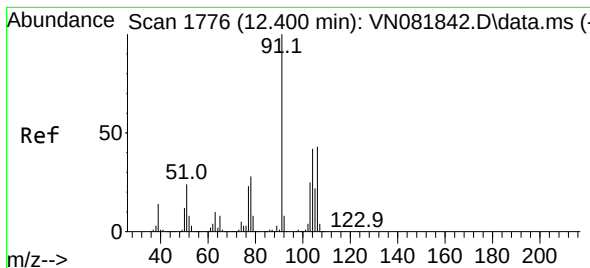


#68
m/p-Xylenes
Concen: 96.781 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



Tgt Ion:106 Resp: 515696
Ion Ratio Lower Upper
106 100
91 207.9 159.4 239.0





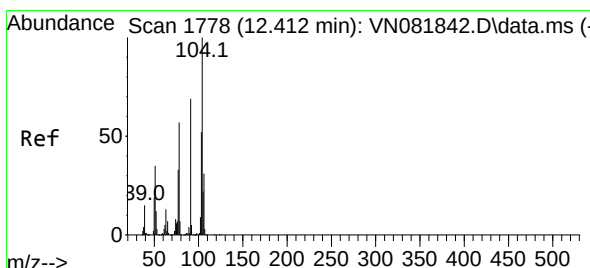
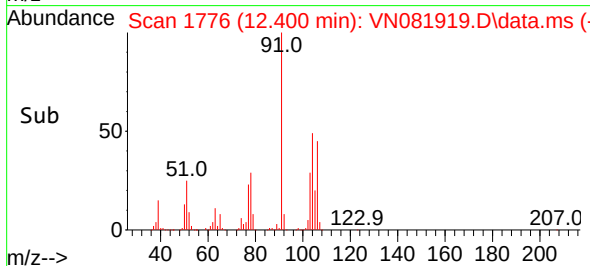
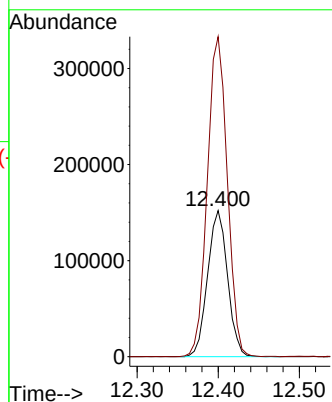
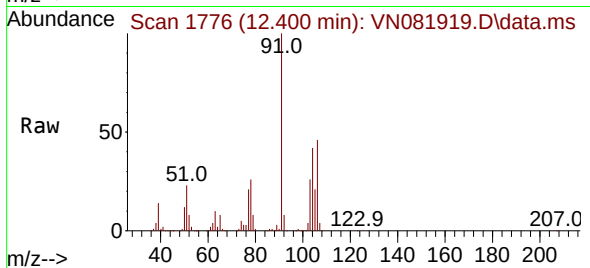
#69
o-Xylene
Concen: 49.856 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 25936
Ion Ratio Lower Upper
106 100
91 219.6 104.7 314.1

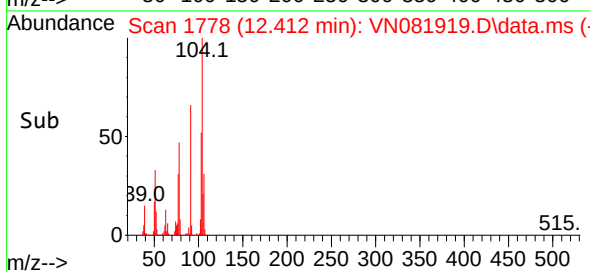
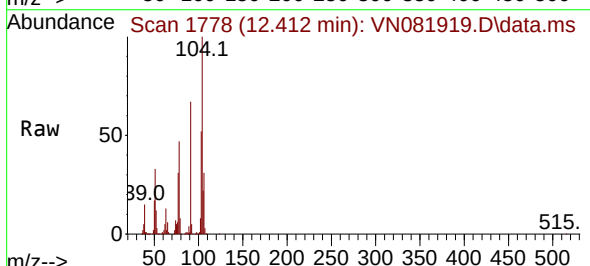
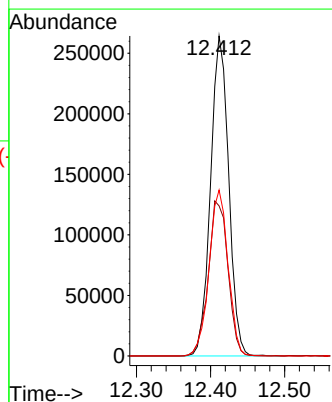
Manual Integrations
APPROVED

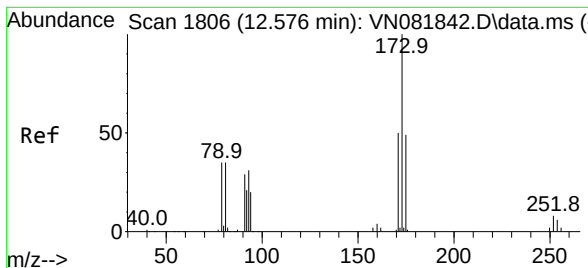
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#70
Styrene
Concen: 49.947 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion:104 Resp: 449483
Ion Ratio Lower Upper
104 100
78 52.9 38.6 58.0
103 54.4 43.8 65.6





#71

Bromoform

Concen: 45.516 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

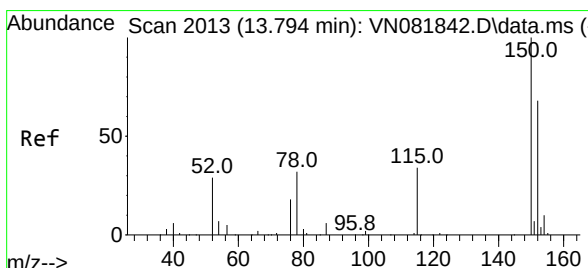
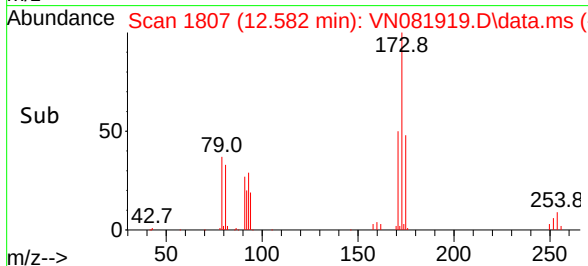
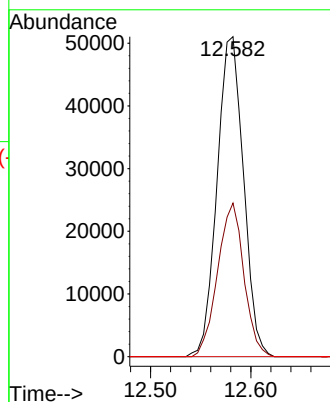
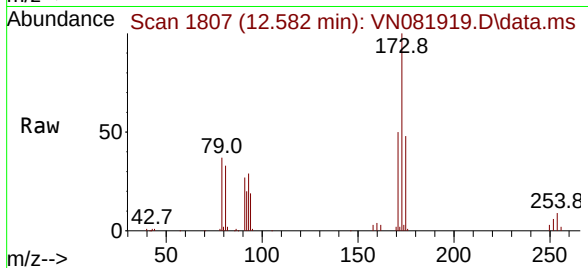
Tgt Ion:173 Resp: 93415
 Ion Ratio Lower Upper
 173 100
 175 47.7 24.6 74.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

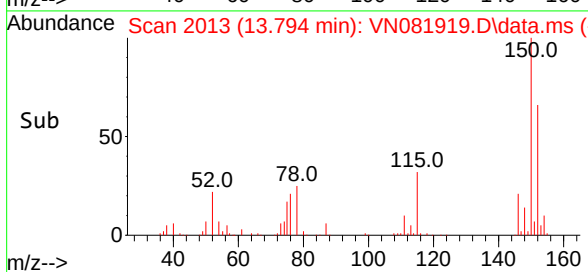
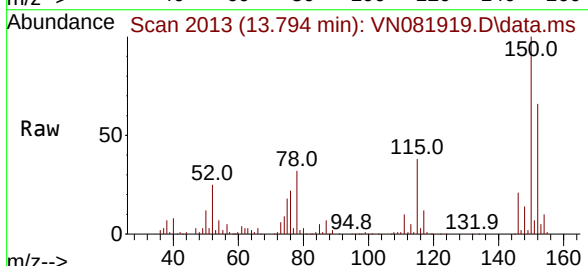
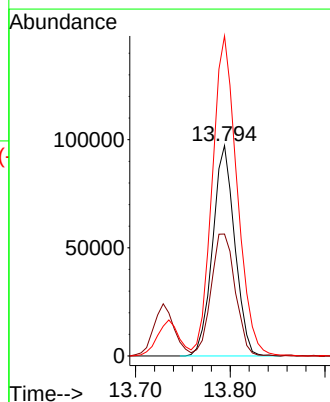
RT: 13.794 min Scan# 2013

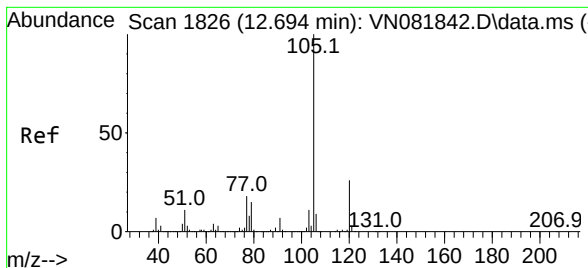
Delta R.T. -0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Tgt Ion:152 Resp: 158155
 Ion Ratio Lower Upper
 152 100
 115 63.3 30.4 91.3
 150 170.4 0.0 353.2





#73

Isopropylbenzene

Concen: 45.224 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 635918

Ion Ratio Lower Upper

105 100

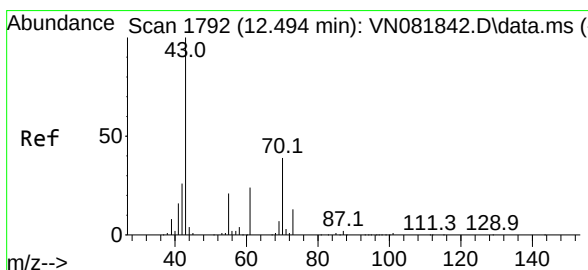
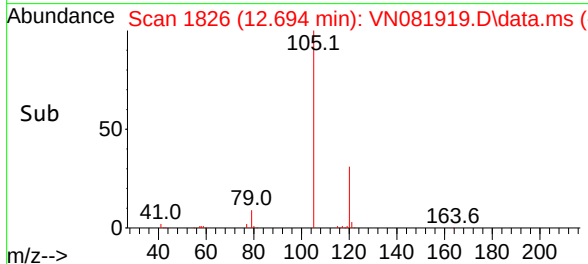
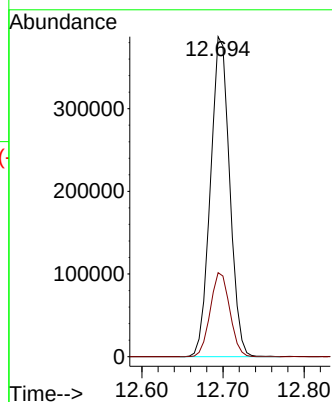
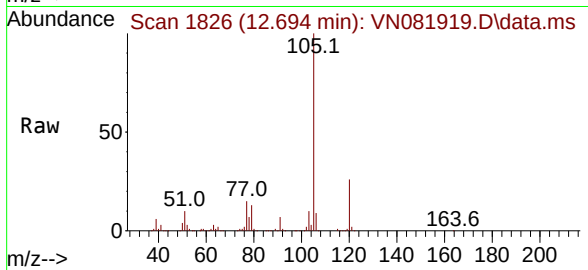
120 26.6 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#74

N-ethyl acetate

Concen: 45.634 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Tgt Ion: 43 Resp: 357254

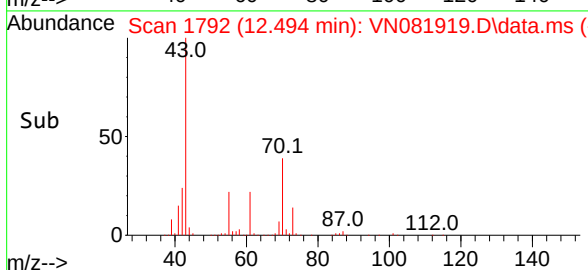
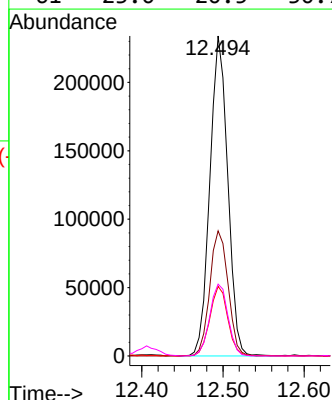
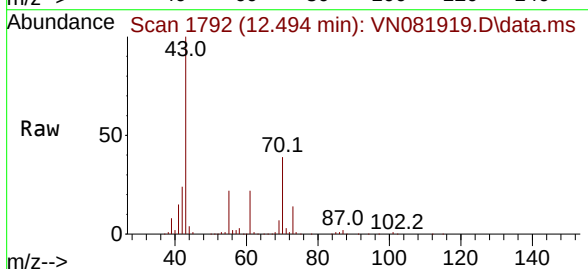
Ion Ratio Lower Upper

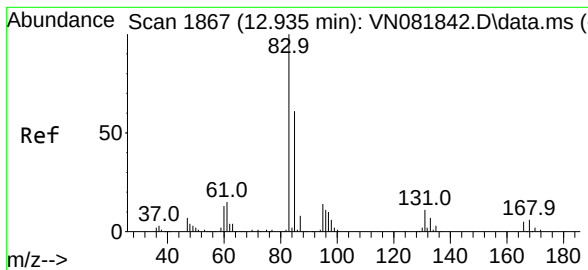
43 100

70 40.2 39.0 58.4

55 22.0 21.3 31.9

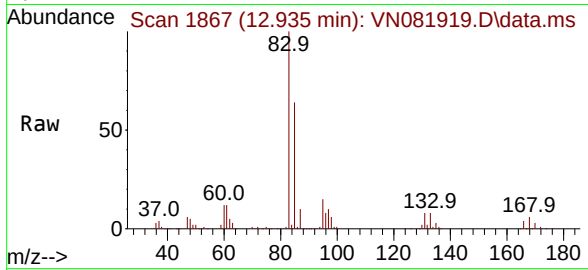
61 23.0 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.153 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

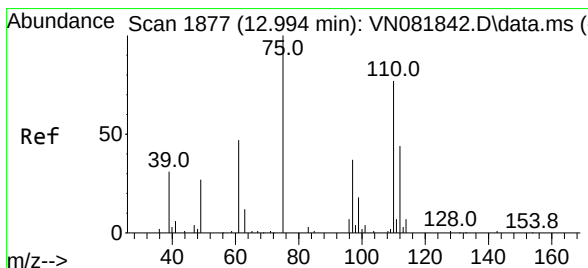
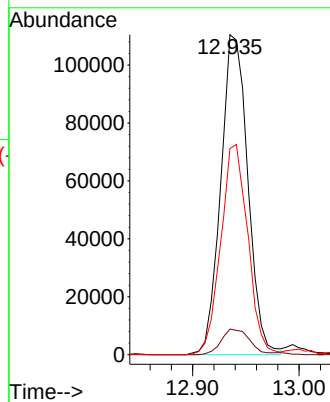
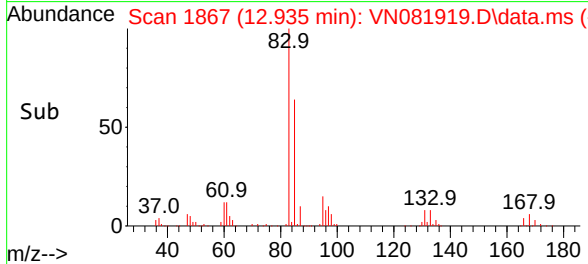
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 194889
Ion Ratio Lower Upper
83 100
131 8.7 5.5 16.4
85 65.6 32.9 98.6

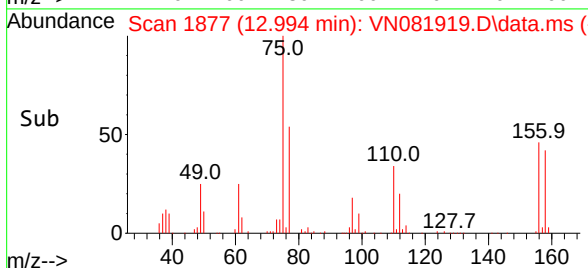
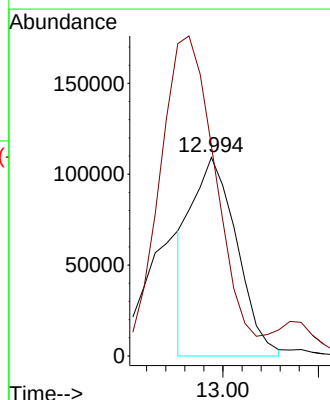
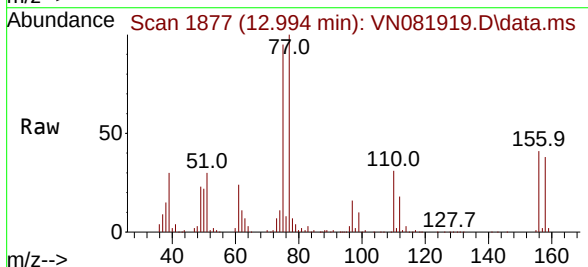
Manual Integrations
APPROVED

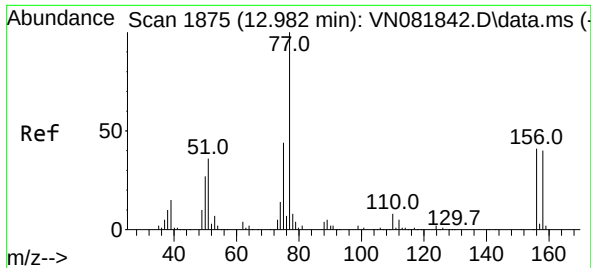
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#76
1,2,3-Trichloropropane
Concen: 44.472 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

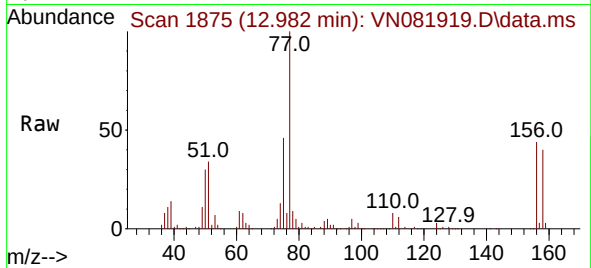
Tgt Ion: 75 Resp: 182363
Ion Ratio Lower Upper
75 100
77 198.2 90.5 271.3





#77
Bromobenzene
Concen: 48.120 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

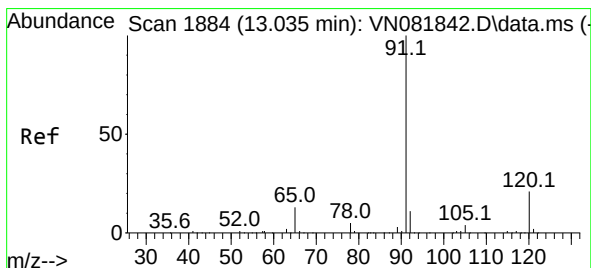
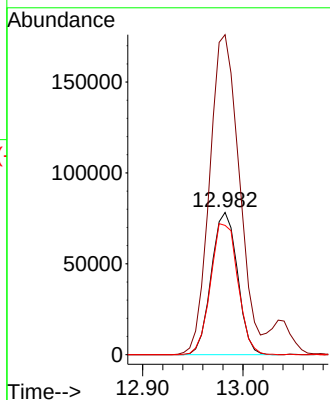
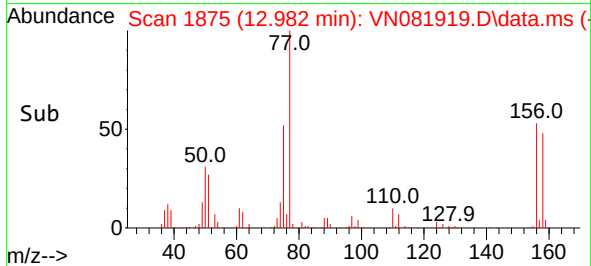
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



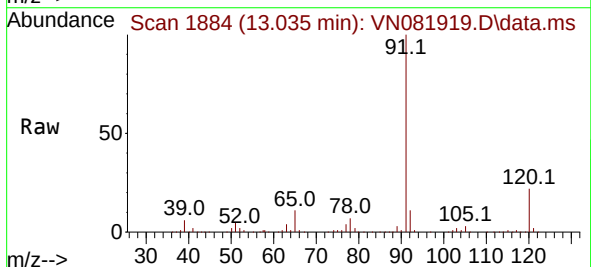
Tgt Ion:156 Resp: 141594
Ion Ratio Lower Upper
156 100
77 255.3 100.2 300.6
158 96.2 49.1 147.3

Manual Integrations
APPROVED

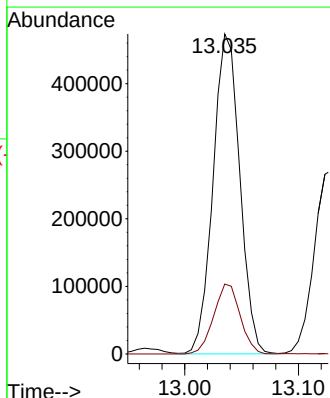
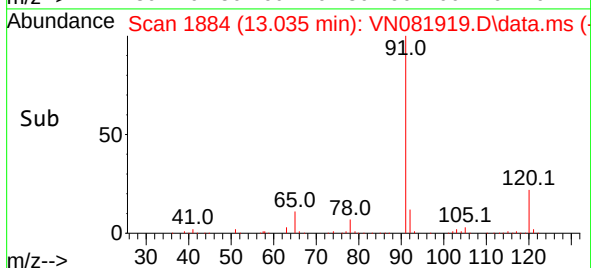
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

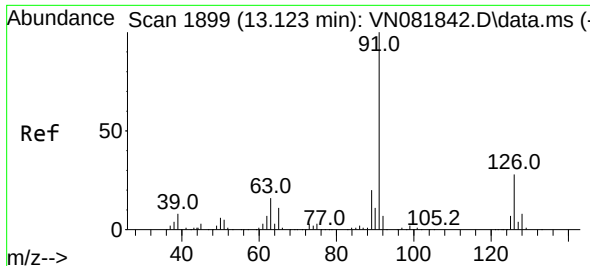


#78
n-propylbenzene
Concen: 45.339 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



Tgt Ion: 91 Resp: 774409
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0





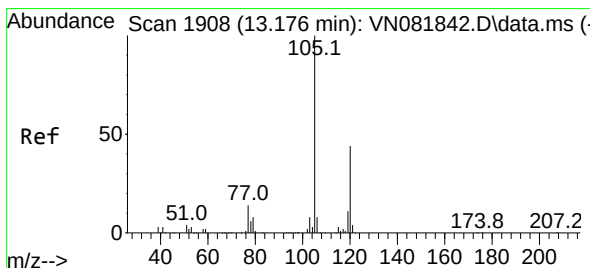
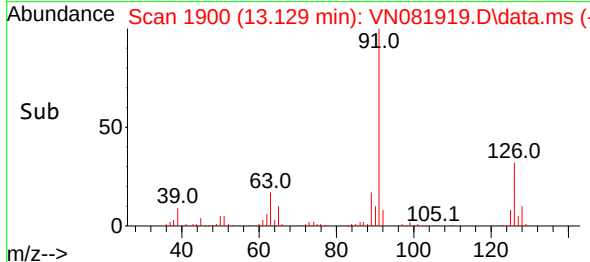
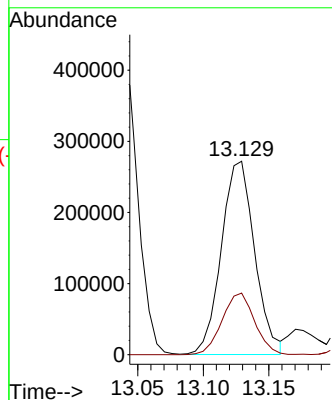
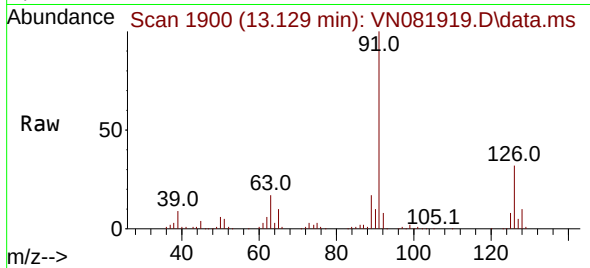
#79
2-Chlorotoluene
Concen: 44.250 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 480860
Ion Ratio Lower Upper
91 100
126 31.1 17.5 52.5

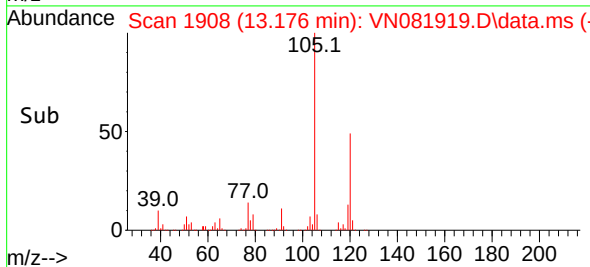
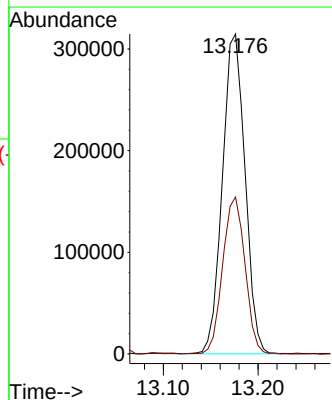
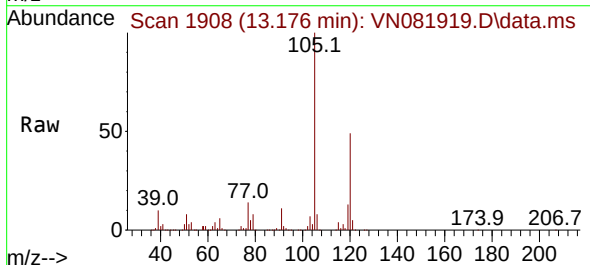
Manual Integrations
APPROVED

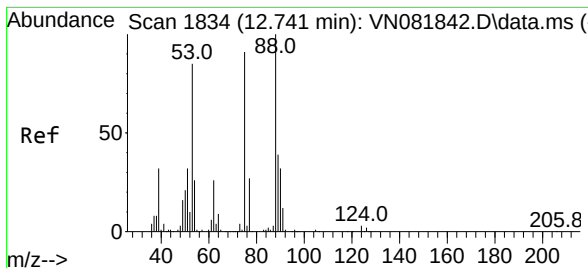
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 43.936 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion:105 Resp: 522789
Ion Ratio Lower Upper
105 100
120 48.4 24.8 74.3





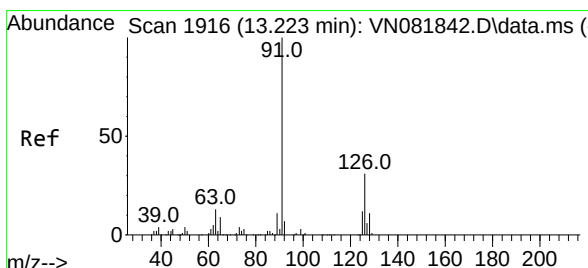
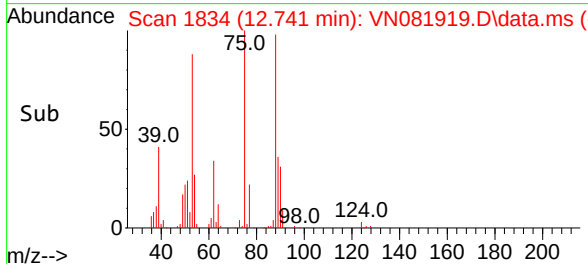
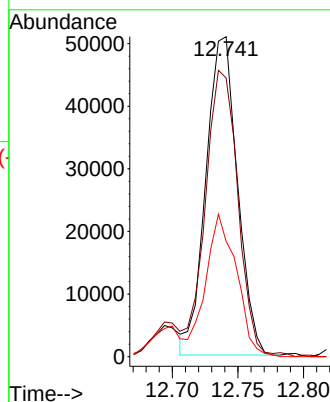
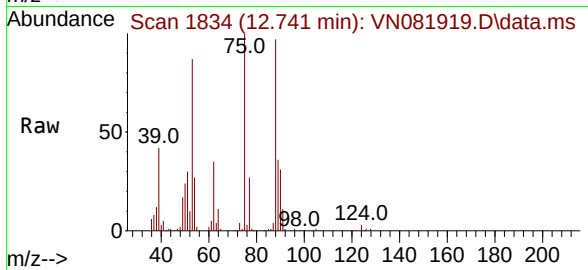
#81
trans-1,4-Dichloro-2-butene
Concen: 42.495 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 85038
Ion Ratio Lower Upper
75 100
53 93.4 72.9 109.3
89 43.3 39.1 58.7

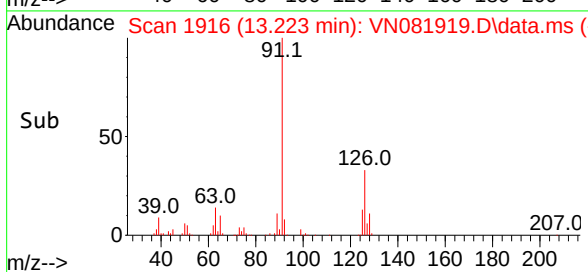
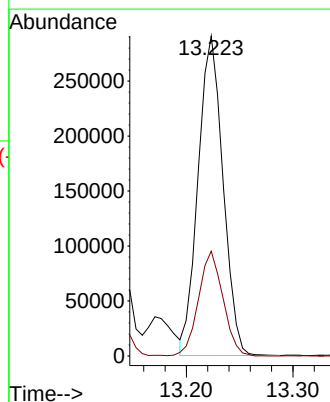
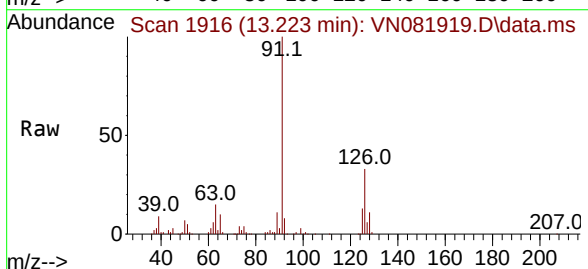
Manual Integrations
APPROVED

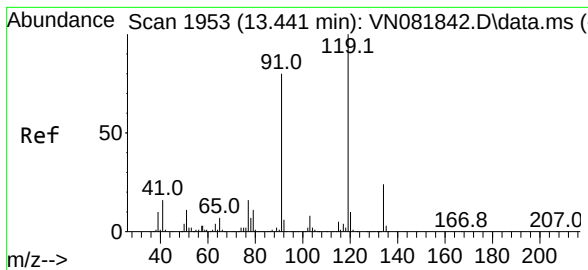
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#82
4-Chlorotoluene
Concen: 44.744 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

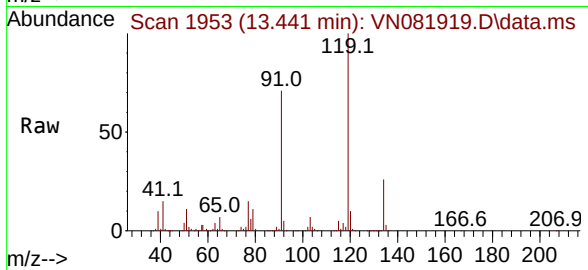
Tgt Ion: 91 Resp: 472061
Ion Ratio Lower Upper
91 100
126 32.2 17.4 52.3





#83
tert-Butylbenzene
Concen: 43.702 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

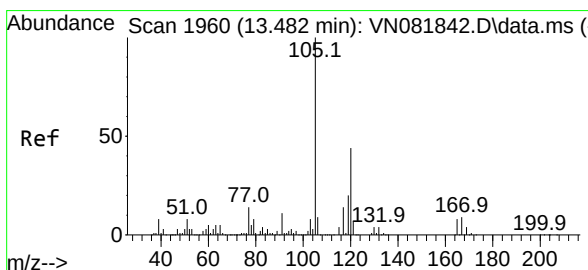
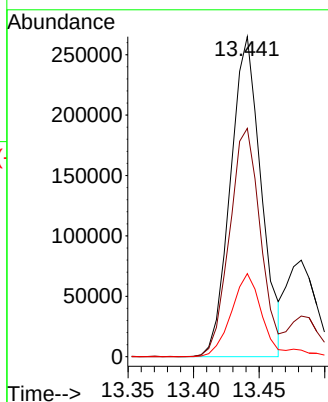
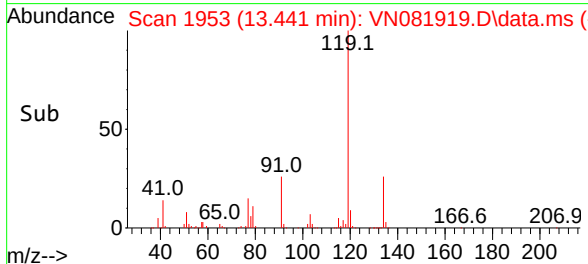
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



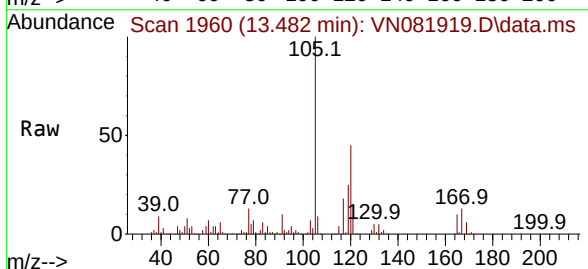
Tgt Ion:119 Resp: 433040
Ion Ratio Lower Upper
119 100
91 73.1 32.6 97.8
134 26.9 12.4 37.0

Manual Integrations
APPROVED

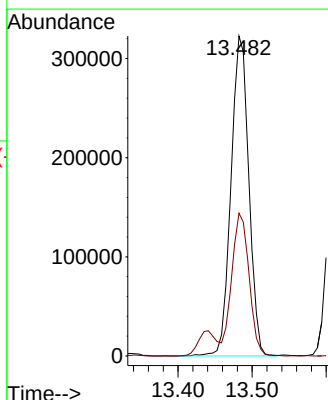
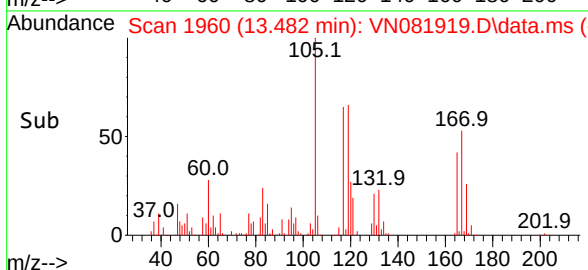
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

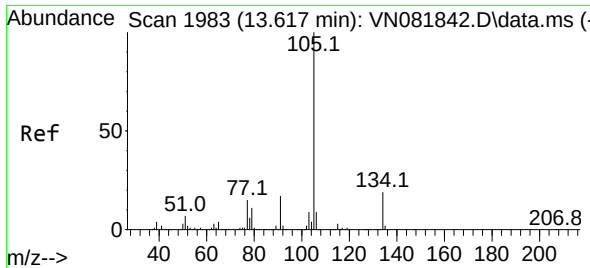


#84
1,2,4-Trimethylbenzene
Concen: 45.278 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



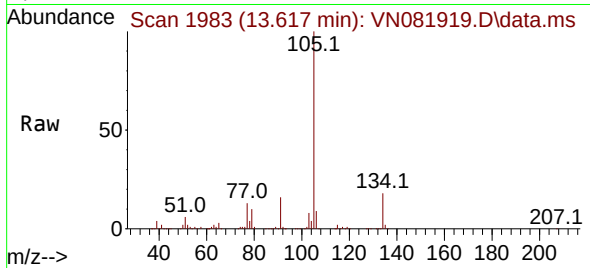
Tgt Ion:105 Resp: 538018
Ion Ratio Lower Upper
105 100
120 43.3 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 45.101 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081919.D
 Acq: 30 Apr 2024 09:59

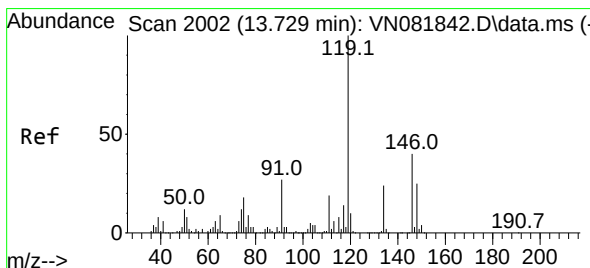
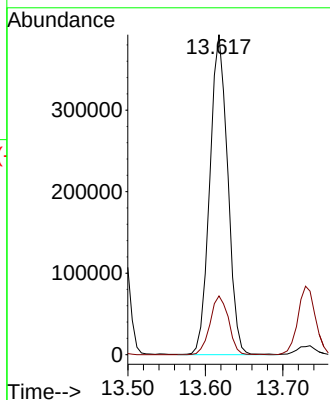
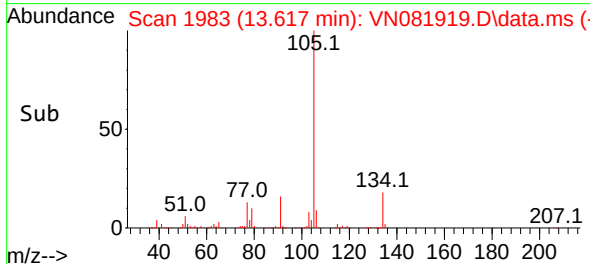
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



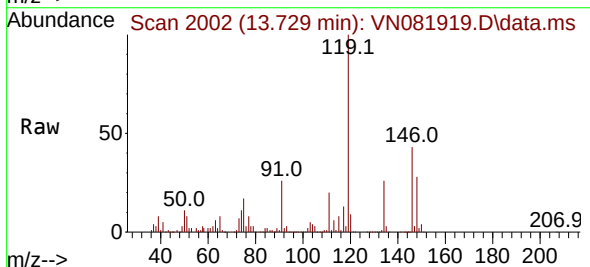
Tgt Ion:105 Resp: 62950
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.2 30.4

Manual Integrations
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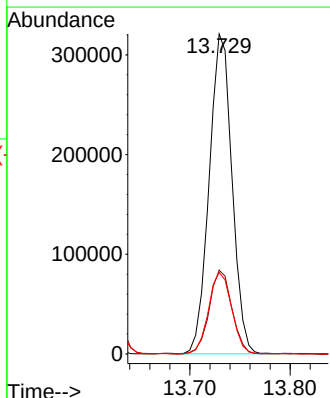
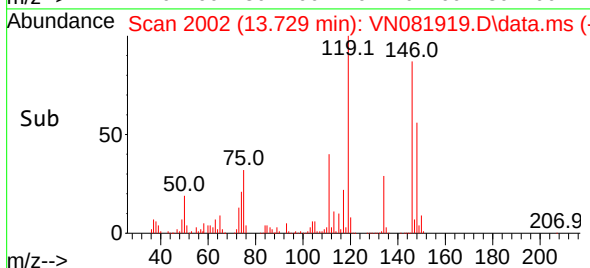
Reviewed By :John Carlone 05/01/2024
 Supervised By :Semsettin Yesilyurt 05/01/2024

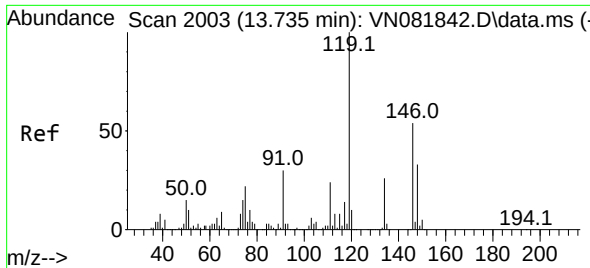


#86
 p-Isopropyltoluene
 Concen: 45.120 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081919.D
 Acq: 30 Apr 2024 09:59



Tgt Ion:119 Resp: 505668
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 25.9 11.8 35.3





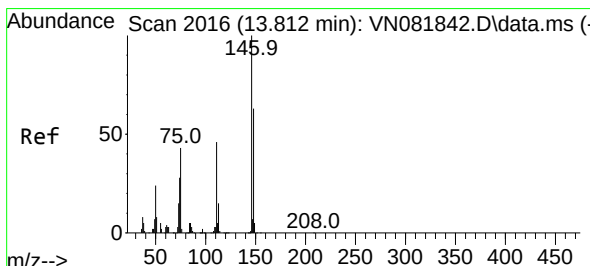
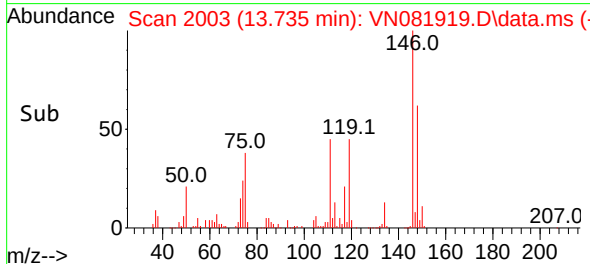
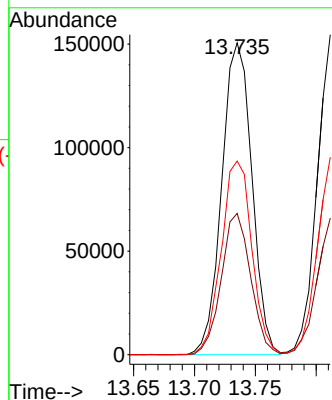
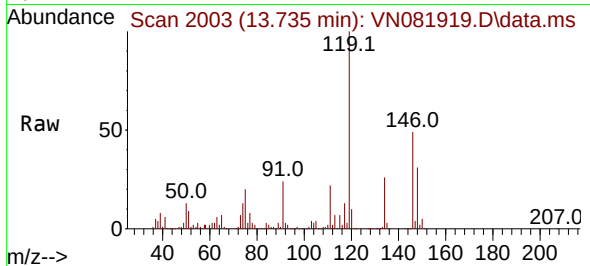
#87
1,3-Dichlorobenzene
Concen: 47.200 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 25914
Ion Ratio Lower Upper
146 100
111 44.3 20.8 62.5
148 63.2 32.1 96.3

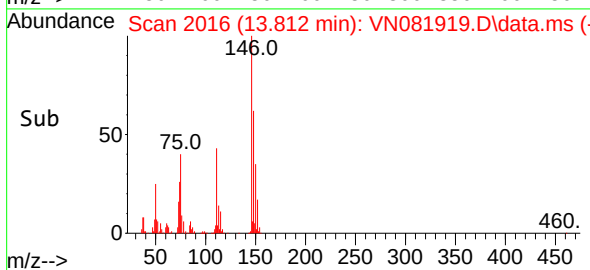
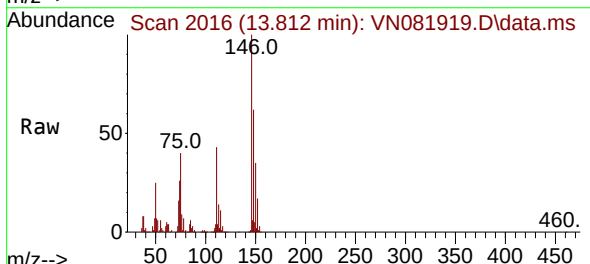
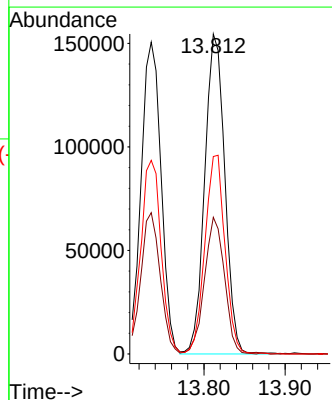
Manual Integrations
APPROVED

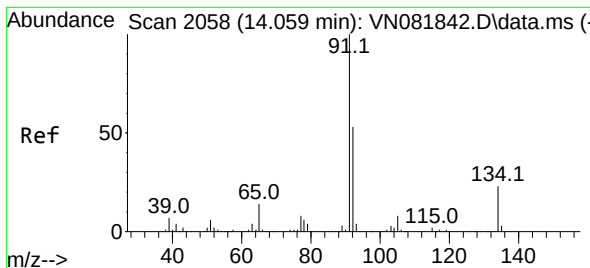
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#88
1,4-Dichlorobenzene
Concen: 49.055 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion:146 Resp: 265223
Ion Ratio Lower Upper
146 100
111 42.6 19.3 57.9
148 62.4 31.3 93.9





#89

n-Butylbenzene

Concen: 46.083 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 480730

Ion Ratio Lower Upper

91 100

92 54.2 26.2 78.5

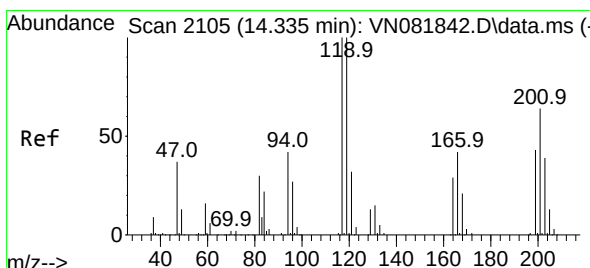
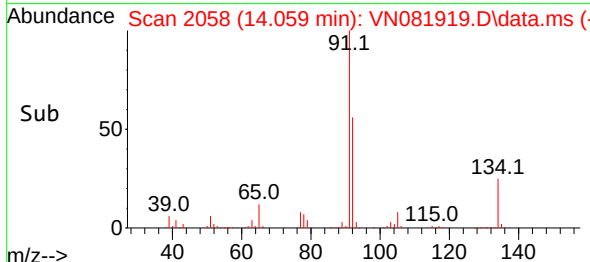
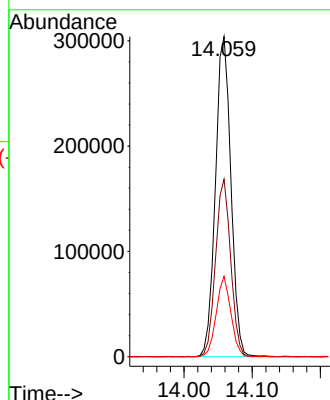
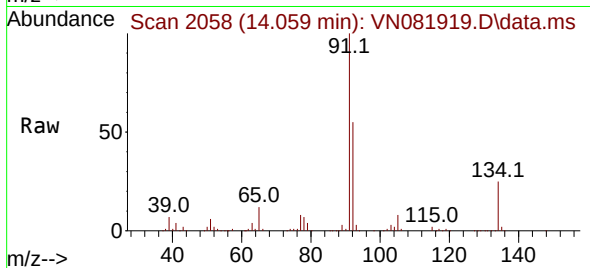
134 23.7 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#90

Hexachloroethane

Concen: 42.973 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081919.D

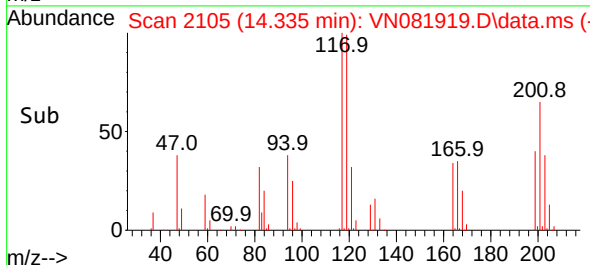
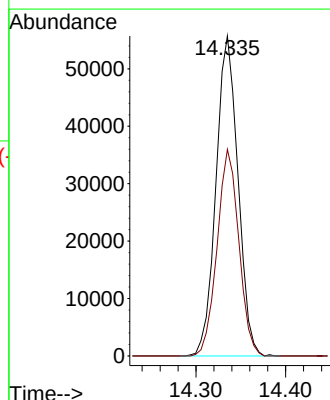
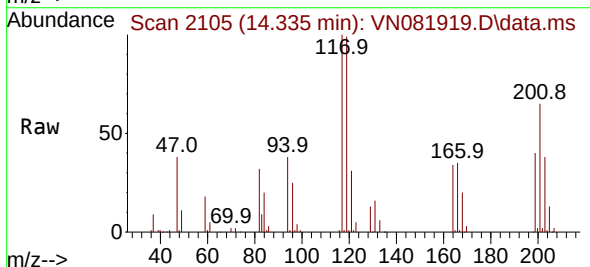
Acq: 30 Apr 2024 09:59

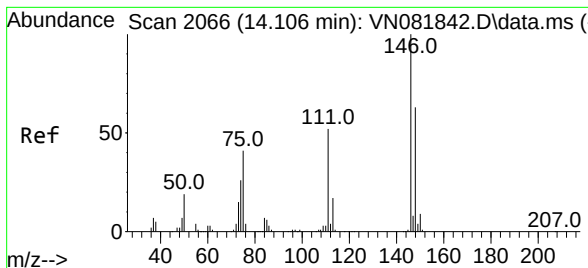
Tgt Ion:117 Resp: 94740

Ion Ratio Lower Upper

117 100

201 63.8 33.3 99.8





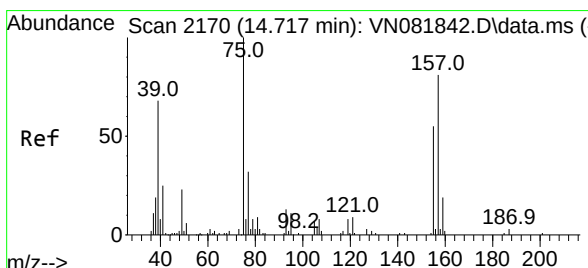
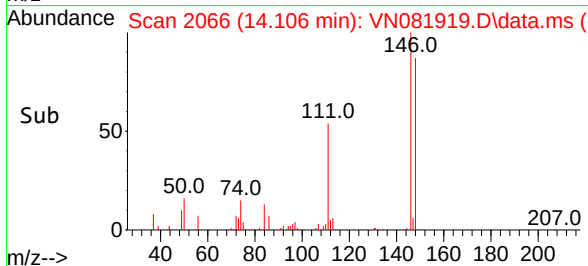
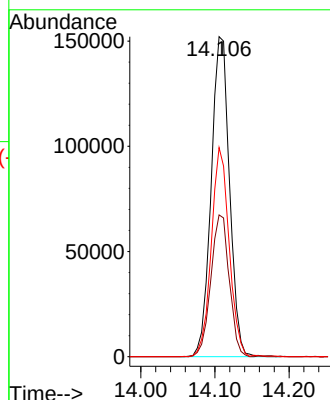
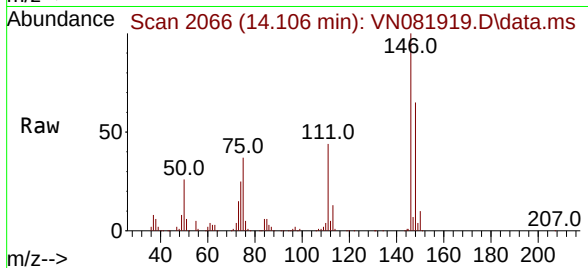
#91
1,2-Dichlorobenzene
Concen: 49.693 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 261549
Ion Ratio Lower Upper
146 100
111 44.3 21.3 64.0
148 63.5 31.8 95.4

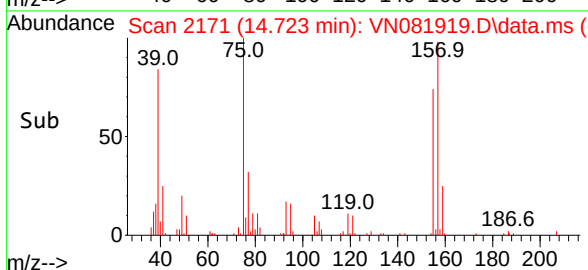
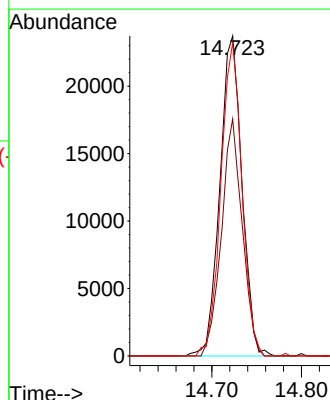
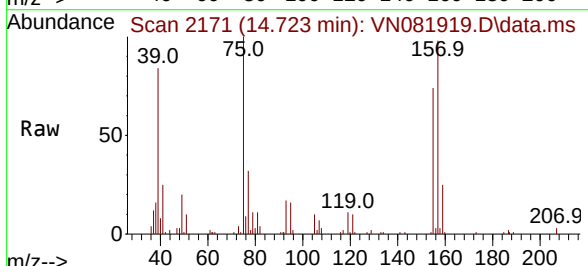
Manual Integrations
APPROVED

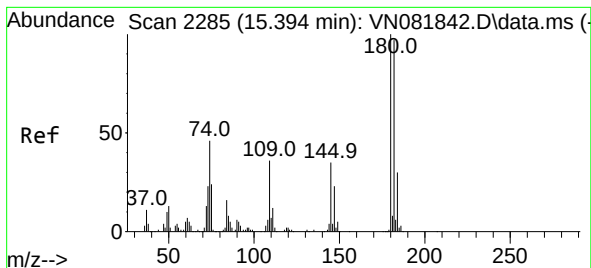
Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.361 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

Tgt Ion: 75 Resp: 40465
Ion Ratio Lower Upper
75 100
155 69.9 42.6 128.0
157 93.5 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 48.943 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 14411

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.0

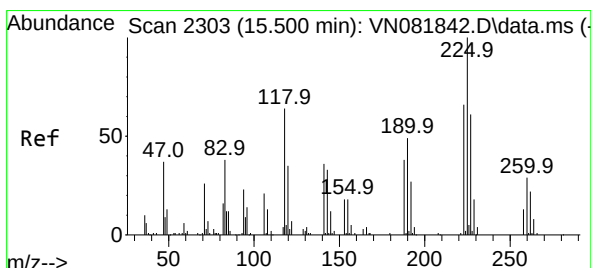
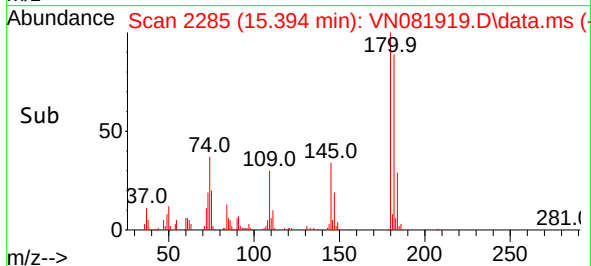
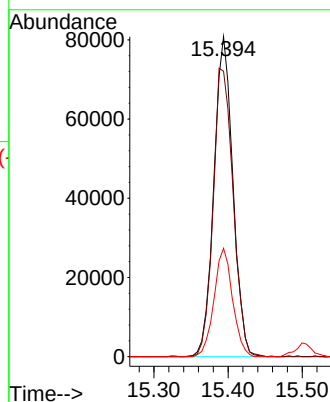
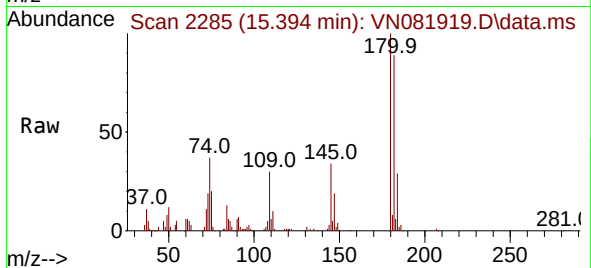
145 33.0 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2024

Supervised By :Semsettin Yesilyurt 05/01/2024



#94

Hexachlorobutadiene

Concen: 43.656 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081919.D

Acq: 30 Apr 2024 09:59

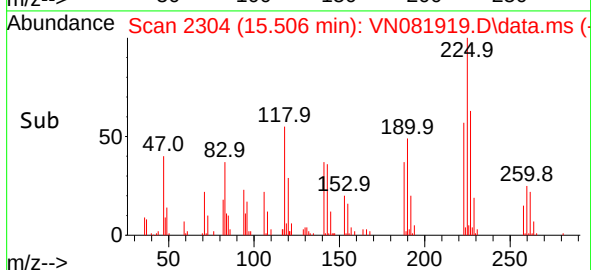
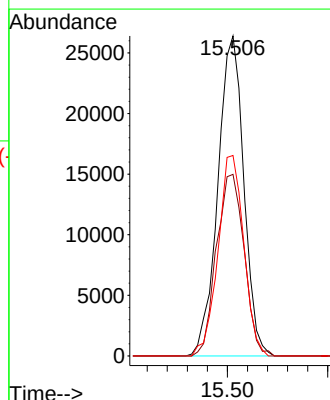
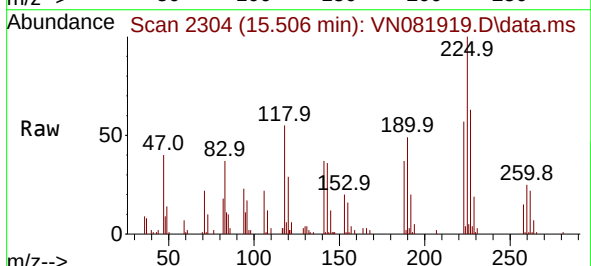
Tgt Ion:225 Resp: 47381

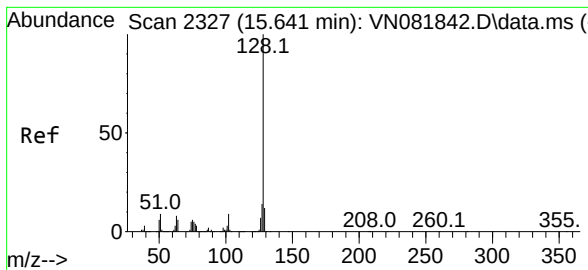
Ion Ratio Lower Upper

225 100

223 60.6 31.1 93.2

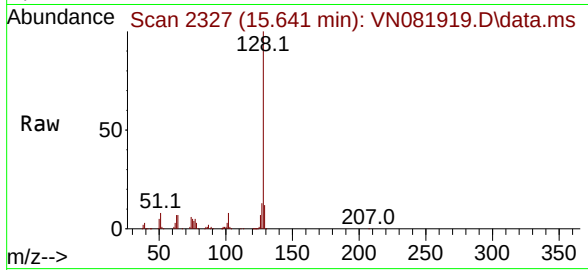
227 62.2 30.6 91.6





#95
Naphthalene
Concen: 48.027 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59

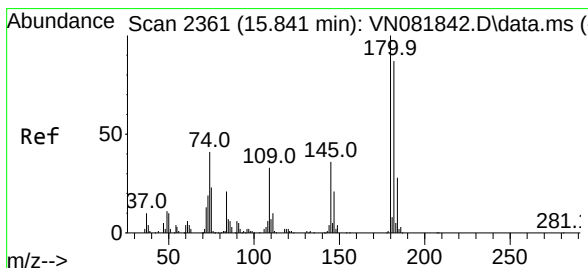
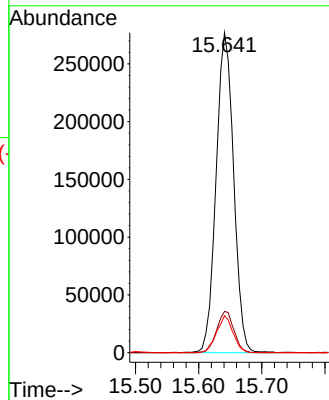
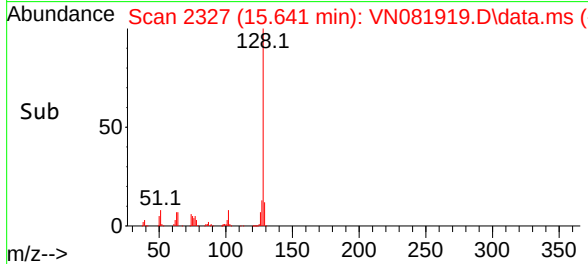
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



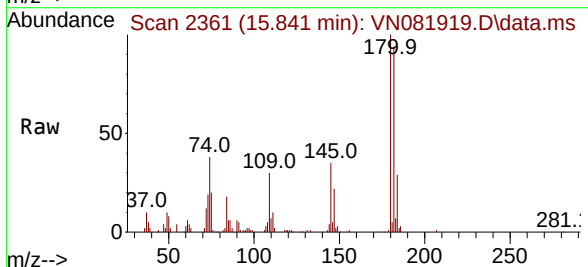
Tgt Ion:128 Resp: 53437
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.517 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081919.D
Acq: 30 Apr 2024 09:59



Tgt Ion:180 Resp: 142818
Ion Ratio Lower Upper
180 100
182 95.8 46.0 137.8
145 34.3 17.1 51.3

