

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083062.D
 Acq On : 30 Jul 2024 12:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 30 16:40:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/31/2024
 Supervised By : Semsettin Yesilyurt 07/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	204631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141550	49.346	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.700%		
35) Dibromofluoromethane	8.165	113	113189	53.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.120%		
50) Toluene-d8	10.565	98	400241	50.803	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.847	95	136467	48.222	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108675	41.021	ug/l	99
3) Chloromethane	2.359	50	82104	32.679	ug/l	98
4) Vinyl Chloride	2.512	62	127436	48.295	ug/l	98
5) Bromomethane	2.953	94	71481	37.572	ug/l	93
6) Chloroethane	3.118	64	83226	46.091	ug/l	96
7) Trichlorofluoromethane	3.494	101	182455	48.076	ug/l	96
8) Diethyl Ether	3.959	74	59932	46.142	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	113114	52.661	ug/l	99
10) Methyl Iodide	4.589	142	105306	47.819	ug/l	99
11) Tert butyl alcohol	5.518	59	109868	227.721	ug/l	99
12) 1,1-Dichloroethene	4.341	96	93251	44.640	ug/l	87
13) Acrolein	4.177	56	60827	174.626	ug/l	100
14) Allyl chloride	5.024	41	137583	42.241	ug/l #	92
15) Acrylonitrile	5.718	53	266829	240.650	ug/l	98
16) Acetone	4.430	43	260029	257.473	ug/l	98
17) Carbon Disulfide	4.712	76	213779	34.248	ug/l	99
18) Methyl Acetate	5.024	43	187020	69.983	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	357025	49.547	ug/l	99
20) Methylene Chloride	5.277	84	117493	48.173	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	105028	46.402	ug/l	85
22) Diisopropyl ether	6.671	45	364269	53.458	ug/l #	92
23) Vinyl Acetate	6.606	43	1263077	233.414	ug/l	96
24) 1,1-Dichloroethane	6.571	63	213096	51.556	ug/l	98
25) 2-Butanone	7.482	43	374725	245.731	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	211022	54.911	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	129680	48.937	ug/l	92
28) Bromochloromethane	7.818	49	88019	49.640	ug/l #	82
29) Tetrahydrofuran	7.841	42	229983	239.558	ug/l #	85
30) Chloroform	7.971	83	238302	54.346	ug/l	96
31) Cyclohexane	8.259	56	153716	40.988	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	208856	51.301	ug/l	97
36) 1,1-Dichloropropene	8.371	75	148658	50.549	ug/l	98
37) Ethyl Acetate	7.559	43	144165	48.150	ug/l	96
38) Carbon Tetrachloride	8.359	117	181500	51.258	ug/l	96
39) Methylcyclohexane	9.600	83	141989	44.697	ug/l	92
40) Benzene	8.606	78	471524	52.124	ug/l	98

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Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/31/2024

Quant Time: Jul 30 16:40:25 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M

Quant Title : SW846 8260

QLast Update : Mon Jul 08 13:46:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81644	50.615	ug/l	91
42) 1,2-Dichloroethane	8.671	62	178238	54.731	ug/l	98
43) Isopropyl Acetate	8.688	43	259817	45.770	ug/l #	92
44) Trichloroethene	9.353	130	111056	47.918	ug/l	100
45) 1,2-Dichloropropane	9.624	63	121926	57.731	ug/l	97
46) Dibromomethane	9.712	93	88920	54.044	ug/l	98
47) Bromodichloromethane	9.888	83	191866	56.437	ug/l	97
48) Methyl methacrylate	9.682	41	119089	50.726	ug/l #	86
49) 1,4-Dioxane	9.694	88	47583	930.226	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	809458	272.702	ug/l	95
52) Toluene	10.629	92	301725	53.394	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	188359	53.783	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	195300	52.683	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	121055	58.256	ug/l	98
56) Ethyl methacrylate	10.876	69	175904	54.411	ug/l	88
57) 1,3-Dichloropropane	11.165	76	204256	55.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	391199	235.821	ug/l	97
59) 2-Hexanone	11.194	43	614686	278.533	ug/l	95
60) Dibromochloromethane	11.359	129	148722	56.193	ug/l	100
61) 1,2-Dibromoethane	11.470	107	118442	53.673	ug/l	97
64) Tetrachloroethene	11.106	164	103457	44.332	ug/l	98
65) Chlorobenzene	11.894	112	337536	50.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	127071	53.299	ug/l	97
67) Ethyl Benzene	11.965	91	562486	49.931	ug/l	100
68) m/p-Xylenes	12.070	106	447122	105.130	ug/l	97
69) o-Xylene	12.400	106	211309	51.853	ug/l	93
70) Styrene	12.412	104	371622	55.191	ug/l	99
71) Bromoform	12.576	173	98860	52.726	ug/l #	99
73) Isopropylbenzene	12.700	105	542848	46.781	ug/l	100
74) N-amyl acetate	12.494	43	216966	45.203	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	175130	50.393	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	156715m	56.921	ug/l	
77) Bromobenzene	12.982	156	139219	46.506	ug/l	94
78) n-propylbenzene	13.035	91	647046	48.497	ug/l	97
79) 2-Chlorotoluene	13.129	91	393495	46.289	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	461781	49.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61489	43.924	ug/l	95
82) 4-Chlorotoluene	13.223	91	395374	46.989	ug/l	97
83) tert-Butylbenzene	13.441	119	384600	46.251	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	472900	49.466	ug/l	99
85) sec-Butylbenzene	13.617	105	558293	49.683	ug/l	99
86) p-Isopropyltoluene	13.729	119	454695	48.498	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	261405	48.338	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	257708	46.079	ug/l	100
89) n-Butylbenzene	14.059	91	392796	48.903	ug/l	98
90) Hexachloroethane	14.335	117	95863	48.323	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	256100	48.775	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33357	41.489	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	128623	45.477	ug/l	99
94) Hexachlorobutadiene	15.505	225	56482	45.048	ug/l	98
95) Naphthalene	15.641	128	404321	41.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	130268	44.796	ug/l	97

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Supervised By :Semsettin Yesilyurt 07/31/2024

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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

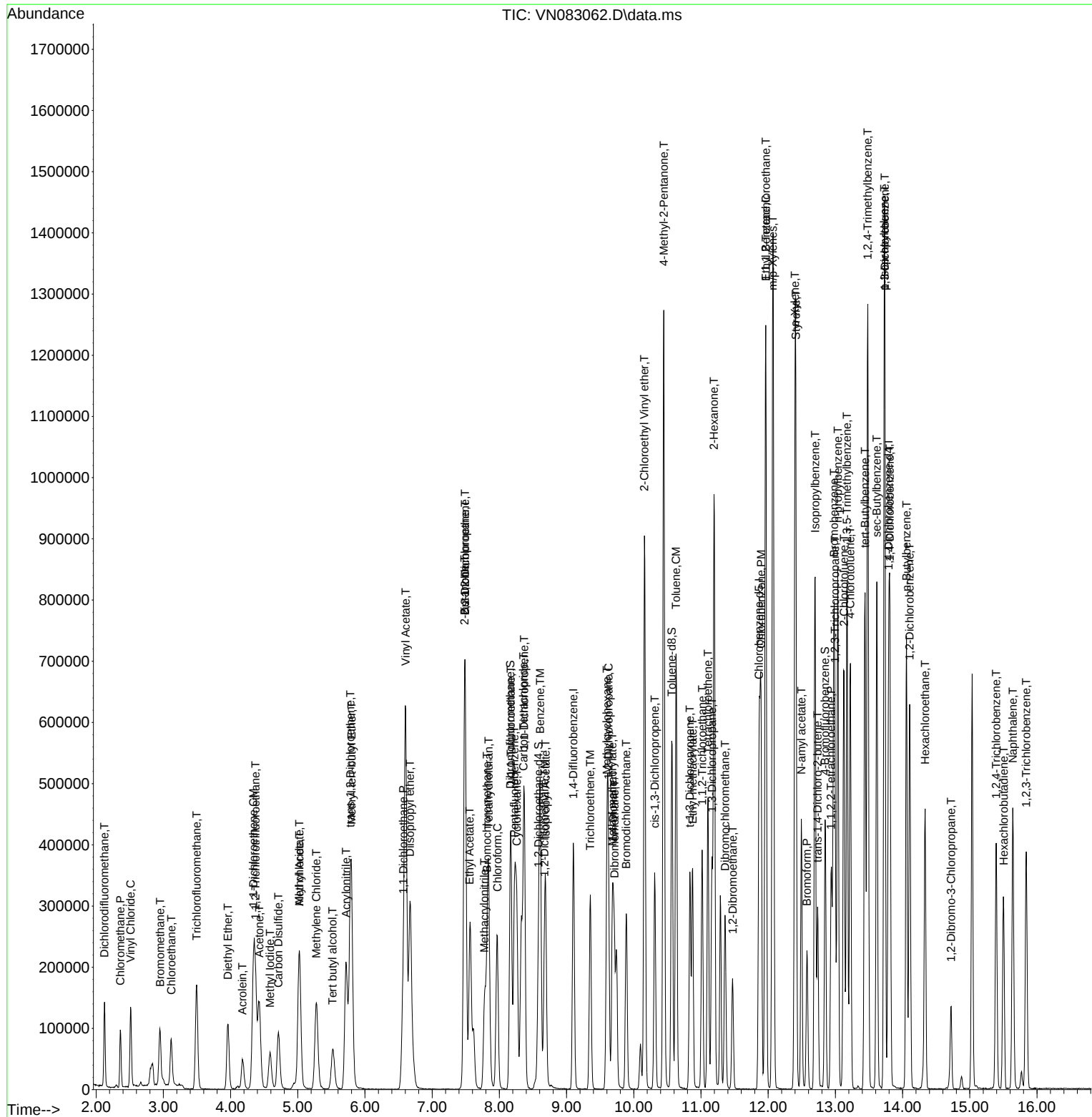
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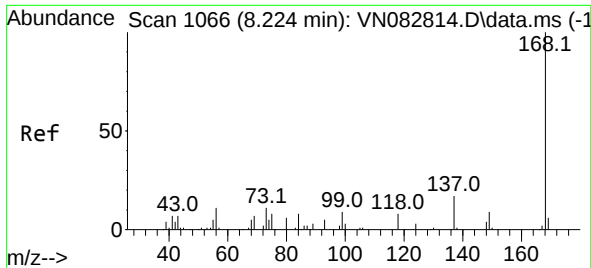
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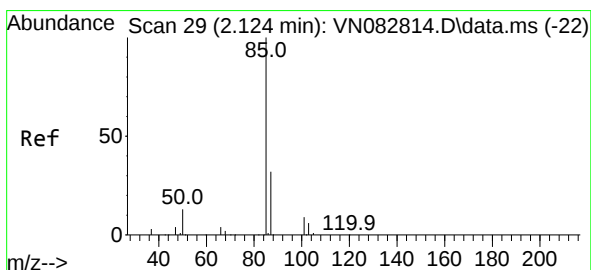
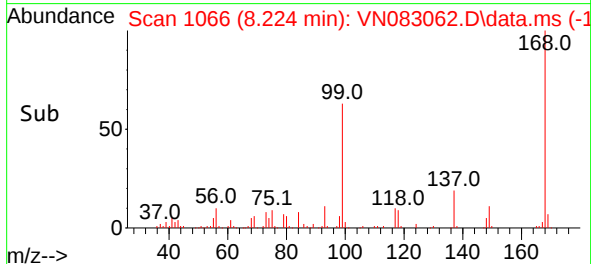
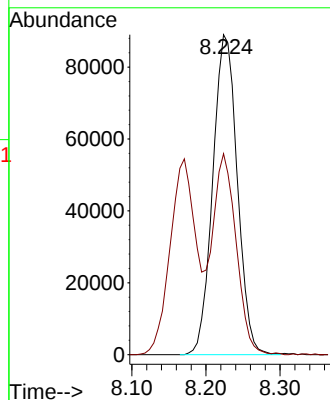
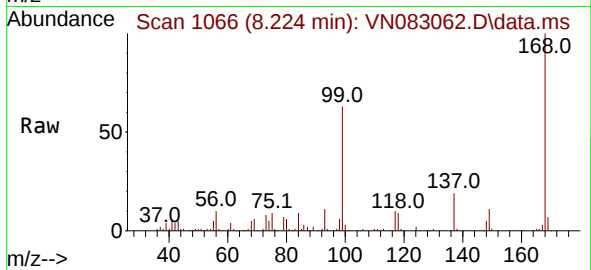
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 20463
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4

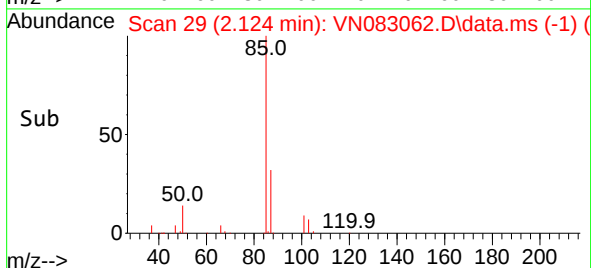
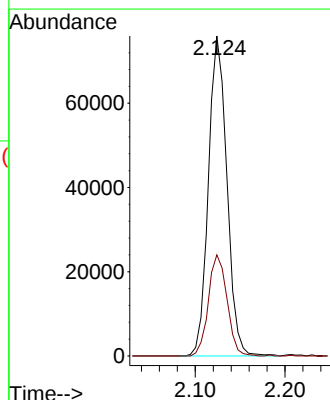
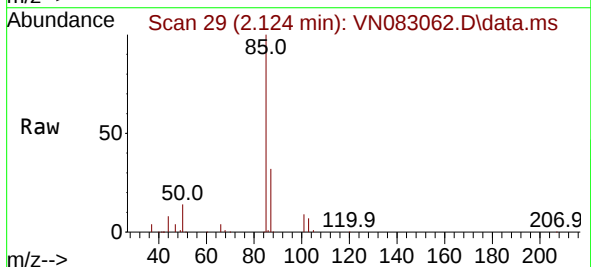
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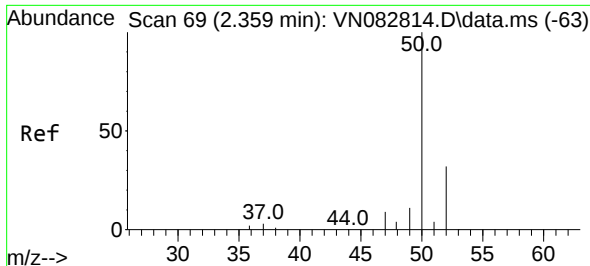
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#2
Dichlorodifluoromethane
Concen: 41.021 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion: 85 Resp: 108675
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0





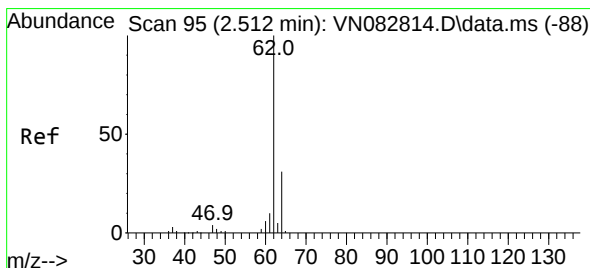
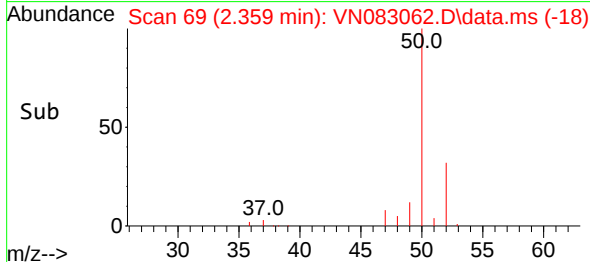
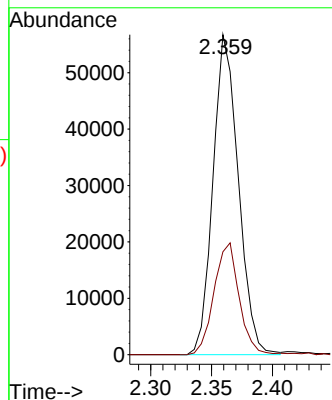
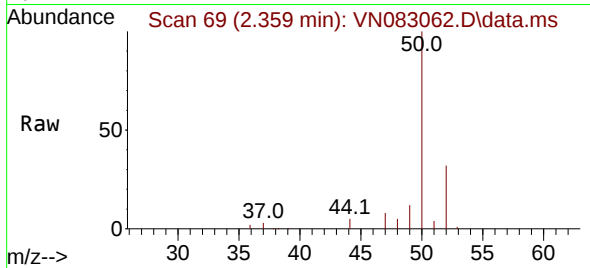
#3
Chloromethane
Concen: 32.679 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 82104
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

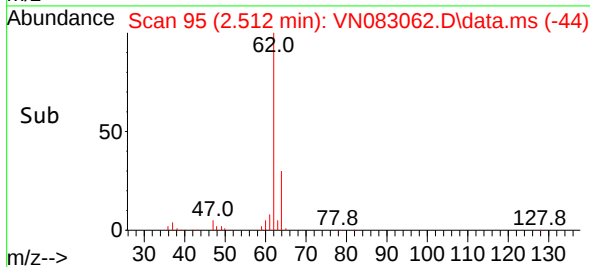
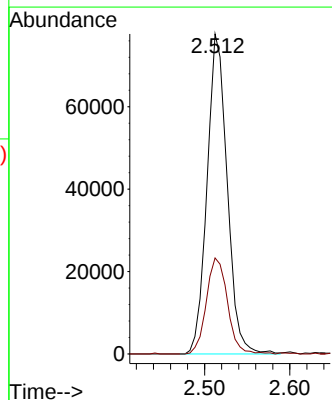
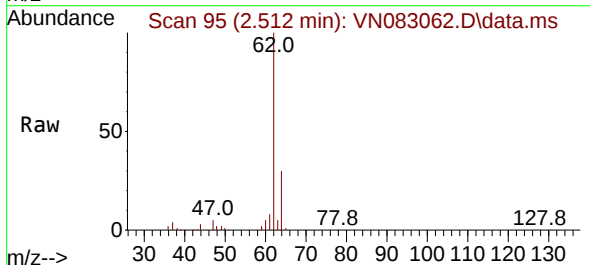
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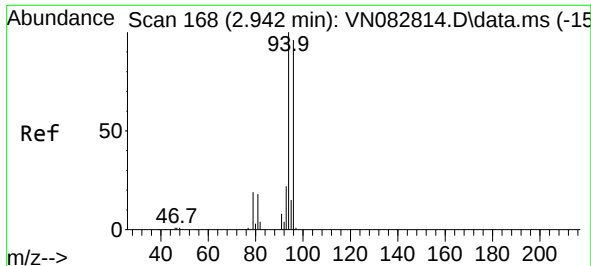
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#4
Vinyl Chloride
Concen: 48.295 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

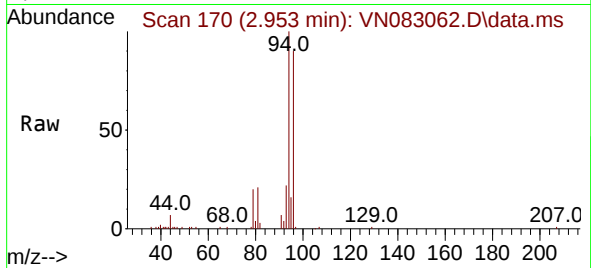
Tgt Ion: 62 Resp: 127436
Ion Ratio Lower Upper
62 100
64 30.0 25.0 37.6





#5
Bromomethane
Concen: 37.572 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

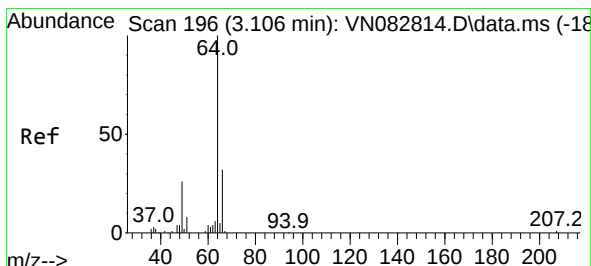
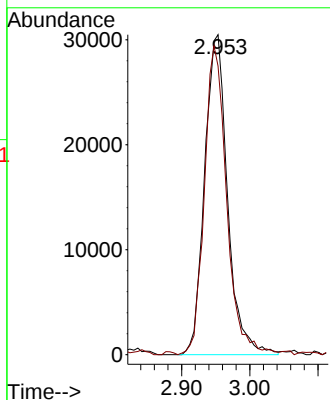
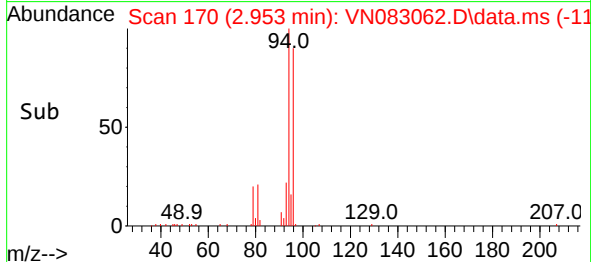
Instrument :
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Tgt Ion: 94 Resp: 7148
Ion Ratio Lower Upper
94 100
96 90.2 78.0 117.0

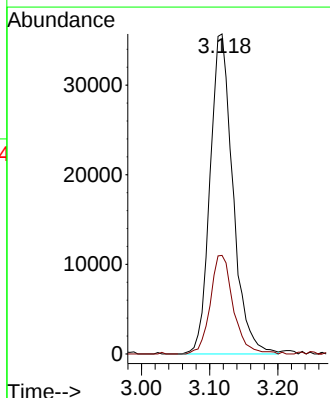
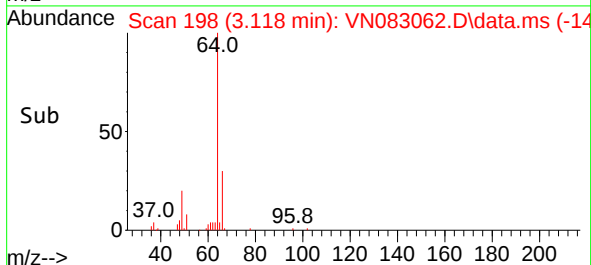
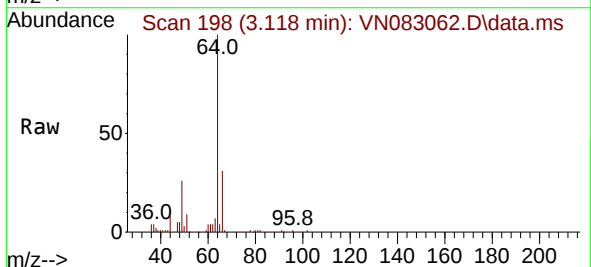
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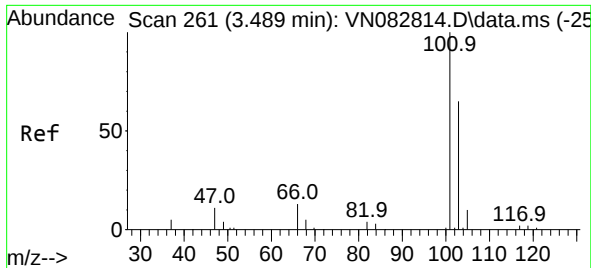
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#6
Chloroethane
Concen: 46.091 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion: 64 Resp: 83226
Ion Ratio Lower Upper
64 100
66 30.8 26.6 40.0





#7
Trichlorofluoromethane
Concen: 48.076 ug/l
RT: 3.494 min Scan# 261
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

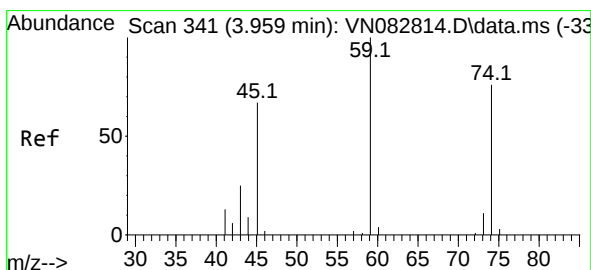
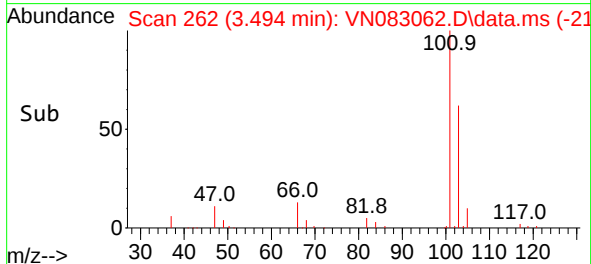
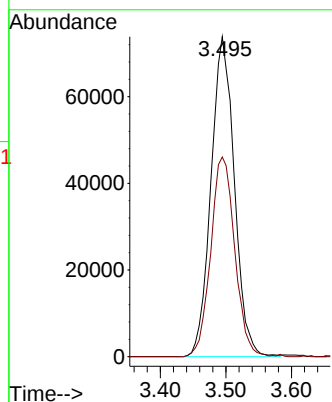
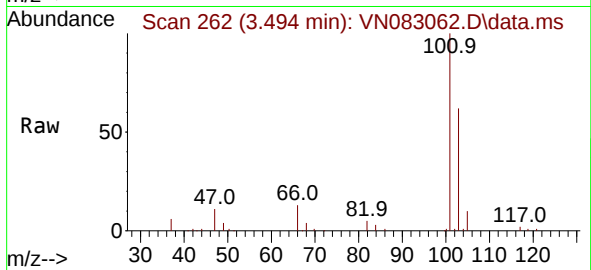
Tgt Ion:101 Resp: 18245
Ion Ratio Lower Upper
101 100
103 62.4 52.7 79.1

Manual Integrations

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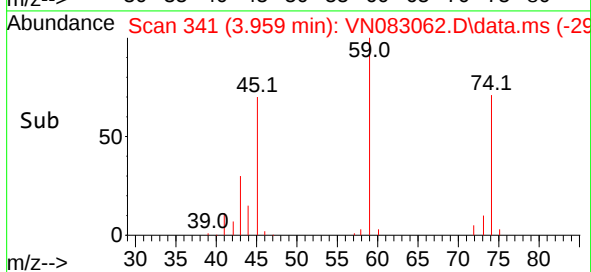
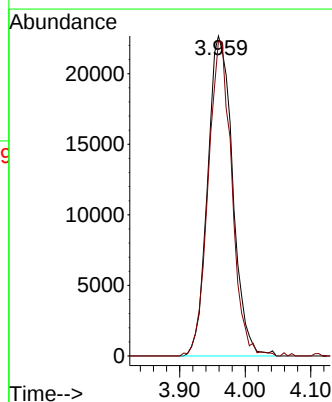
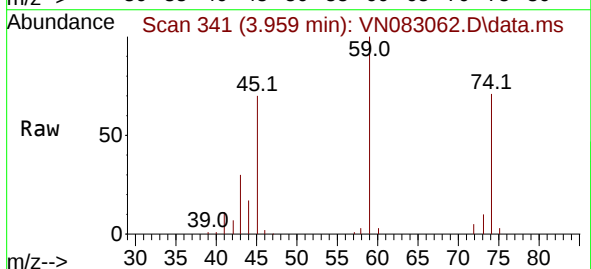
Reviewed By :John Carlone 07/31/2024

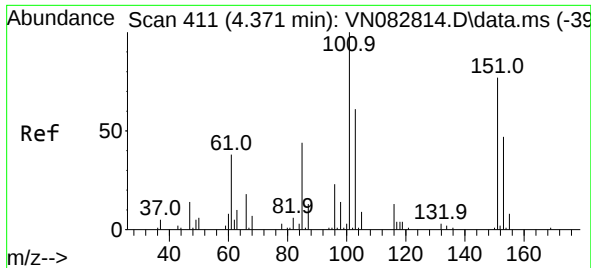
Supervised By :Semsettin Yesilyurt 07/31/2024



#8
Diethyl Ether
Concen: 46.142 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion: 74 Resp: 59932
Ion Ratio Lower Upper
74 100
45 93.0 55.5 166.3





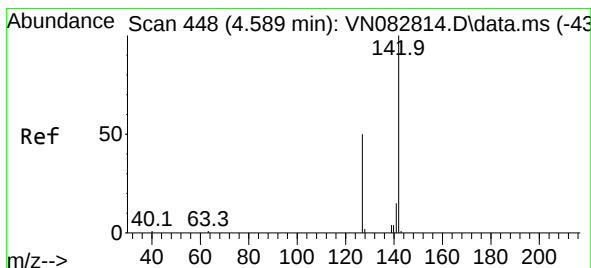
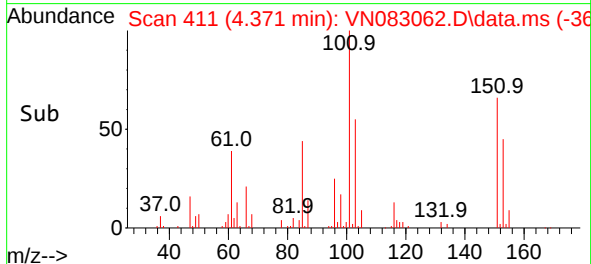
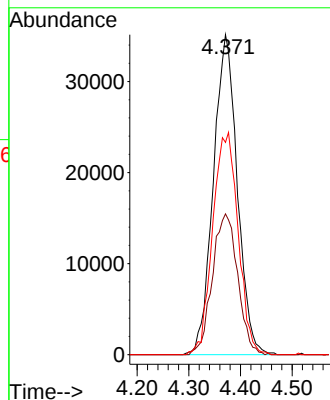
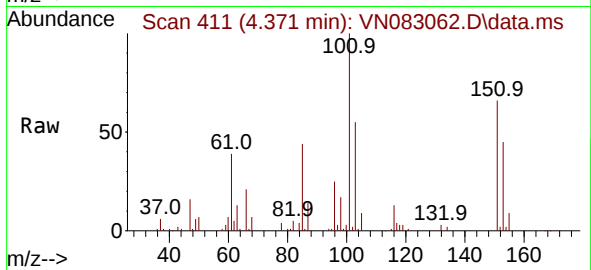
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.661 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 113114
Ion Ratio Lower Upper
101 100
85 46.6 38.3 57.5
151 73.7 59.3 88.9

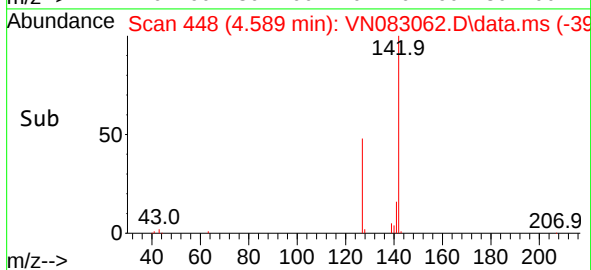
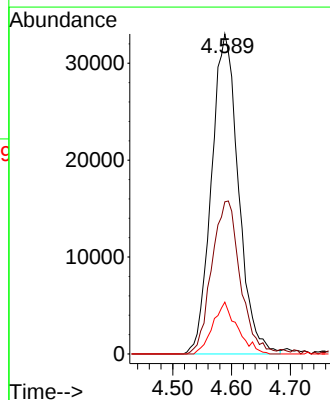
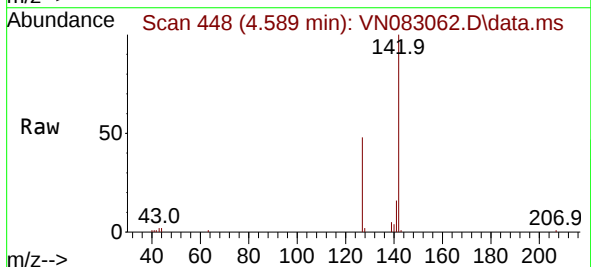
Manual Integrations
APPROVED

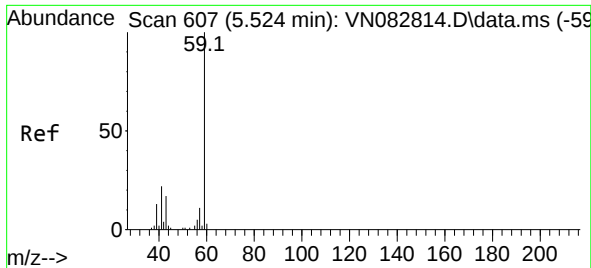
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#10
Methyl Iodide
Concen: 47.819 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

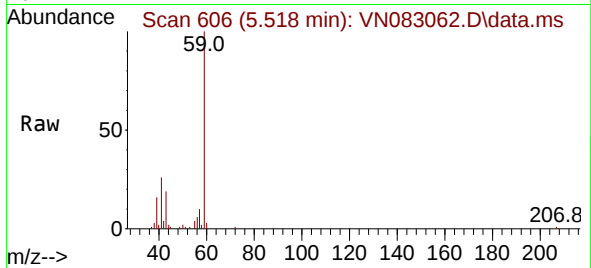
Tgt Ion:142 Resp: 105306
Ion Ratio Lower Upper
142 100
127 47.5 37.5 56.3
141 16.2 13.1 19.7





#11
Tert butyl alcohol
Concen: 227.721 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

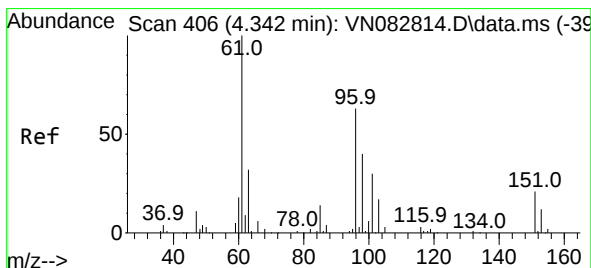
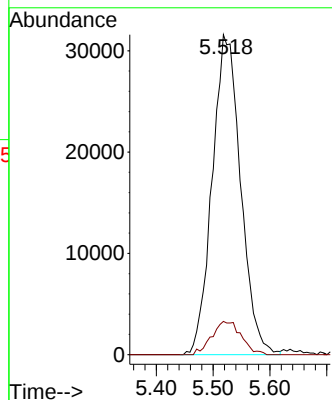
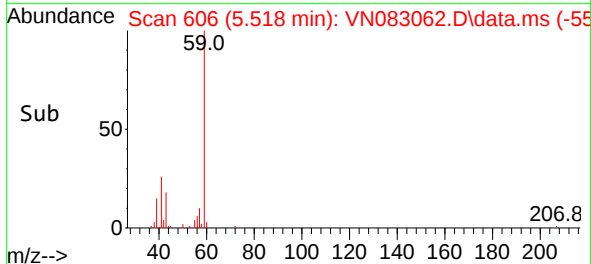
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



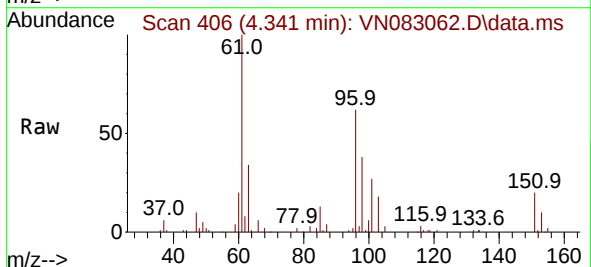
Tgt Ion: 59 Resp: 10986
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

Manual Integrations
APPROVED

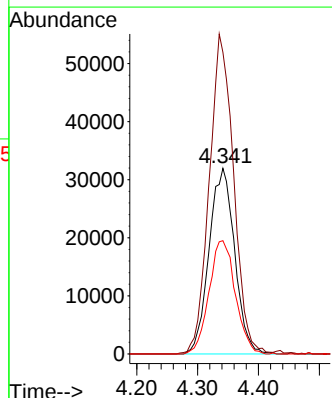
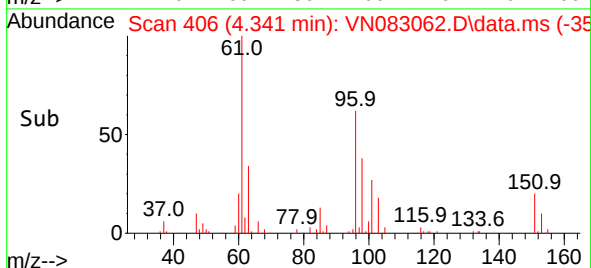
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

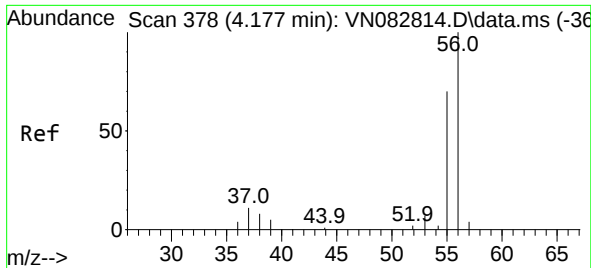


#12
1,1-Dichloroethene
Concen: 44.640 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



Tgt Ion: 96 Resp: 93251
Ion Ratio Lower Upper
96 100
61 162.0 149.7 224.5
98 61.0 50.1 75.1





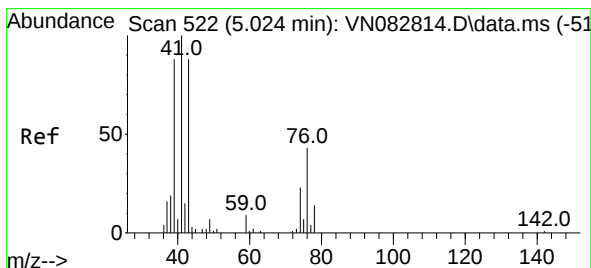
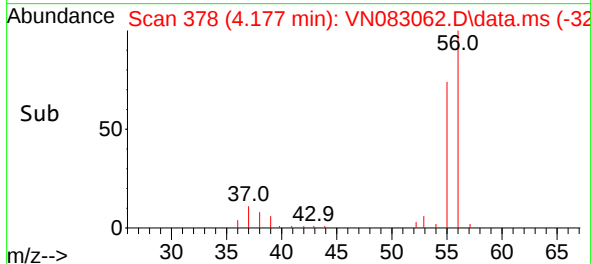
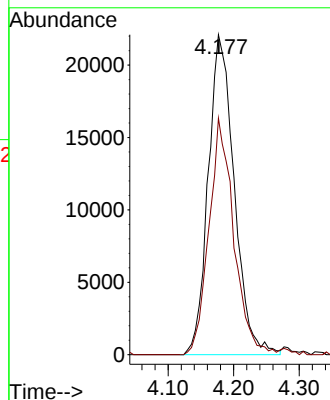
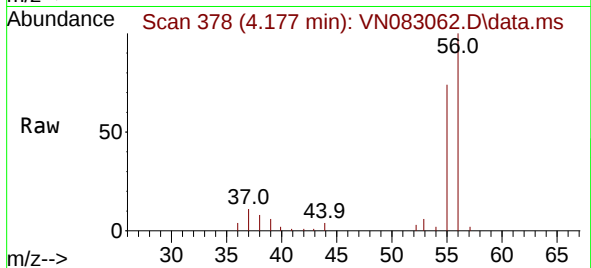
#13
Acrolein
Concen: 174.626 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 6082
Ion Ratio Lower Upper
56 100
55 70.4 56.4 84.6

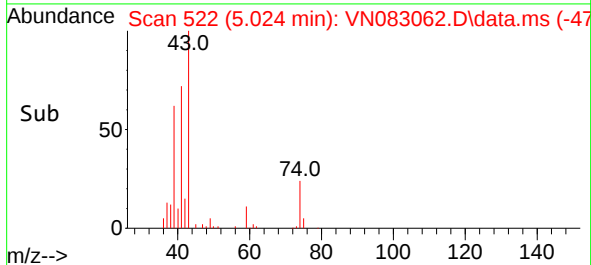
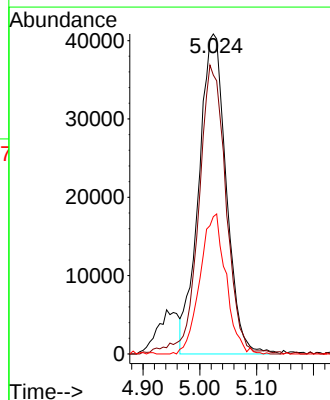
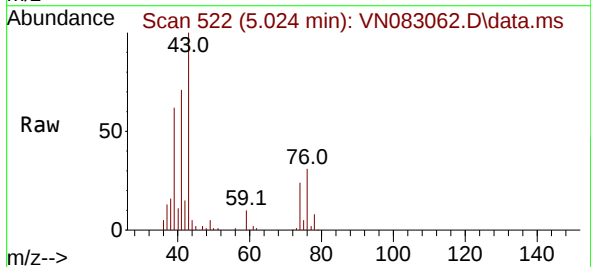
Manual Integrations
APPROVED

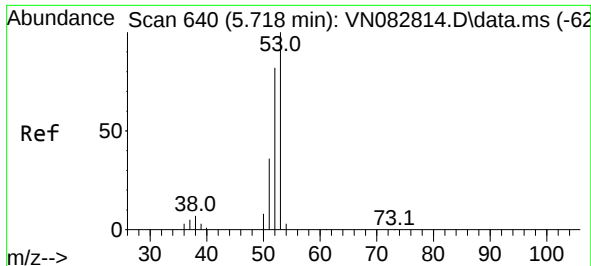
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#14
Allyl chloride
Concen: 42.241 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

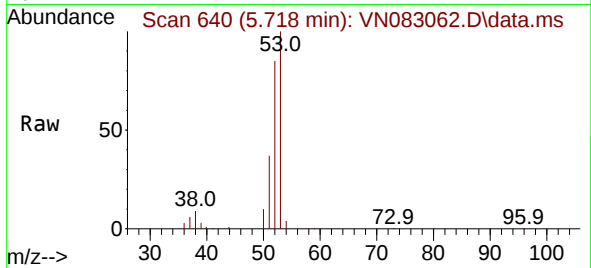
Tgt Ion: 41 Resp: 137583
Ion Ratio Lower Upper
41 100
39 89.2 67.8 101.6
76 41.2 25.8 38.8#





#15
Acrylonitrile
Concen: 240.650 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

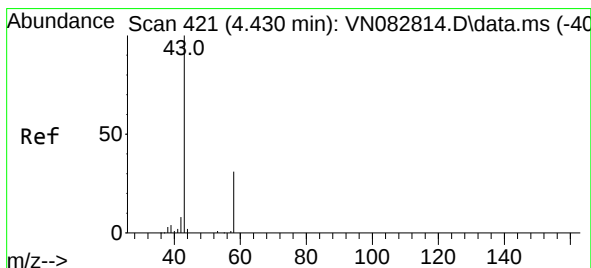
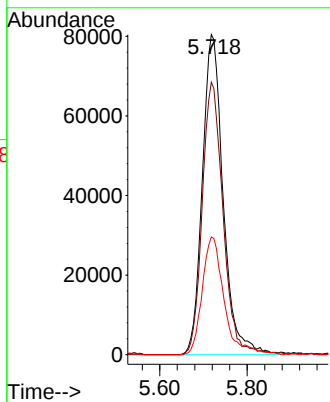
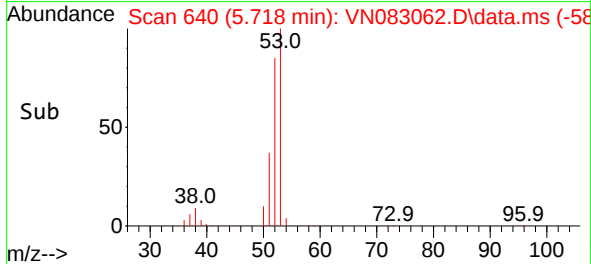
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 266829
Ion Ratio Lower Upper
53 100
52 85.0 66.6 100.0
51 38.6 30.1 45.1

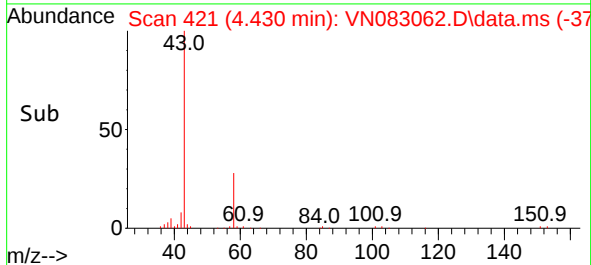
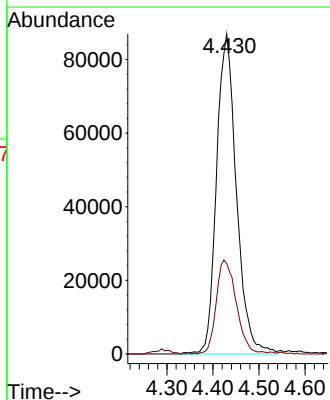
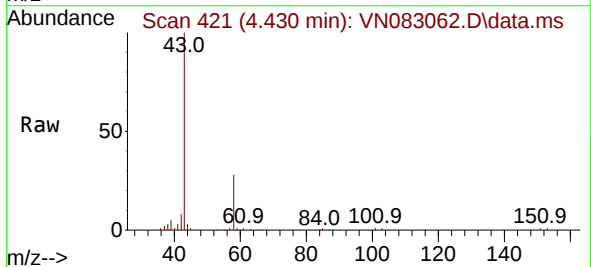
Manual Integrations
APPROVED

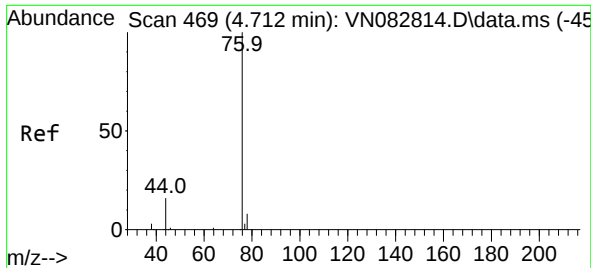
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#16
Acetone
Concen: 257.473 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

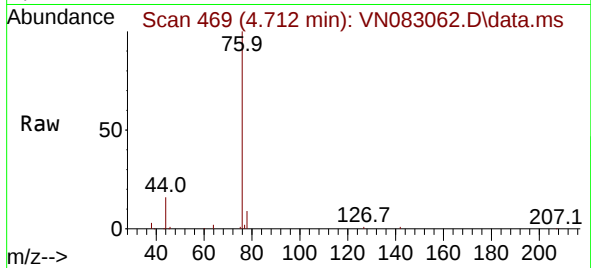
Tgt Ion: 43 Resp: 260029
Ion Ratio Lower Upper
43 100
58 28.0 21.8 32.6





#17
Carbon Disulfide
Concen: 34.248 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

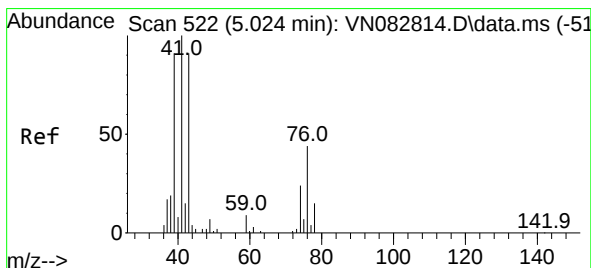
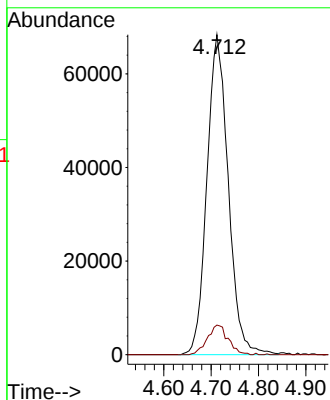
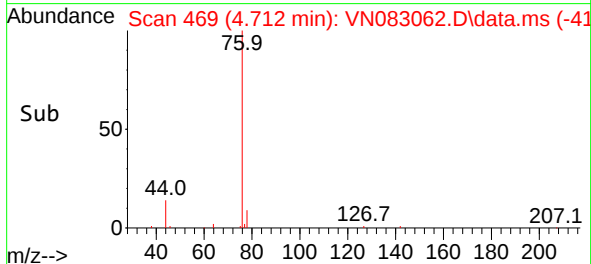
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



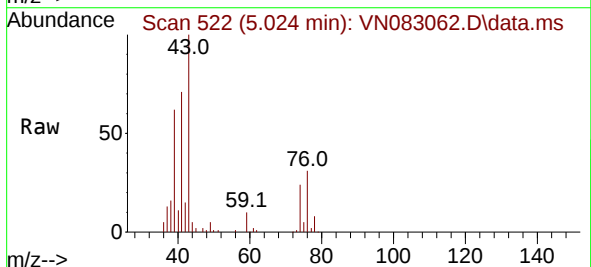
Tgt Ion: 76 Resp: 213779
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

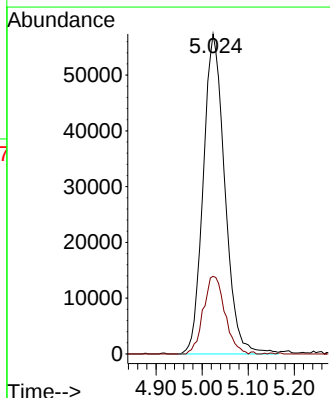
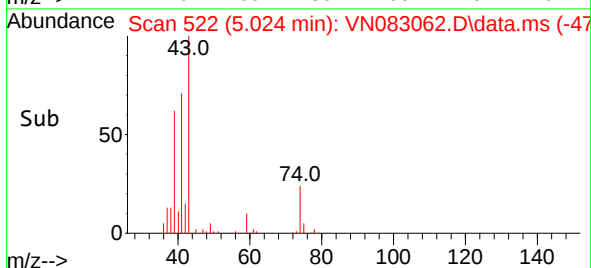
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

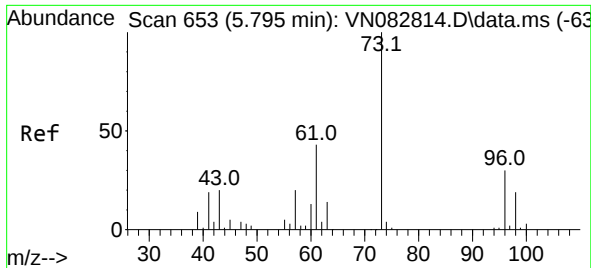


#18
Methyl Acetate
Concen: 69.983 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



Tgt Ion: 43 Resp: 187020
Ion Ratio Lower Upper
43 100
74 24.2 16.3 24.5





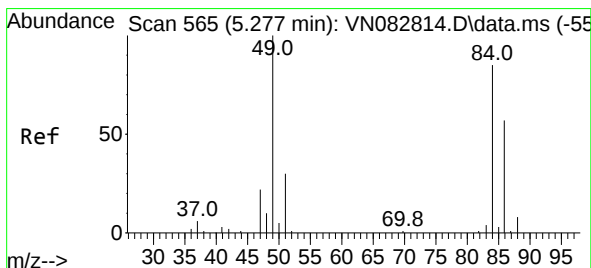
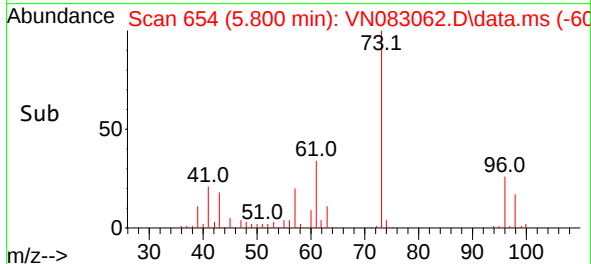
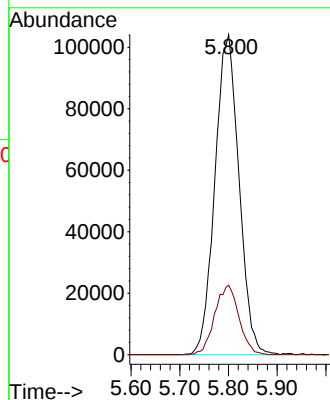
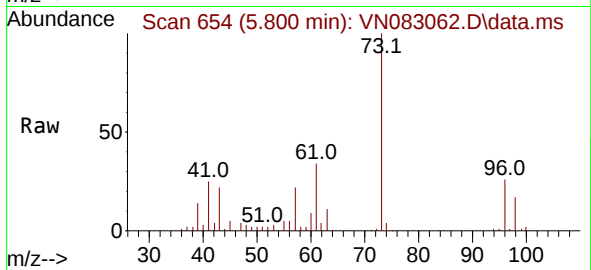
#19
Methyl tert-butyl Ether
Concen: 49.547 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 35702
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

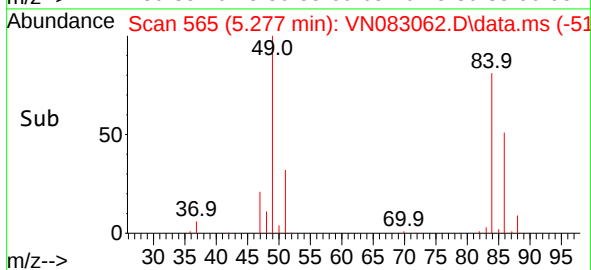
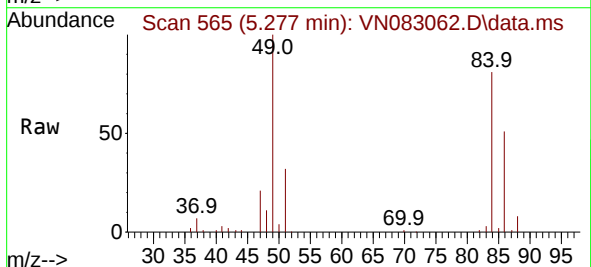
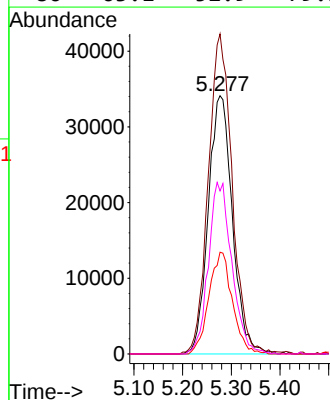
Manual Integrations
APPROVED

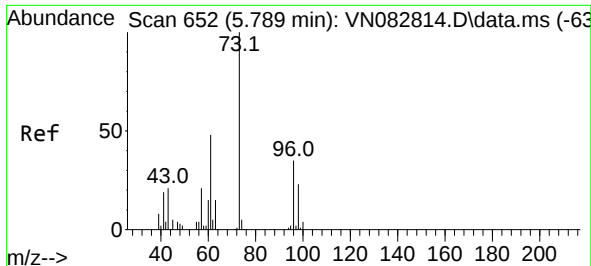
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#20
Methylene Chloride
Concen: 48.173 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

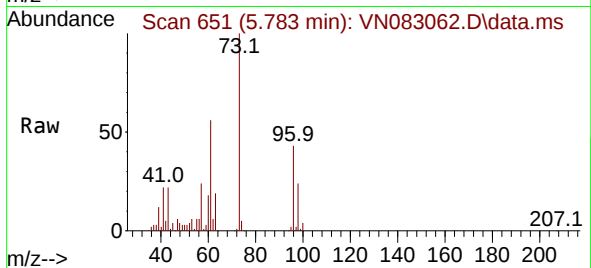
Tgt Ion: 84 Resp: 117493
Ion Ratio Lower Upper
84 100
49 123.9 119.6 179.4
51 39.4 34.8 52.2
86 63.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 46.402 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

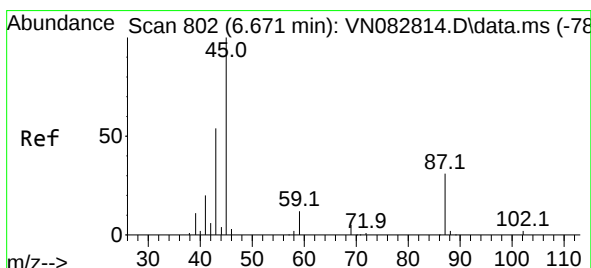
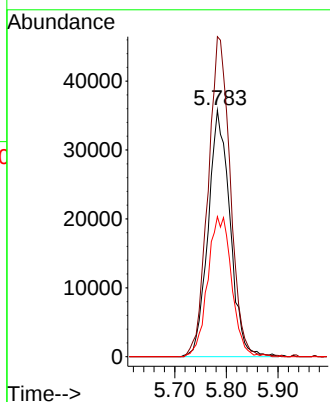
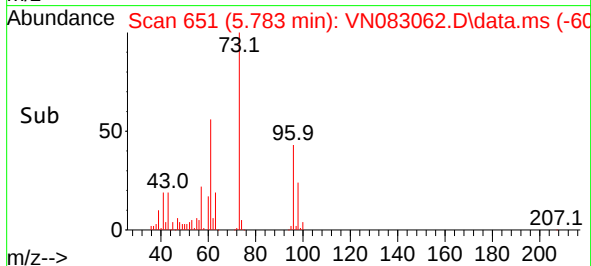
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



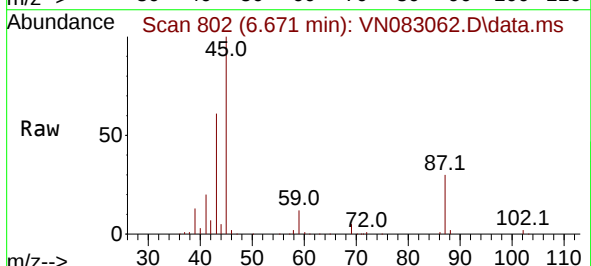
Tgt Ion: 96 Resp: 105028
Ion Ratio Lower Upper
96 100
61 129.9 123.4 185.2
98 56.8 49.3 73.9

Manual Integrations
APPROVED

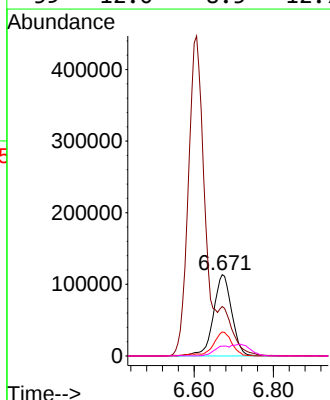
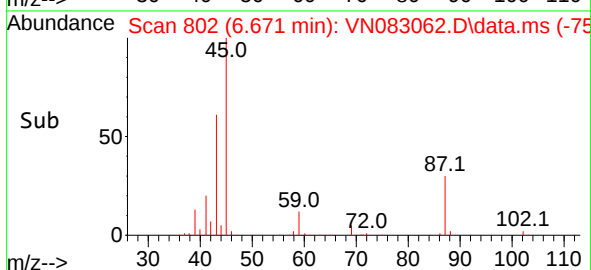
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

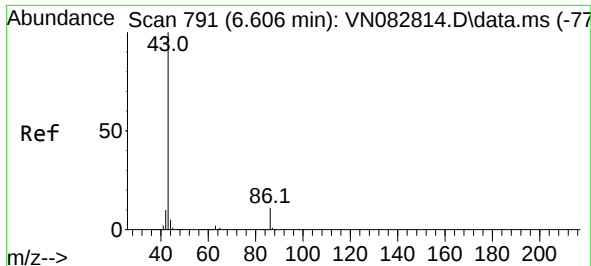


#22
Diisopropyl ether
Concen: 53.458 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



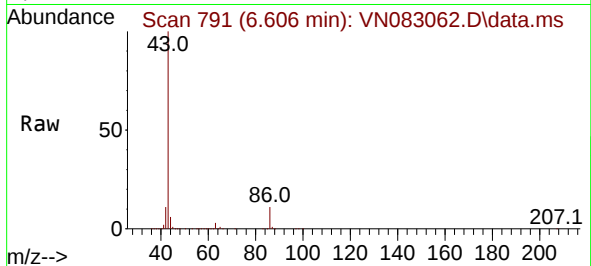
Tgt Ion: 45 Resp: 364269
Ion Ratio Lower Upper
45 100
43 60.3 44.0 66.0
87 29.5 19.7 29.5#
59 12.0 8.5 12.7





#23
 Vinyl Acetate
 Concen: 233.414 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

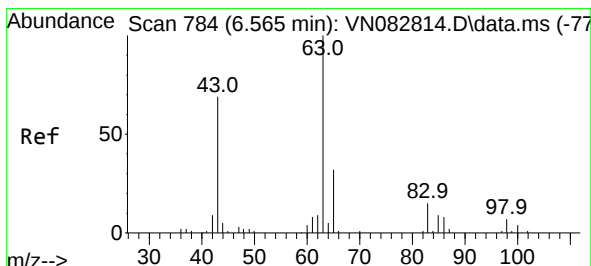
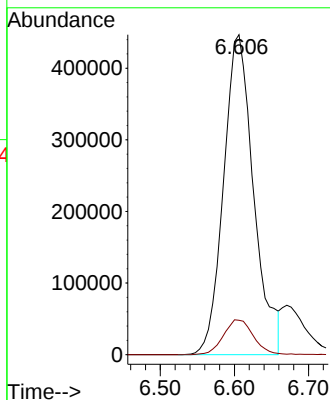
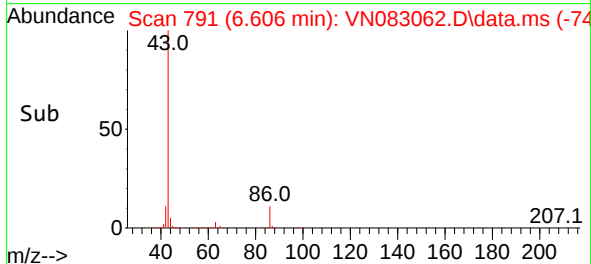
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



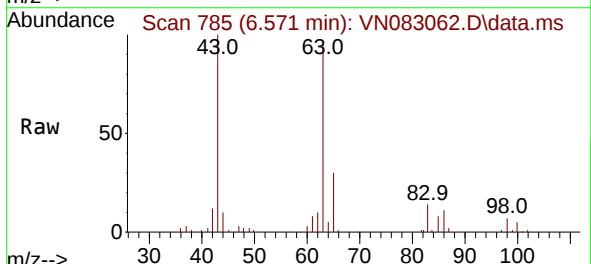
Tgt Ion: 43 Resp: 126307
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.3 10.9

Manual Integrations
 APPROVED

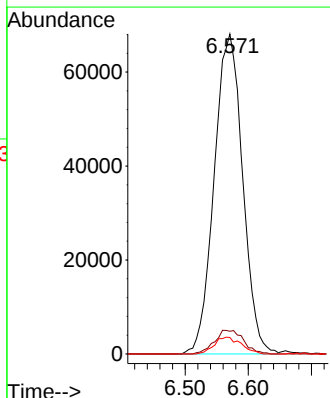
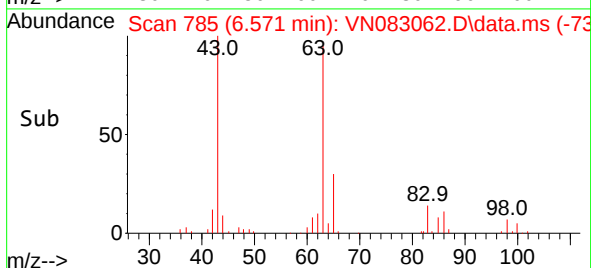
Reviewed By :John Carlone 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

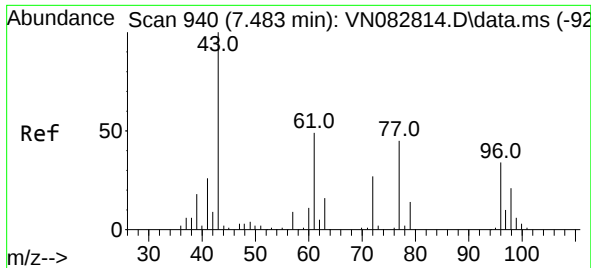


#24
 1,1-Dichloroethane
 Concen: 51.556 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25



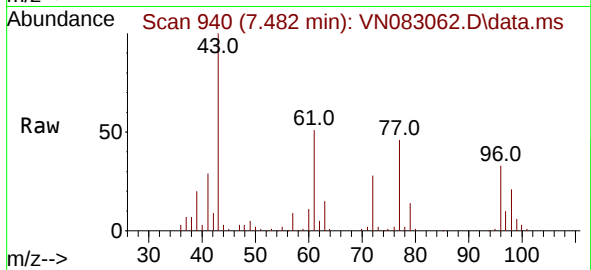
Tgt Ion: 63 Resp: 213096
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 5.2 2.0 6.0





#25
2-Butanone
Concen: 245.731 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

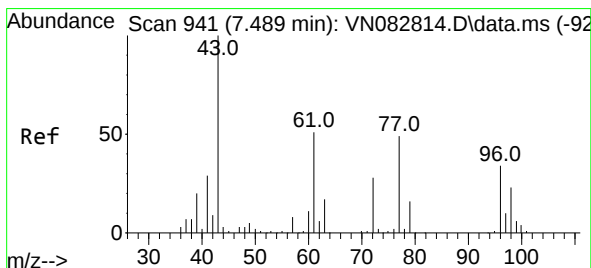
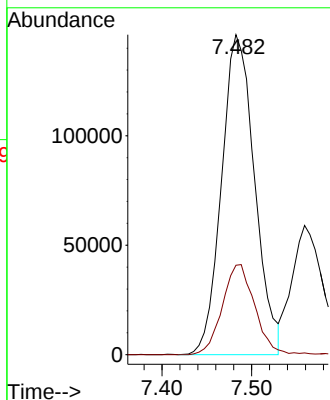
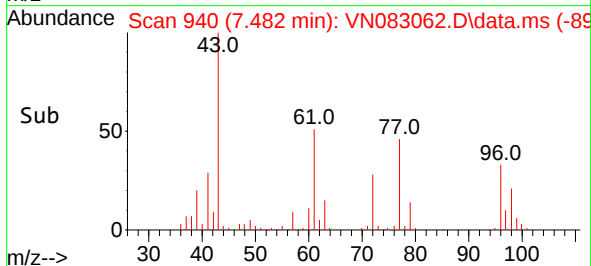
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 374725
Ion Ratio Lower Upper
43 100
72 27.9 18.2 27.25

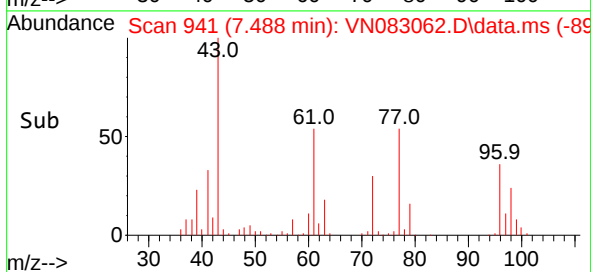
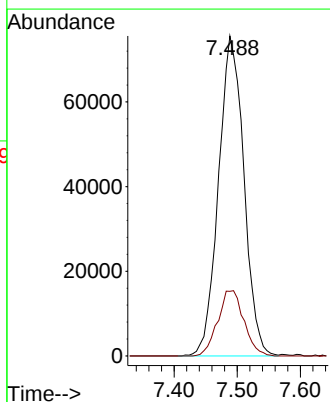
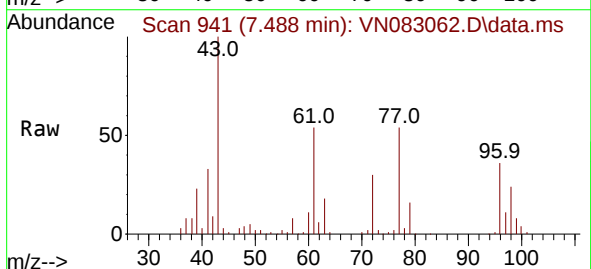
Manual Integrations
APPROVED

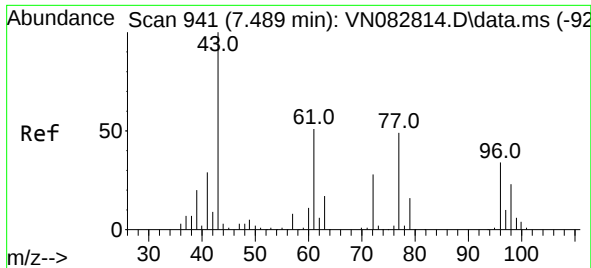
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#26
2,2-Dichloropropane
Concen: 54.911 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

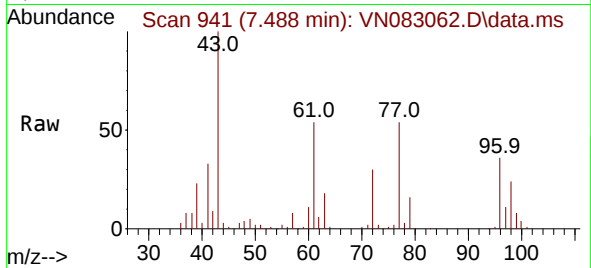
Tgt Ion: 77 Resp: 211022
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 48.937 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

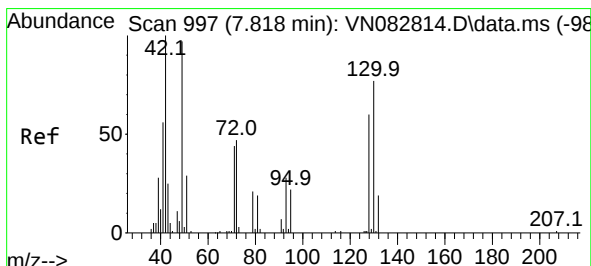
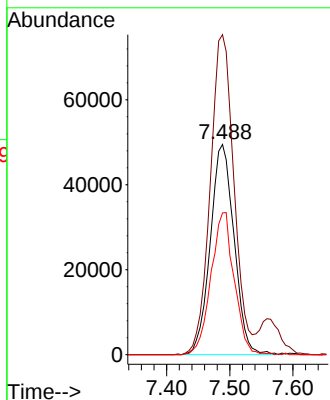
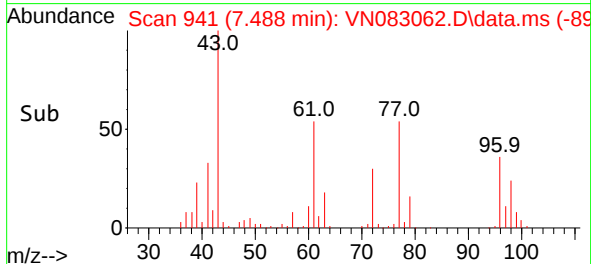
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 129680
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 329.6
 98 66.0 0.0 128.6

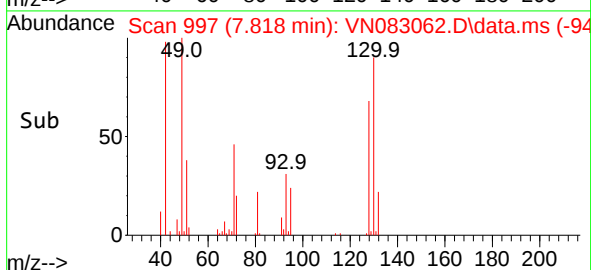
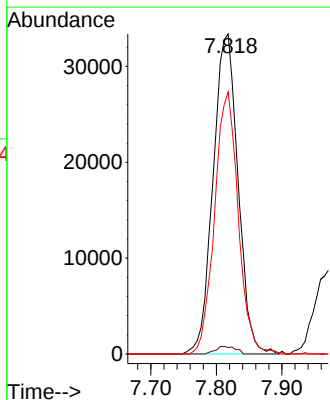
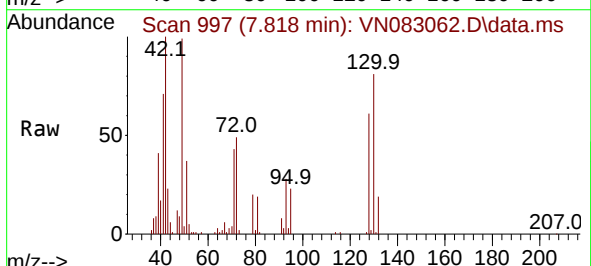
Manual Integrations
 APPROVED

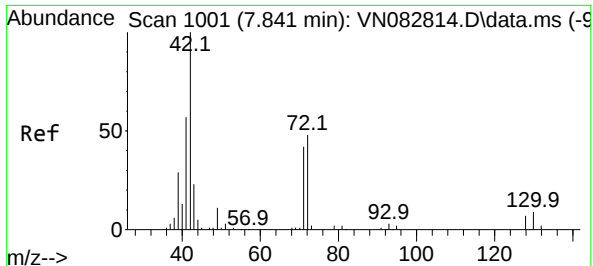
Reviewed By :John Carlone 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024



#28
 Bromochloromethane
 Concen: 49.640 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

Tgt Ion: 49 Resp: 88019
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 77.7 50.5 75.7#





#29

Tetrahydrofuran

Concen: 239.558 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 22998

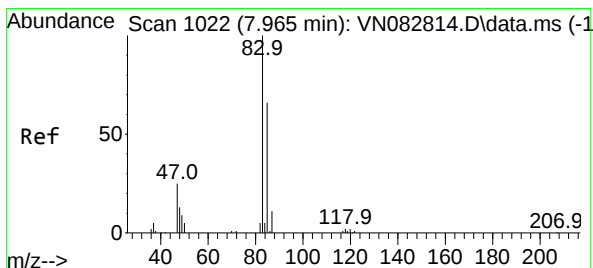
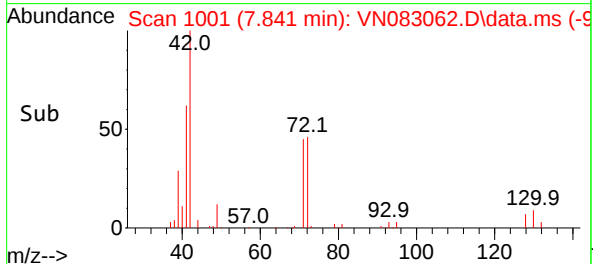
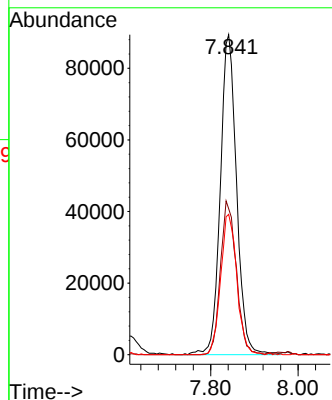
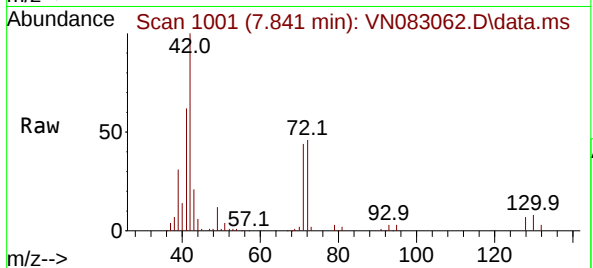
Ion	Ratio	Lower	Upper
42	100		
72	46.9	30.0	45.0
71	43.7	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#30

Chloroform

Concen: 54.346 ug/l

RT: 7.971 min Scan# 1023

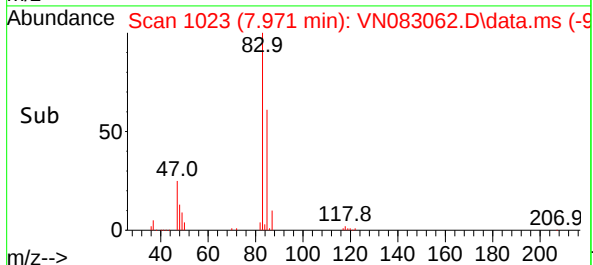
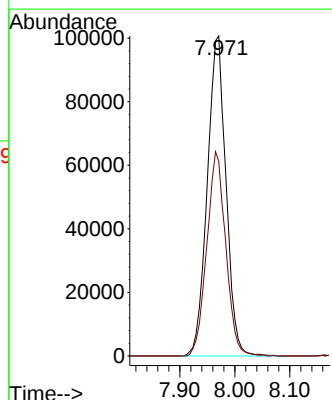
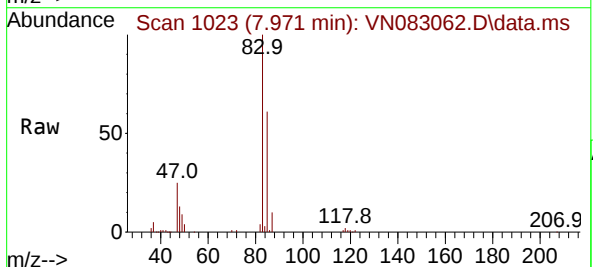
Delta R.T. 0.006 min

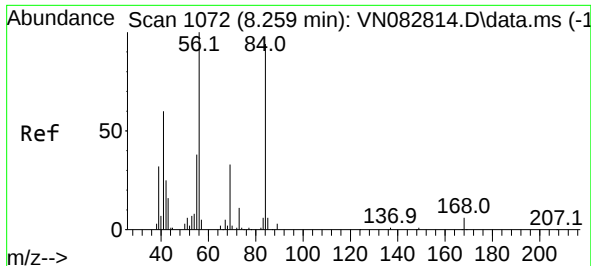
Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Tgt Ion: 83 Resp: 238302

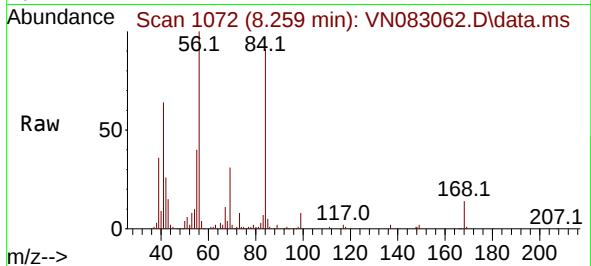
Ion	Ratio	Lower	Upper
83	100		
85	60.8	50.9	76.3





#31
Cyclohexane
Concen: 40.988 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

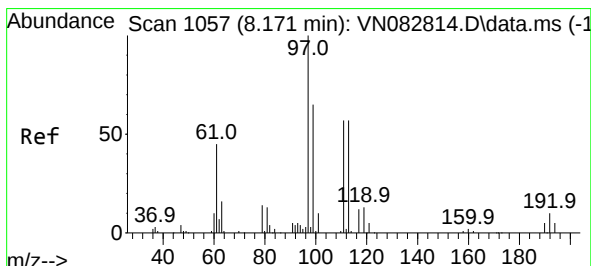
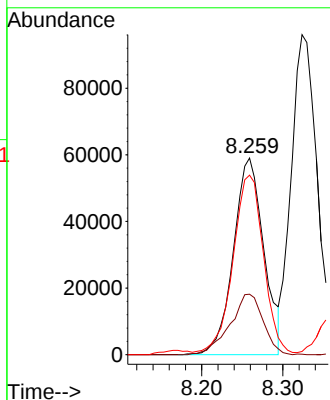
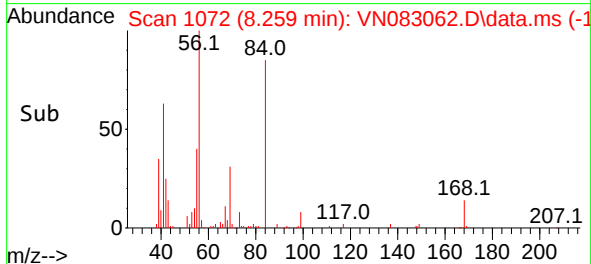
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



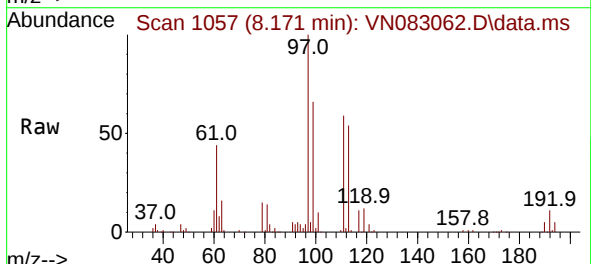
Tgt Ion: 56 Resp: 153710
Ion Ratio Lower Upper
56 100
69 30.8 24.5 36.7
84 89.0 66.0 99.0

Manual Integrations
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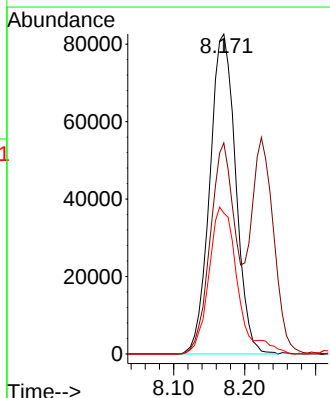
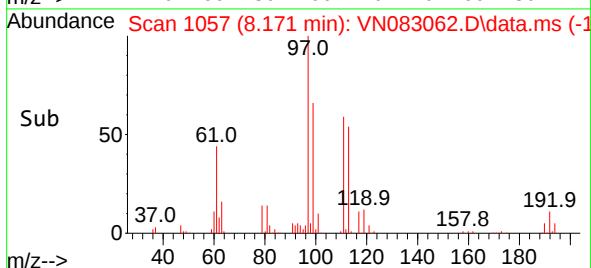
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

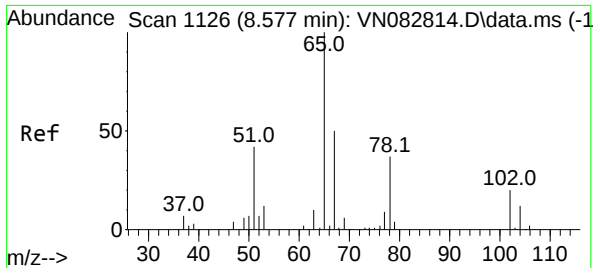


#32
1,1,1-Trichloroethane
Concen: 51.301 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



Tgt Ion: 97 Resp: 208856
Ion Ratio Lower Upper
97 100
99 62.3 52.0 78.0
61 50.7 42.1 63.1





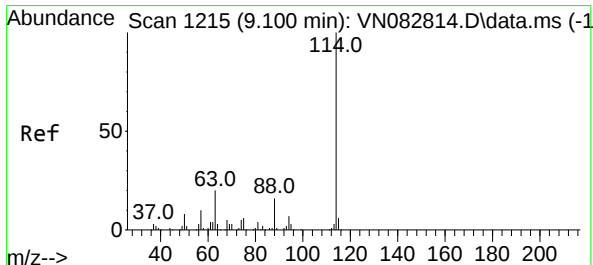
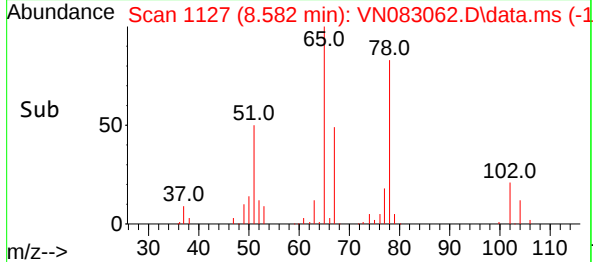
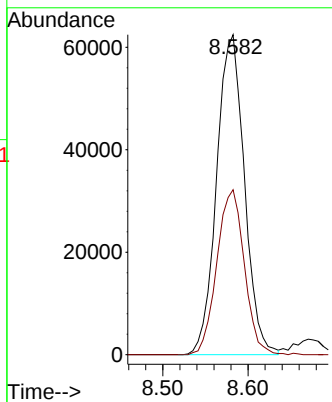
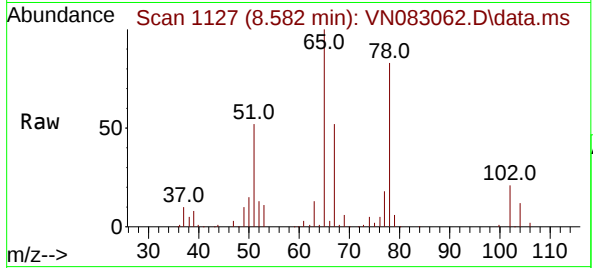
#33
 1,2-Dichloroethane-d4
 Concen: 49.346 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

Tgt Ion: 65 Resp: 141550
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.4

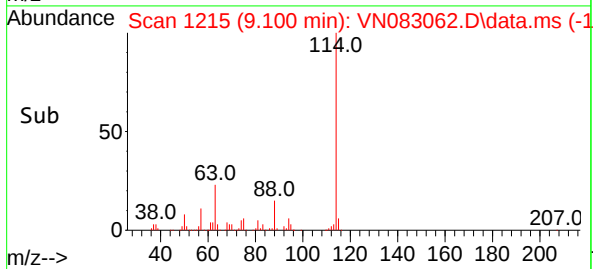
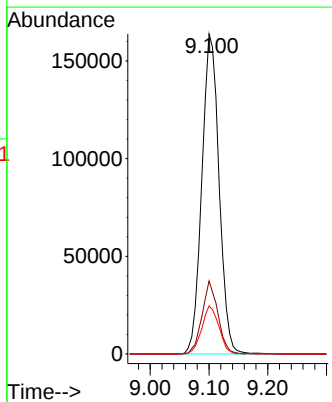
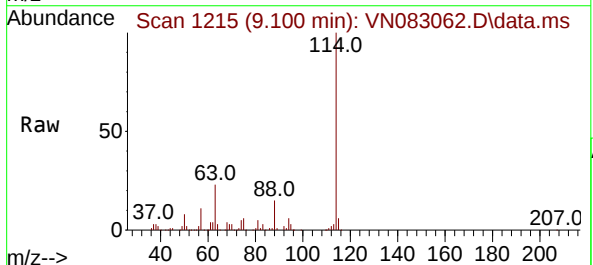
Manual Integrations
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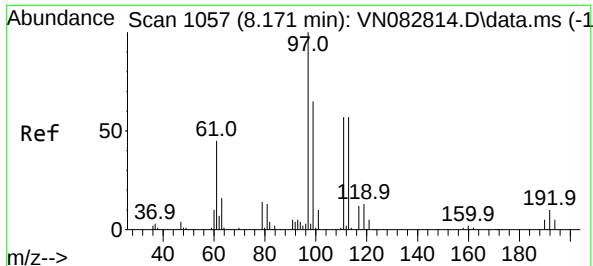
Reviewed By :John Carlone 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

Tgt Ion:114 Resp: 332416
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.6
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.065 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083062.D

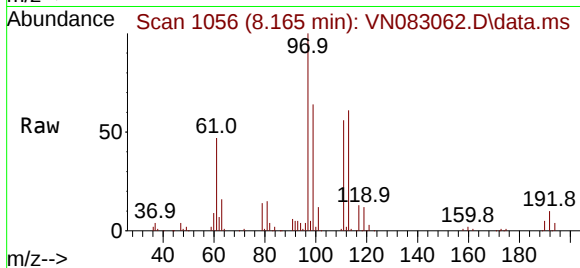
Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



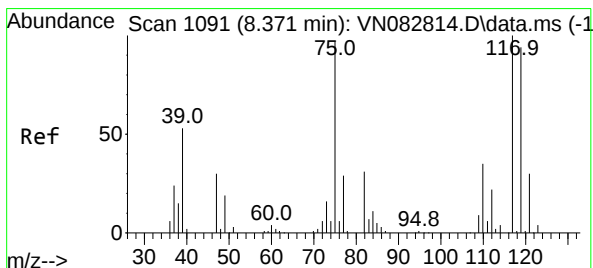
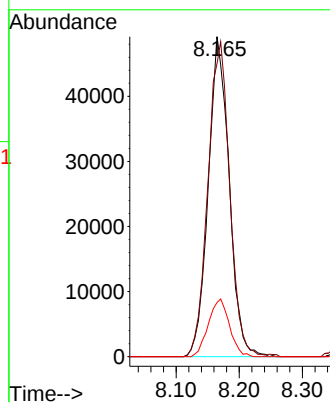
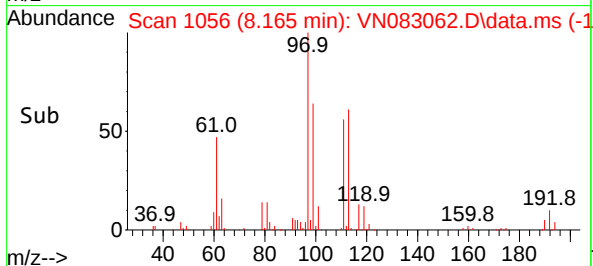
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	18.1	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#36

1,1-Dichloropropene

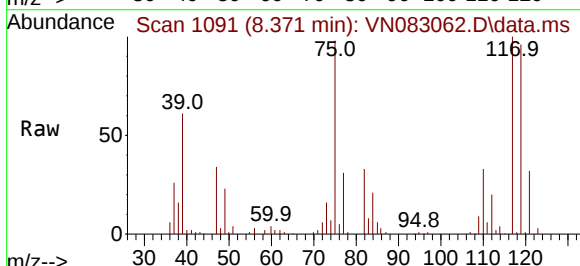
Concen: 50.549 ug/l

RT: 8.371 min Scan# 1091

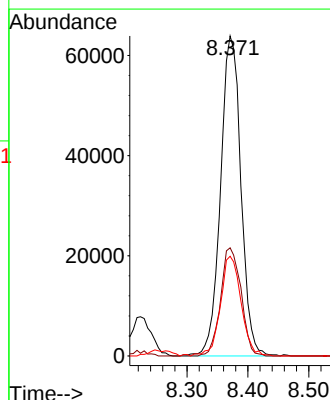
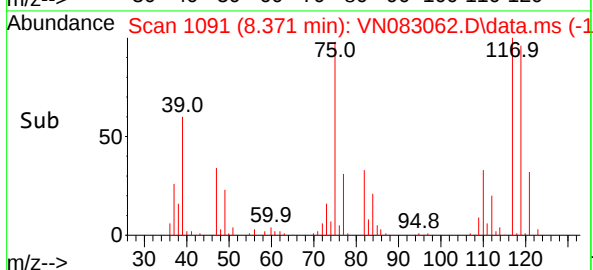
Delta R.T. -0.000 min

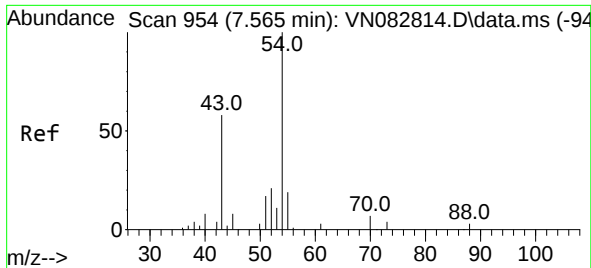
Lab File: VN083062.D

Acq: 30 Jul 2024 12:25



Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.3	48.9
77	31.5	24.6	37.0





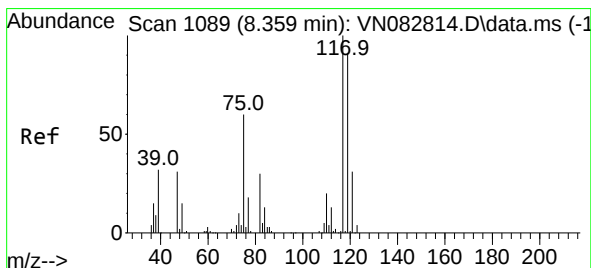
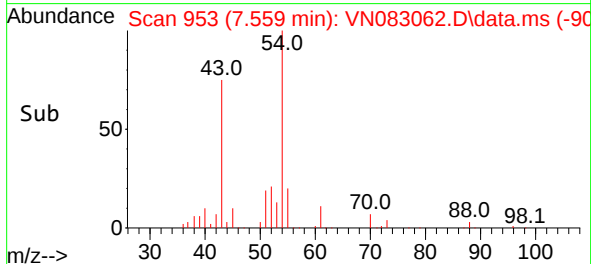
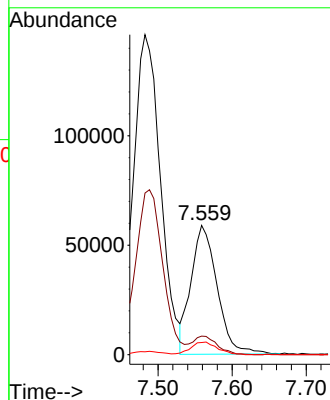
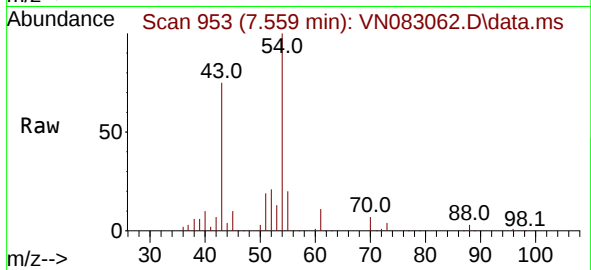
#37
Ethyl Acetate
Concen: 48.150 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 14416
Ion Ratio Lower Upper
43 100
61 13.0 9.3 13.9
70 10.0 7.0 10.6

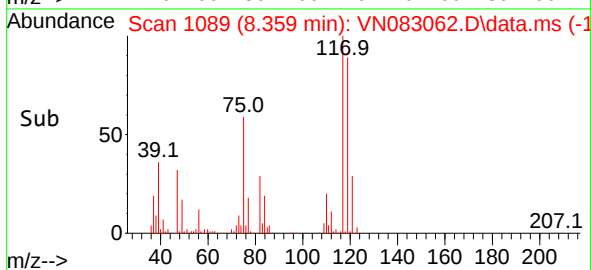
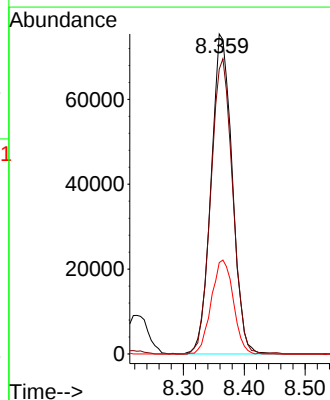
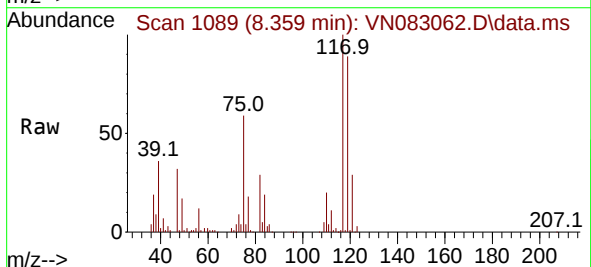
Manual Integrations
APPROVED

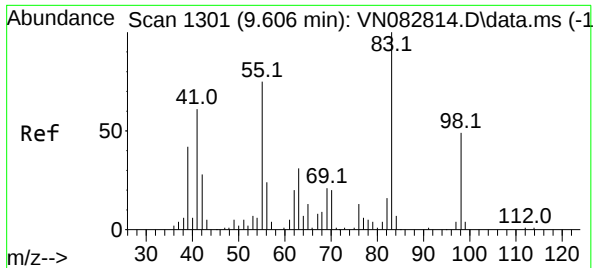
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#38
Carbon Tetrachloride
Concen: 51.258 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion:117 Resp: 181500
Ion Ratio Lower Upper
117 100
119 89.0 74.9 112.3
121 28.5 24.3 36.5





#39

Methylcyclohexane

Concen: 44.697 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 141989

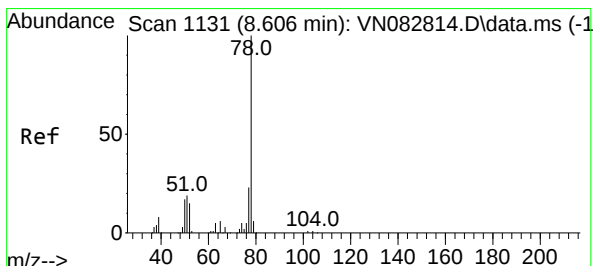
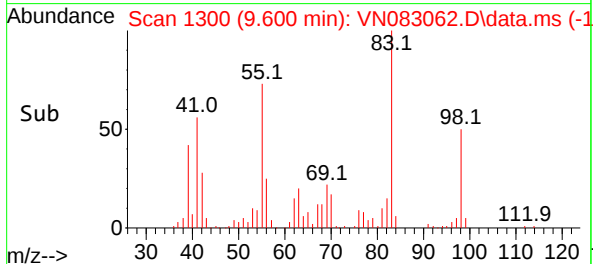
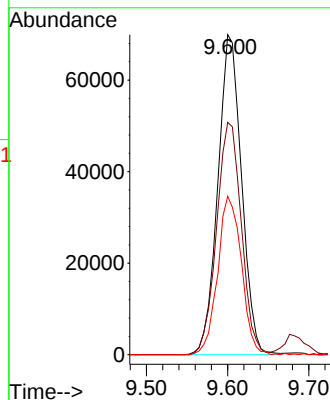
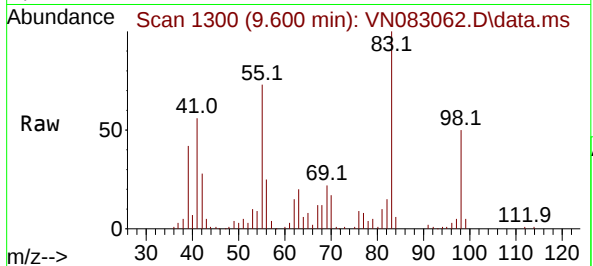
Ion	Ratio	Lower	Upper
83	100		
55	72.6	66.4	99.6
98	49.5	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#40

Benzene

Concen: 52.124 ug/l

RT: 8.606 min Scan# 1131

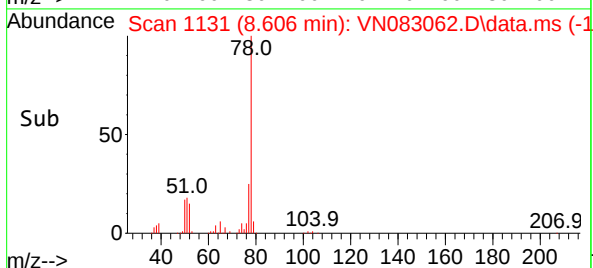
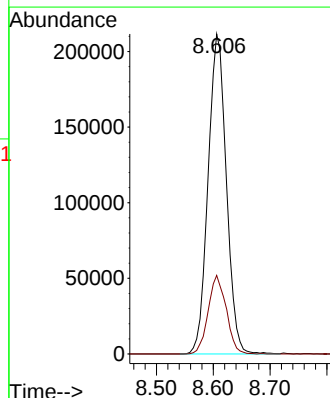
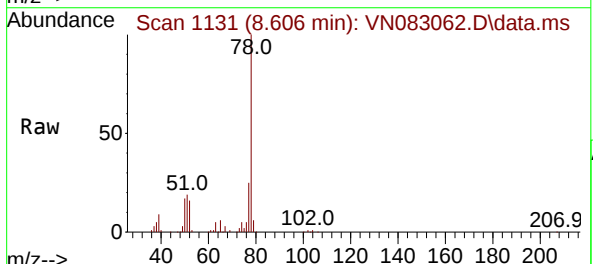
Delta R.T. -0.000 min

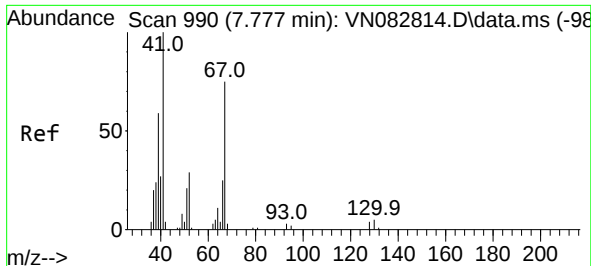
Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Tgt Ion: 78 Resp: 471524

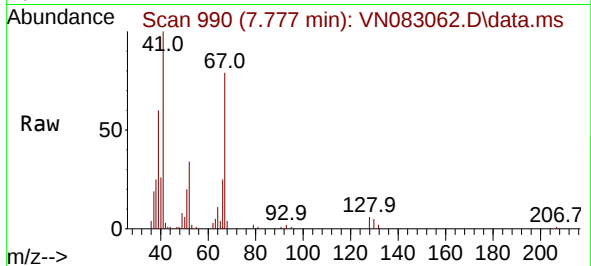
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4





#41
Methacrylonitrile
Concen: 50.615 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.005 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

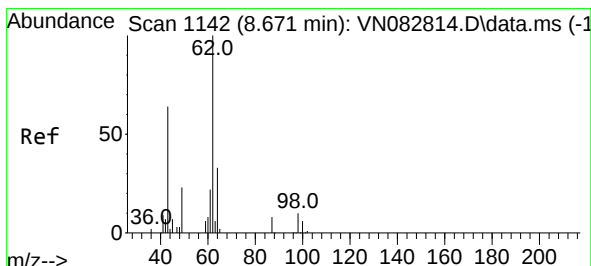
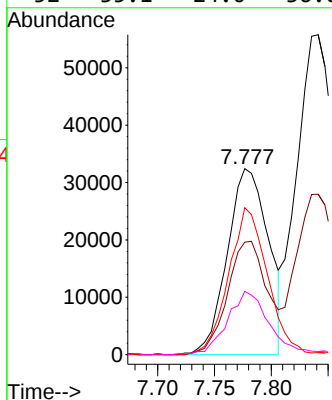
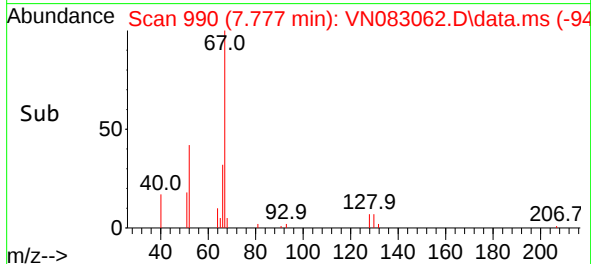
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



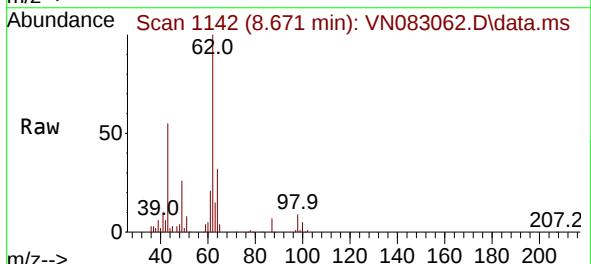
Tgt Ion: 41 Resp: 81644
Ion Ratio Lower Upper
41 100
39 58.8 45.5 68.3
67 74.6 50.5 75.7
52 35.1 24.0 36.0

Manual Integrations
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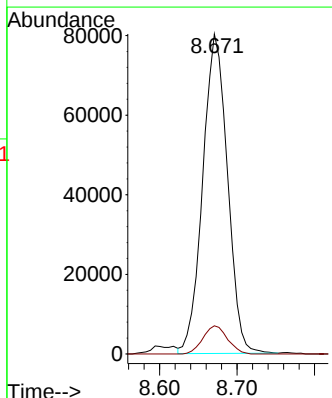
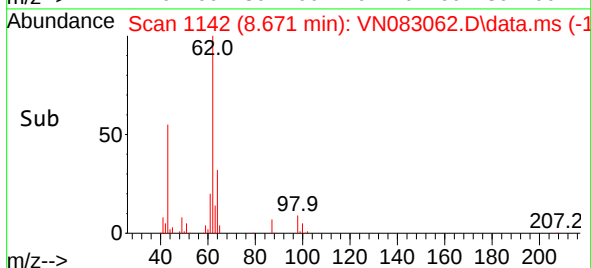
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

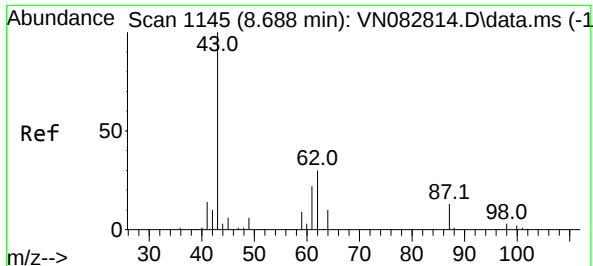


#42
1,2-Dichloroethane
Concen: 54.731 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



Tgt Ion: 62 Resp: 178238
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.8





#43

Isopropyl Acetate

Concen: 45.770 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 25981

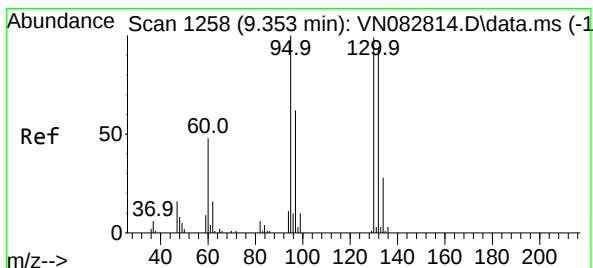
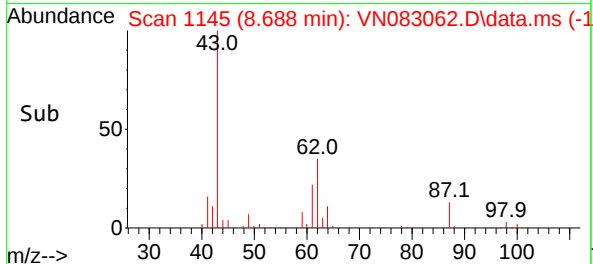
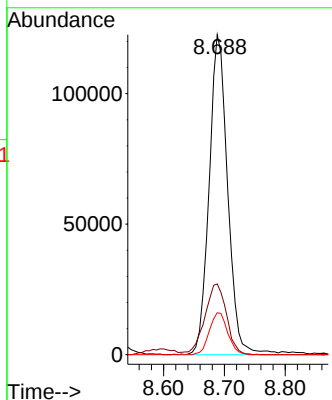
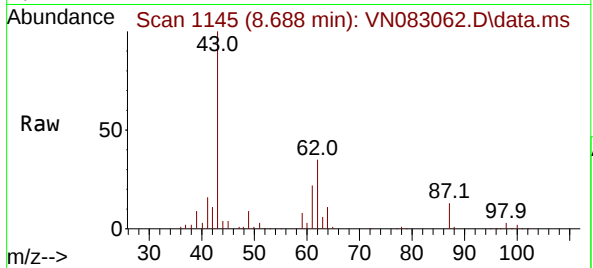
Ion	Ratio	Lower	Upper
43	100		
61	25.9	17.8	26.6
87	12.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#44

Trichloroethene

Concen: 47.918 ug/l

RT: 9.353 min Scan# 1258

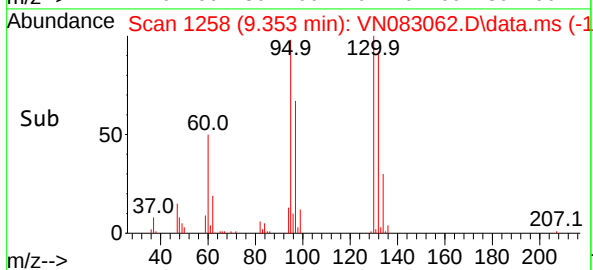
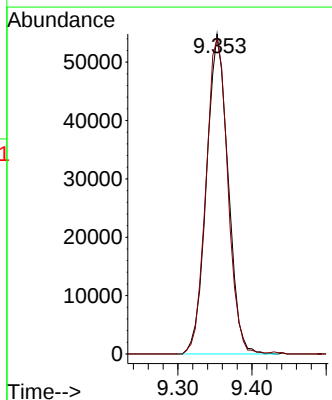
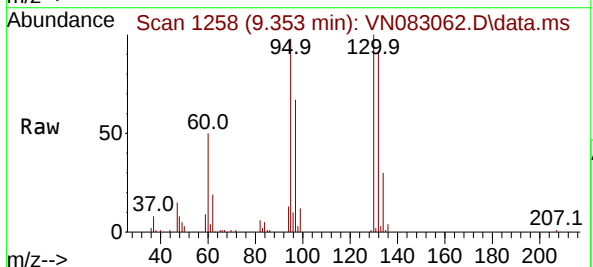
Delta R.T. -0.000 min

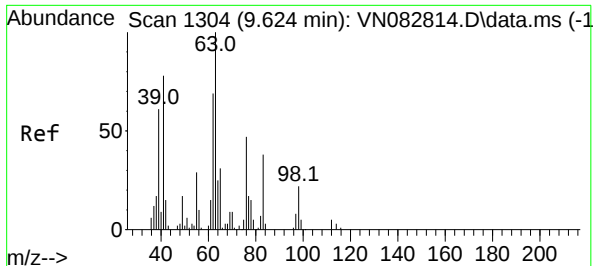
Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Tgt Ion:130 Resp: 111056

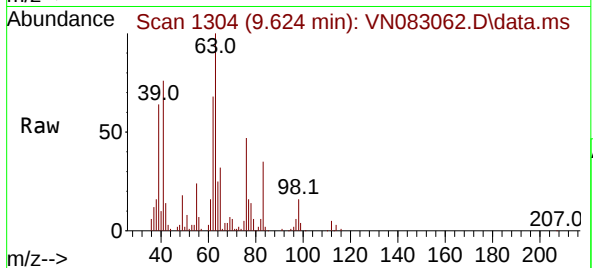
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	197.8





#45
1,2-Dichloropropane
Concen: 57.731 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

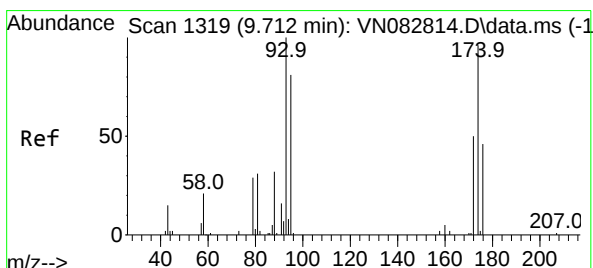
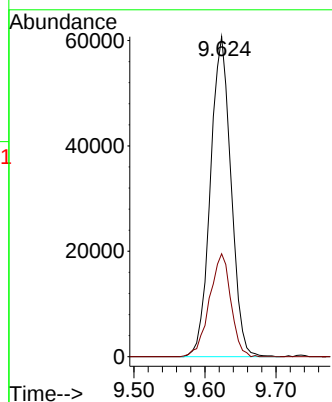
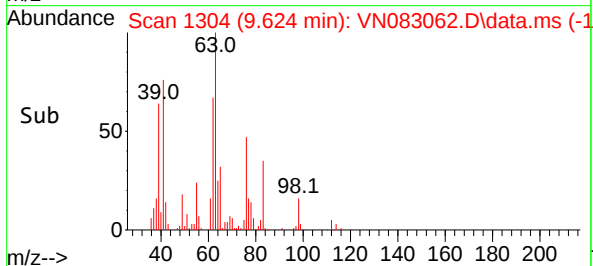
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 121920
Ion Ratio Lower Upper
63 100
65 32.2 24.4 36.6

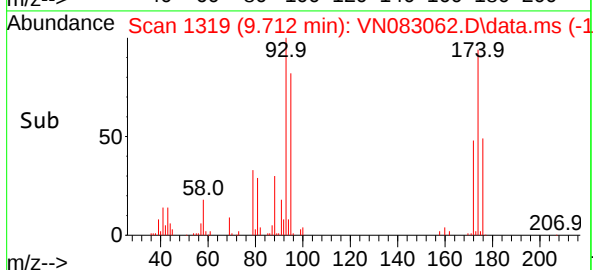
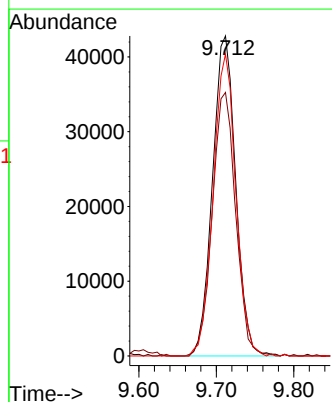
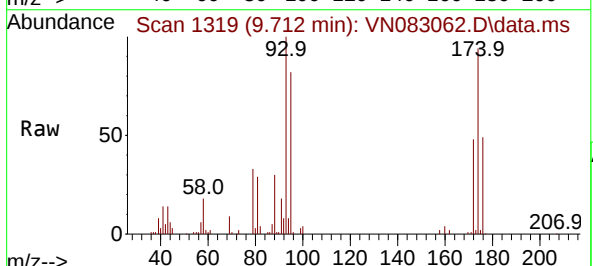
Manual Integrations
APPROVED

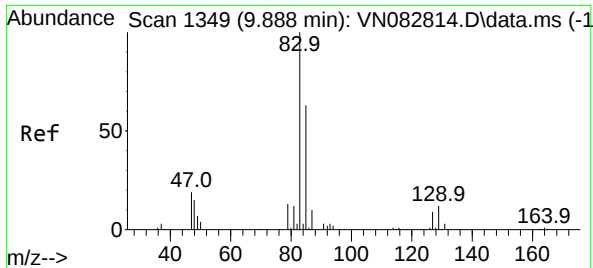
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#46
Dibromomethane
Concen: 54.044 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion: 93 Resp: 88920
Ion Ratio Lower Upper
93 100
95 83.4 65.8 98.6
174 92.5 71.7 107.5





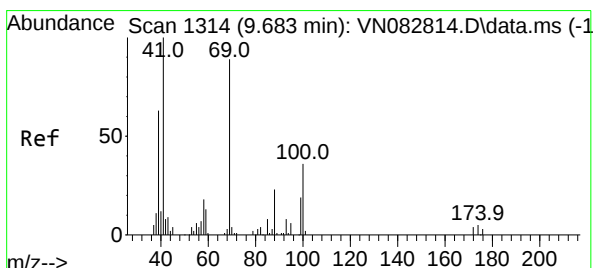
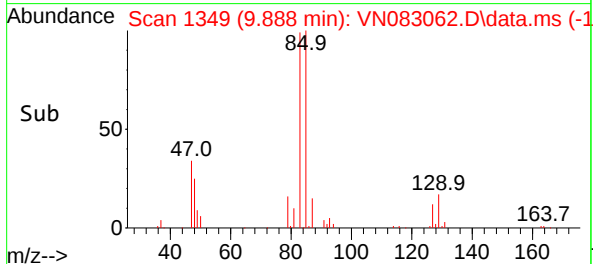
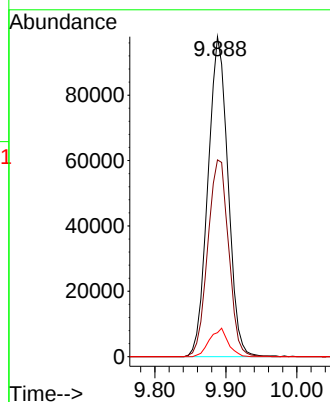
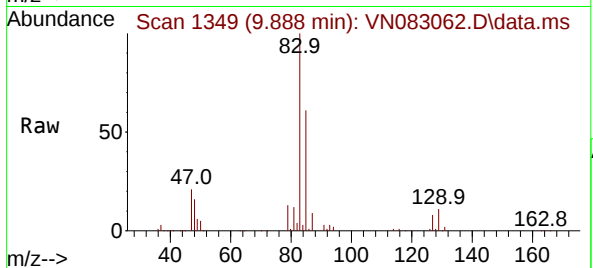
#47
Bromodichloromethane
Concen: 56.437 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 191860
Ion Ratio Lower Upper
83 100
85 61.5 51.1 76.7
127 7.5 7.2 10.8

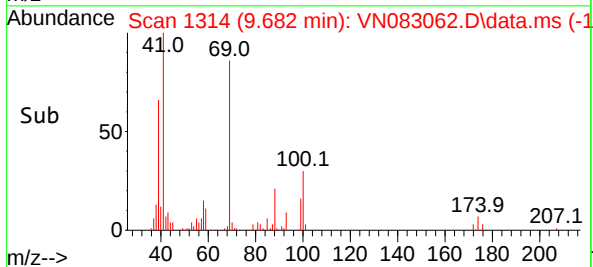
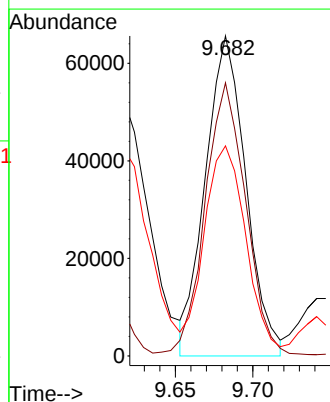
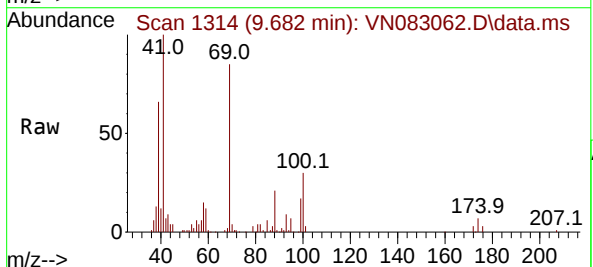
Manual Integrations
APPROVED

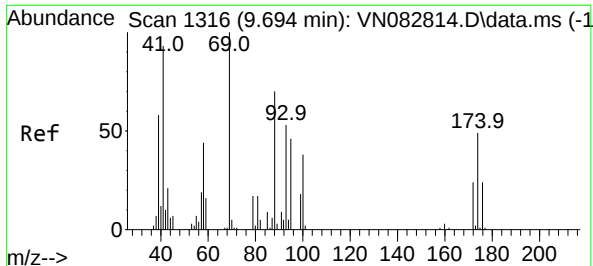
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#48
Methyl methacrylate
Concen: 50.726 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion: 41 Resp: 119089
Ion Ratio Lower Upper
41 100
69 86.4 56.3 84.5#
39 68.4 50.3 75.5





#49

1,4-Dioxane

Concen: 930.226 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

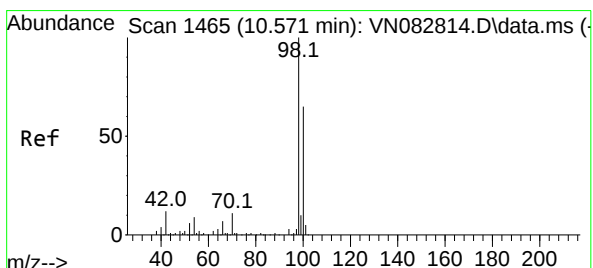
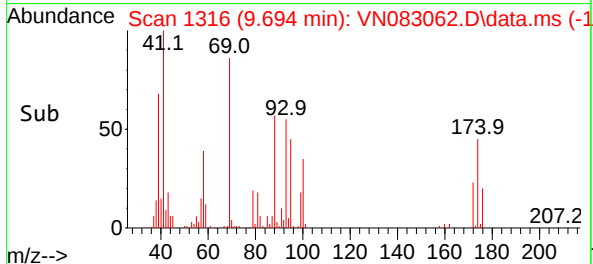
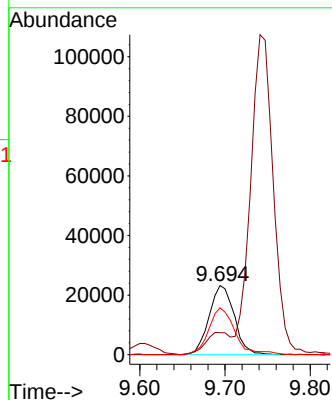
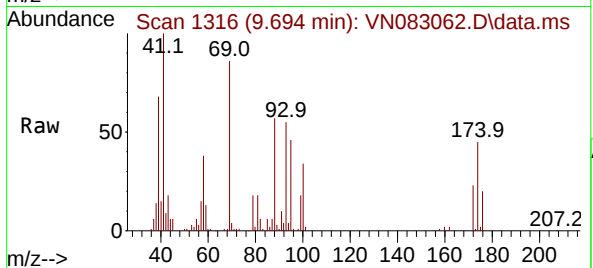
Tgt Ion: 88 Resp: 47583
 Ion Ratio Lower Upper
 88 100
 43 30.9 27.8 41.8
 58 70.7 59.4 89.0

Manual Integrations

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Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#50

Toluene-d8

Concen: 50.803 ug/l

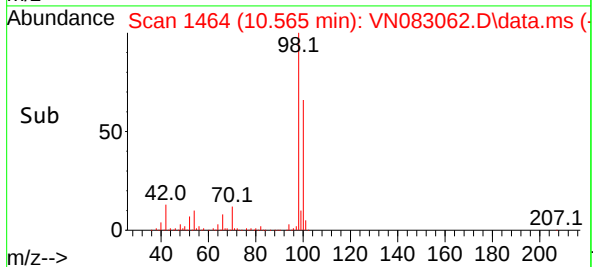
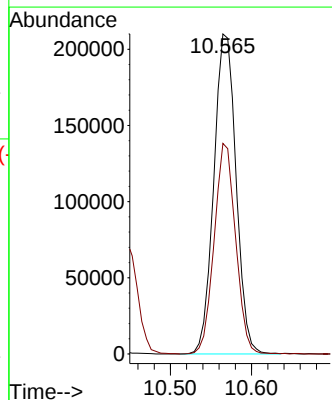
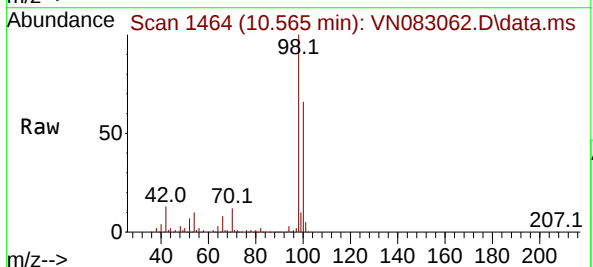
RT: 10.565 min Scan# 1464

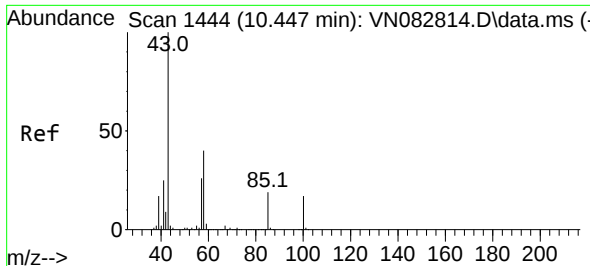
Delta R.T. -0.005 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Tgt Ion: 98 Resp: 400241
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.5 77.3





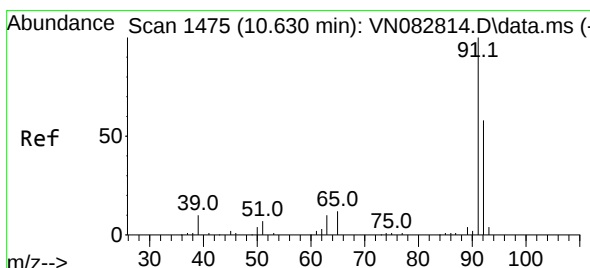
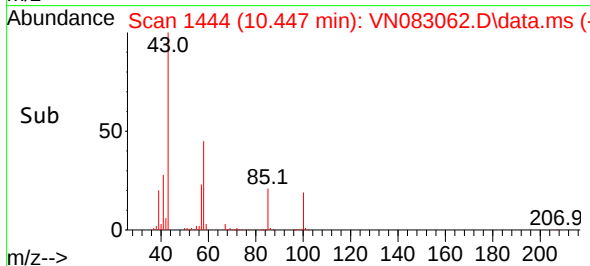
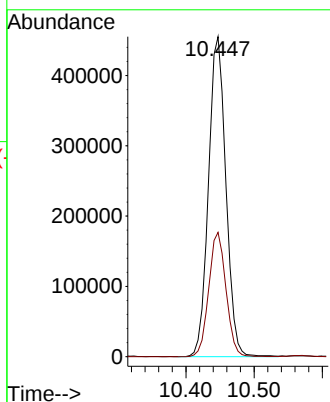
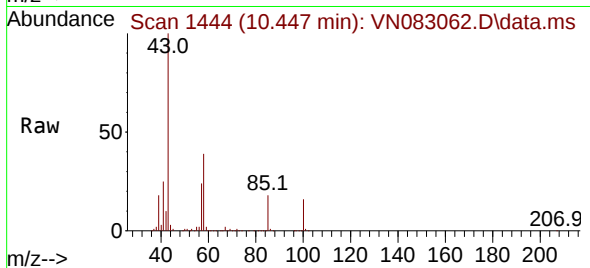
#51
4-Methyl-2-Pentanone
Concen: 272.702 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 809458
Ion Ratio Lower Upper
43 100
58 38.5 28.2 42.4

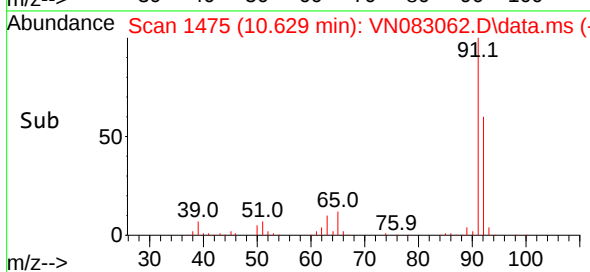
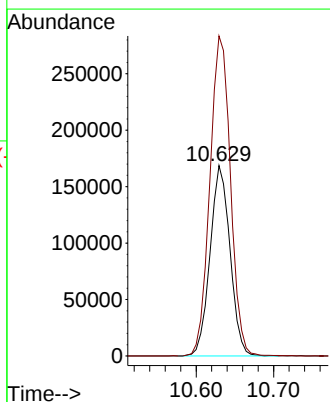
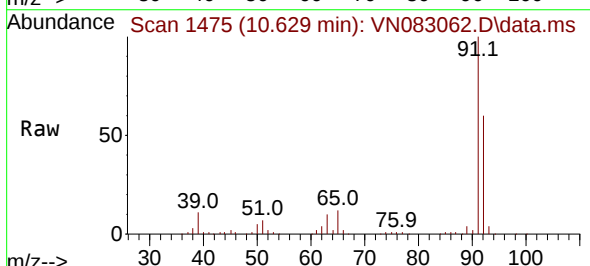
Manual Integrations
APPROVED

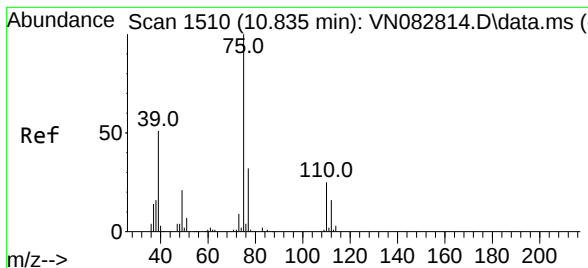
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#52
Toluene
Concen: 53.394 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion: 92 Resp: 301725
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0





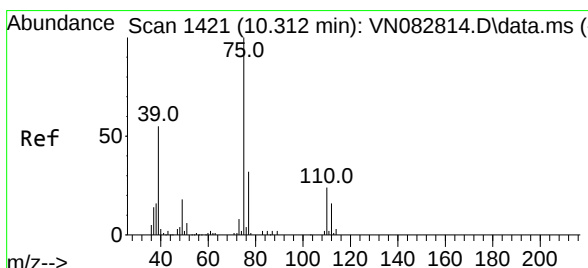
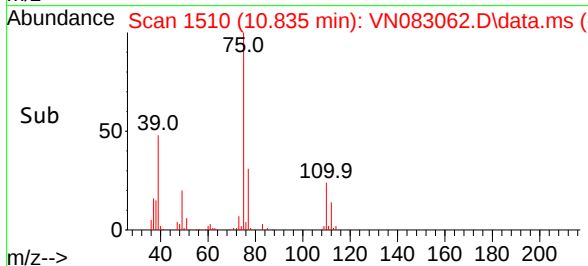
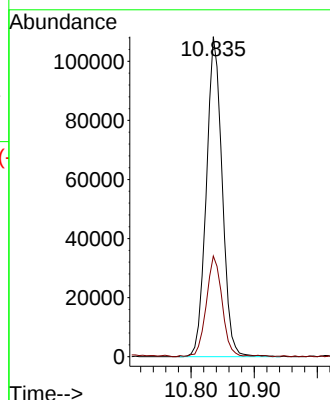
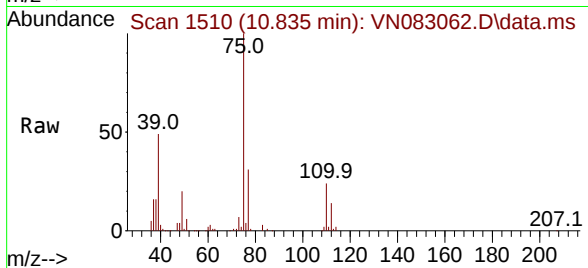
#53
t-1,3-Dichloropropene
Concen: 53.783 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 188359
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

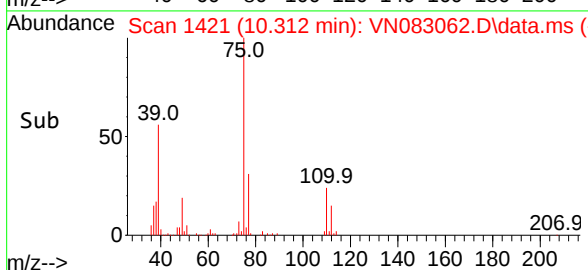
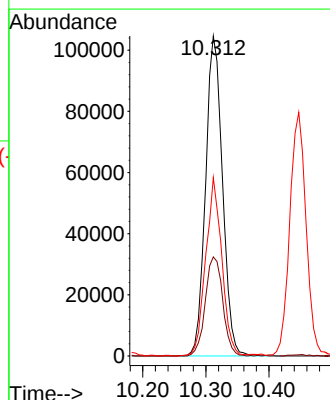
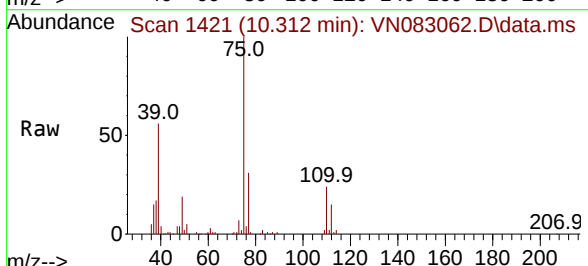
Manual Integrations
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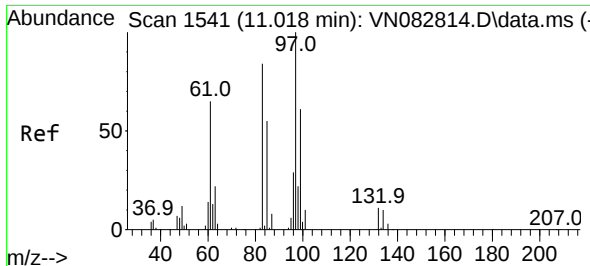
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#54
cis-1,3-Dichloropropene
Concen: 52.683 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

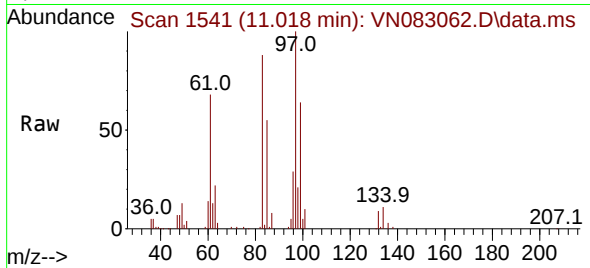
Tgt Ion: 75 Resp: 195300
Ion Ratio Lower Upper
75 100
77 30.9 24.3 36.5
39 55.7 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 58.256 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

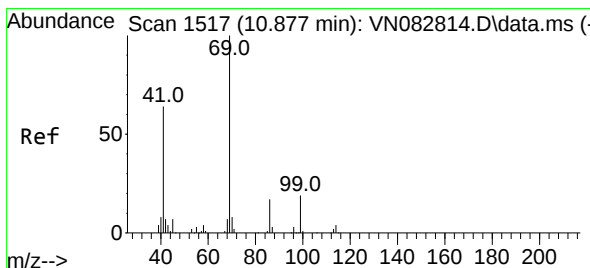
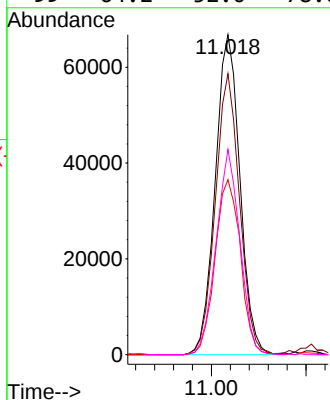
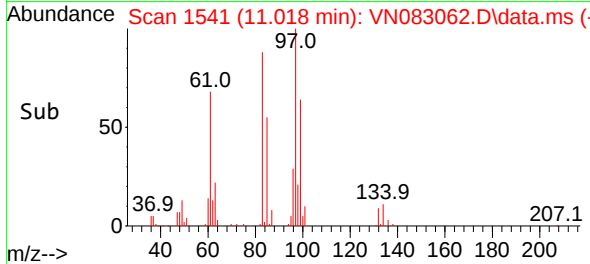
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 12105
Ion Ratio Lower Upper
97 100
83 87.8 71.4 107.0
85 54.7 45.8 68.6
99 64.2 52.0 78.0

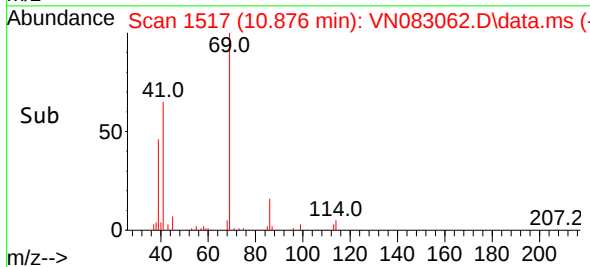
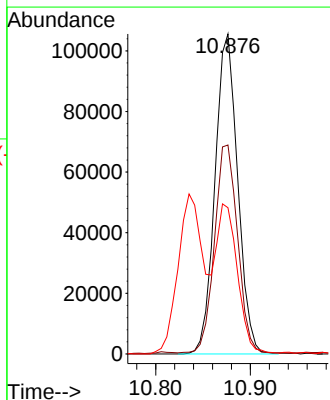
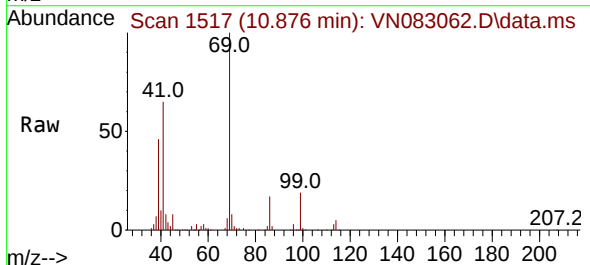
Manual Integrations
APPROVED

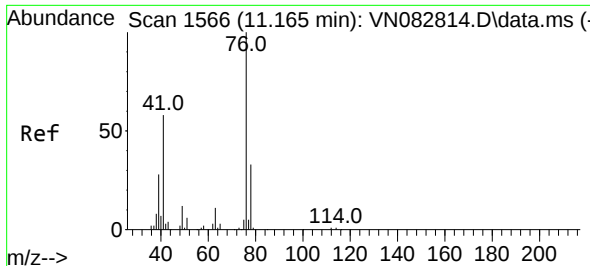
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#56
Ethyl methacrylate
Concen: 54.411 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion: 69 Resp: 175904
Ion Ratio Lower Upper
69 100
41 66.5 63.4 95.2
39 42.5 37.4 56.0





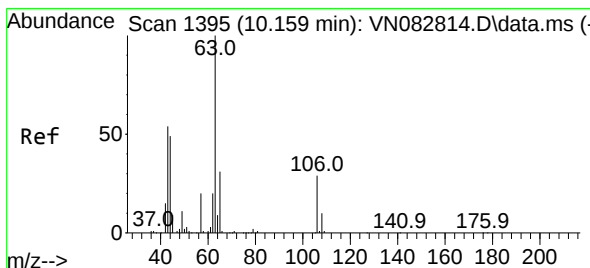
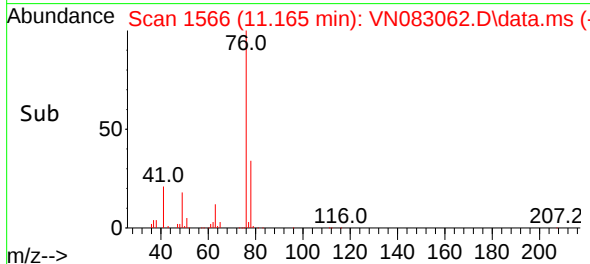
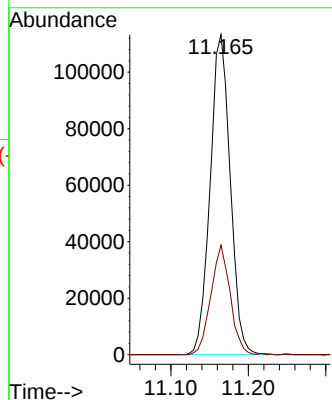
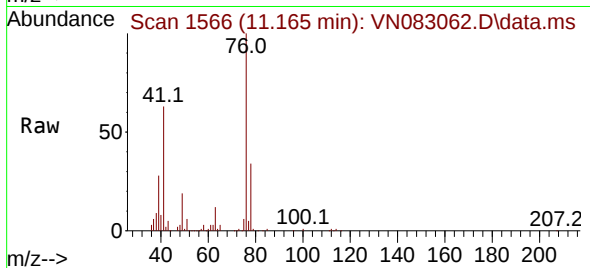
#57
1,3-Dichloropropane
Concen: 55.531 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 204250
Ion Ratio Lower Upper
76 100
78 32.8 25.6 38.4

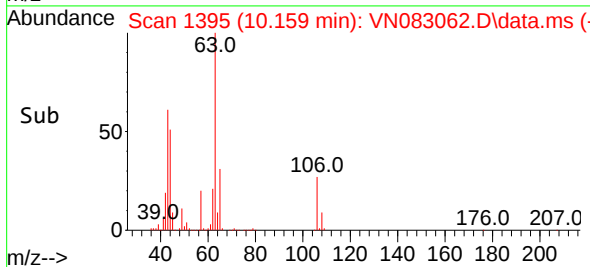
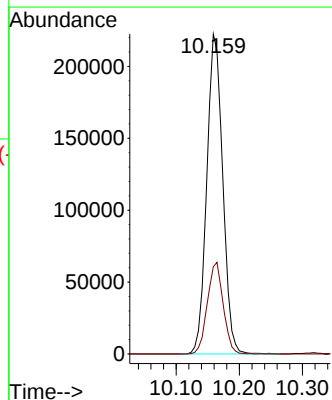
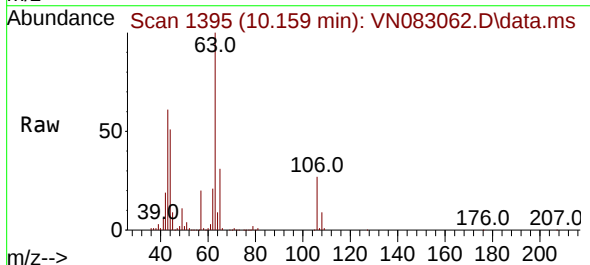
Manual Integrations
APPROVED

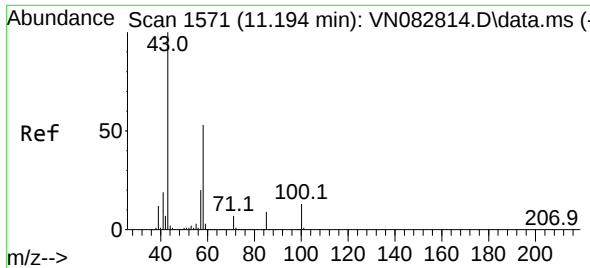
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#58
2-Chloroethyl Vinyl ether
Concen: 235.821 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

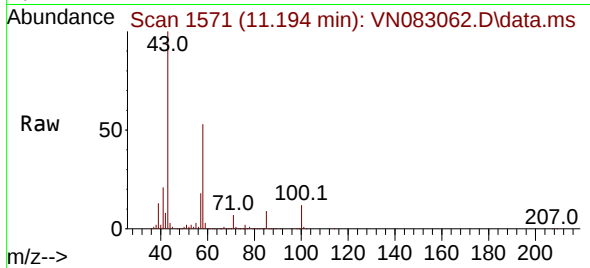
Tgt Ion: 63 Resp: 391199
Ion Ratio Lower Upper
63 100
106 28.4 21.4 32.0





#59
2-Hexanone
Concen: 278.533 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

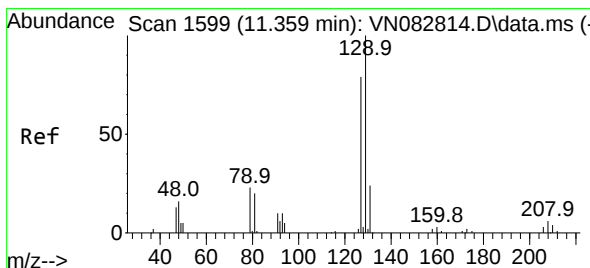
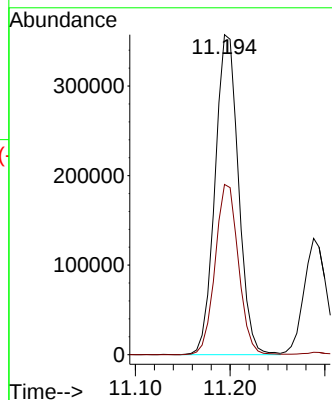
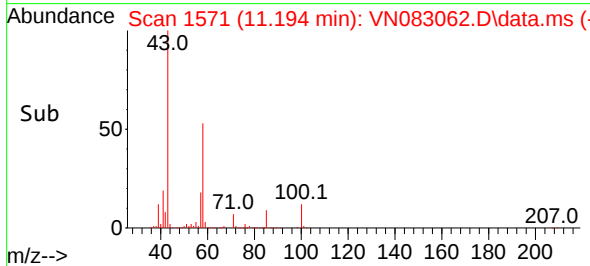
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 614680
Ion Ratio Lower Upper
43 100
58 52.8 24.6 73.8

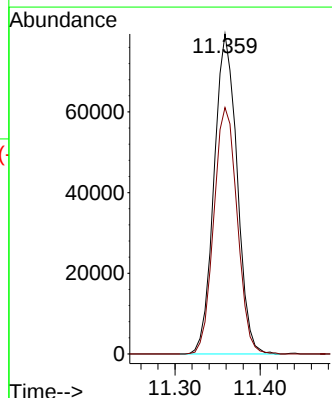
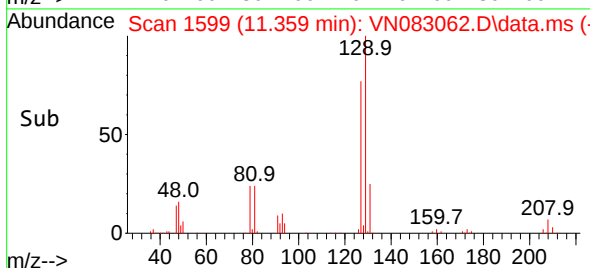
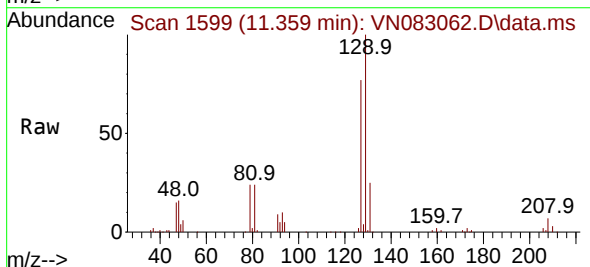
Manual Integrations
APPROVED

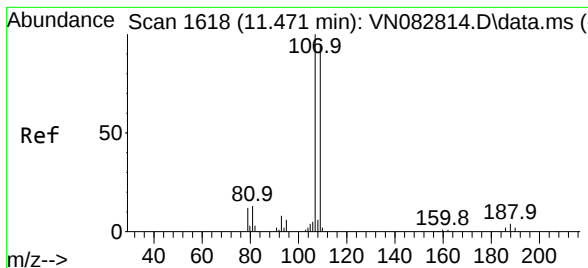
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#60
Dibromochloromethane
Concen: 56.193 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

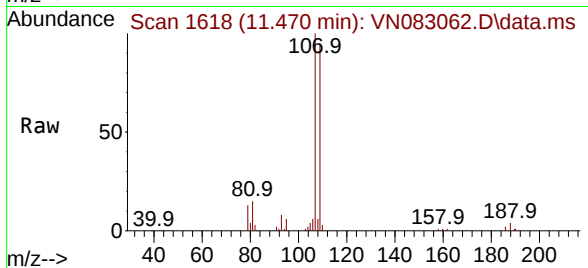
Tgt Ion:129 Resp: 148722
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 53.673 ug/l
RT: 11.470 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

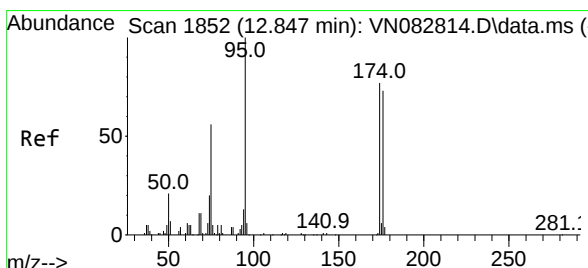
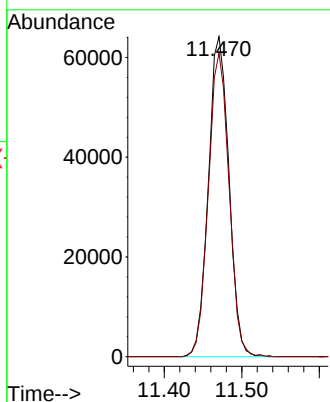
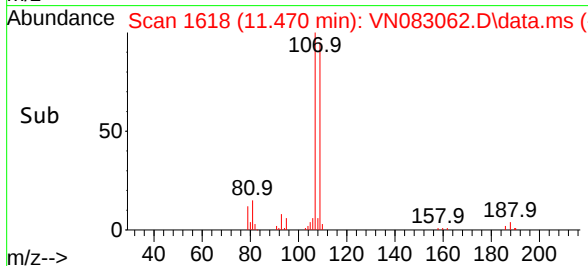
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



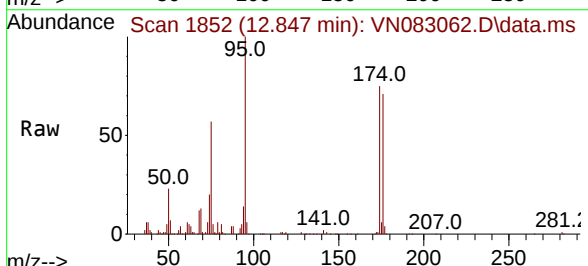
Tgt Ion:107 Resp: 11844
Ion Ratio Lower Upper
107 100
109 95.2 73.7 110.5

Manual Integrations
APPROVED

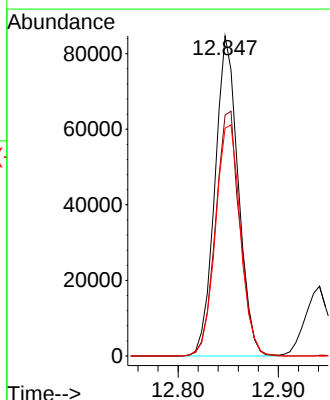
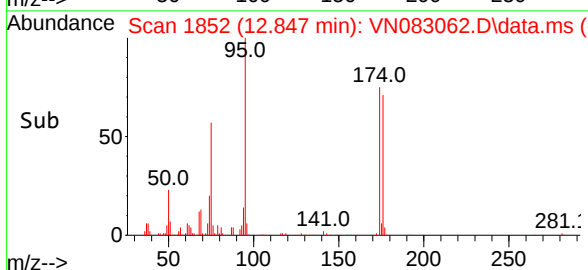
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

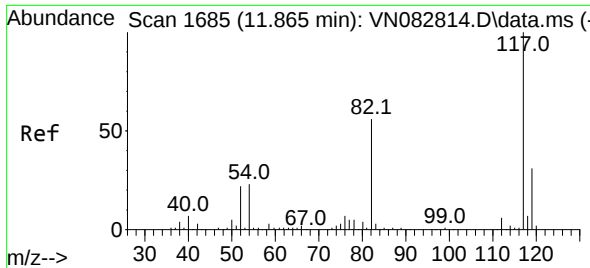


#62
4-Bromofluorobenzene
Concen: 48.222 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



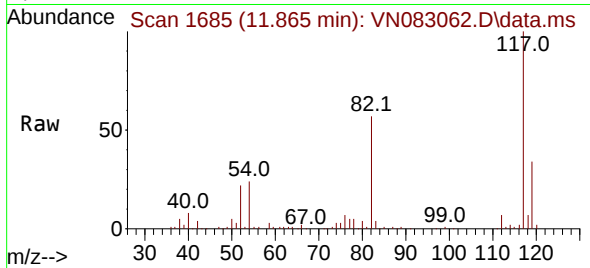
Tgt Ion: 95 Resp: 136467
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.2
176 77.3 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

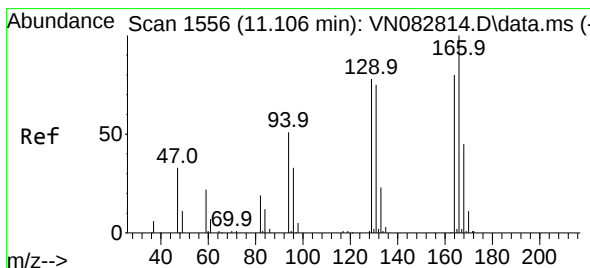
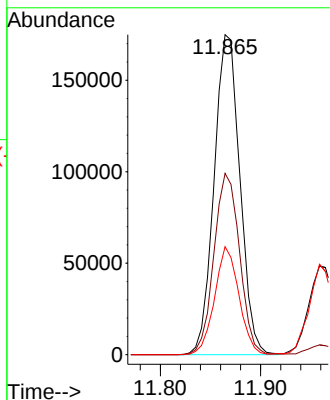
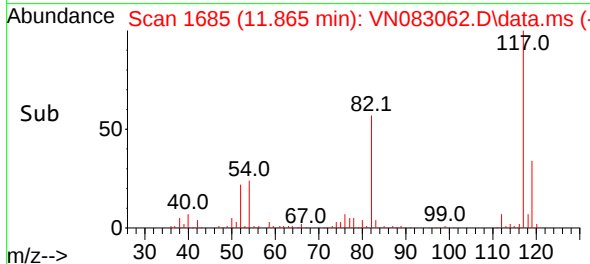
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 312794
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 33.7 25.6 38.4

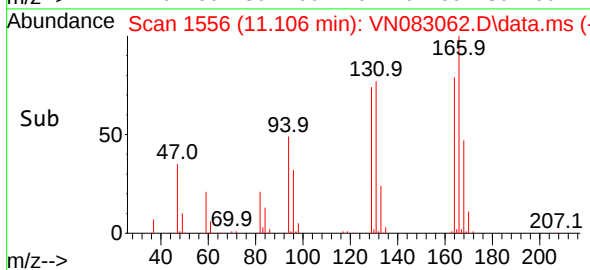
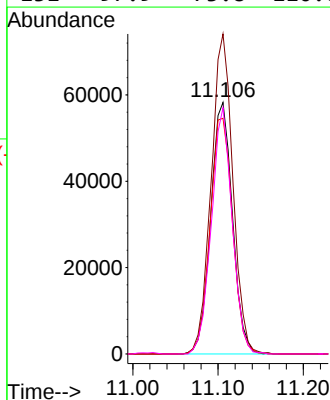
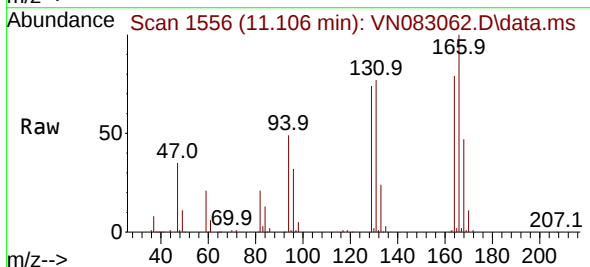
Manual Integrations
APPROVED

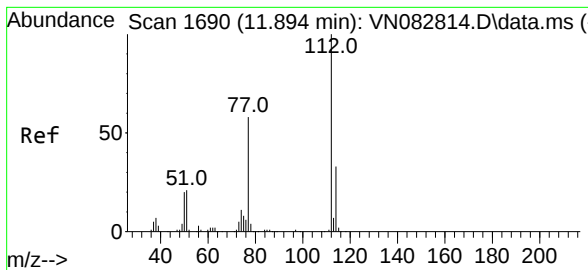
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#64
Tetrachloroethene
Concen: 44.332 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

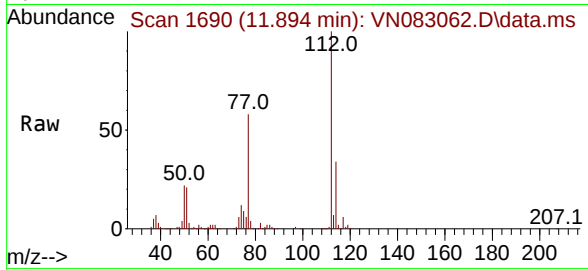
Tgt Ion:164 Resp: 103457
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 93.7 75.7 113.5
131 97.9 73.8 110.6





#65
Chlorobenzene
Concen: 50.358 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

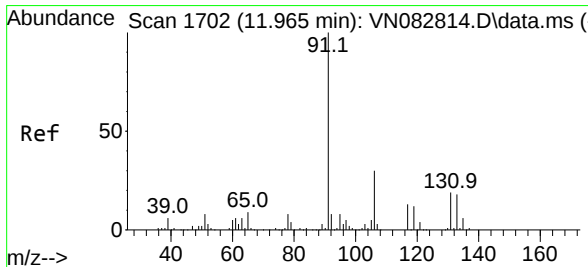
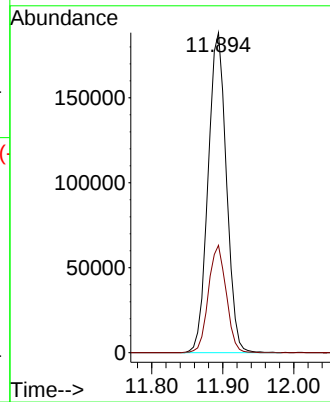
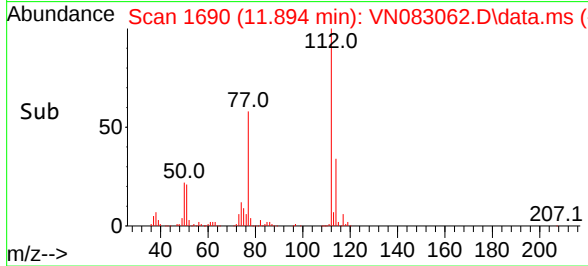
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 337536
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.2

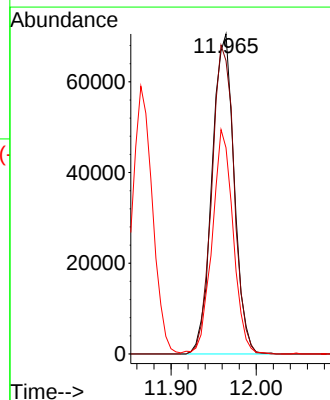
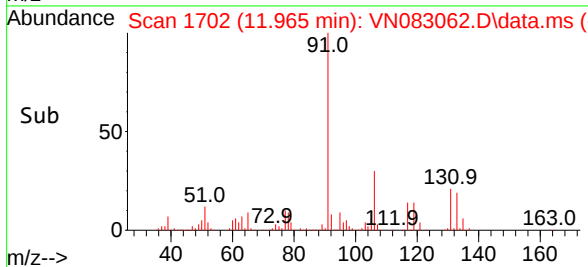
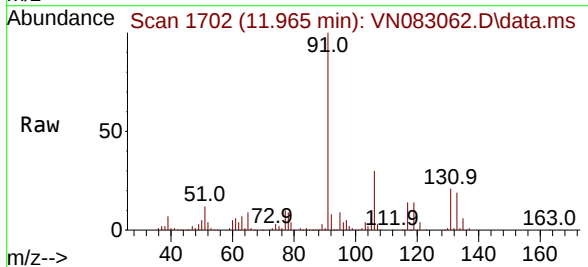
Manual Integrations
APPROVED

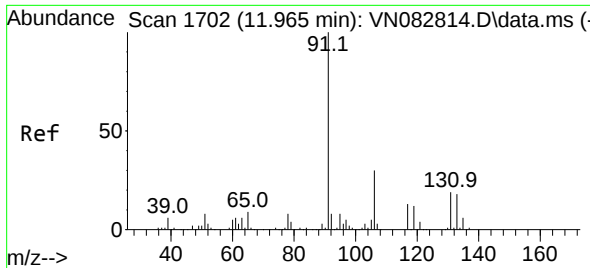
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.299 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion:131 Resp: 127071
Ion Ratio Lower Upper
131 100
133 97.5 47.3 142.0
119 66.5 32.5 97.4





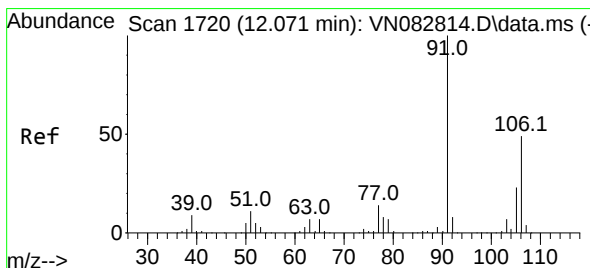
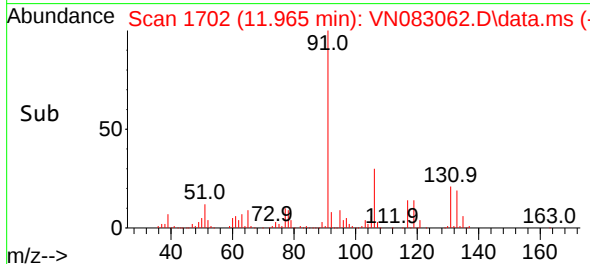
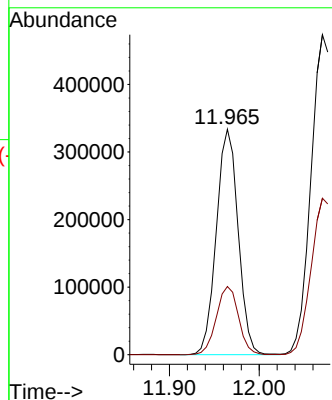
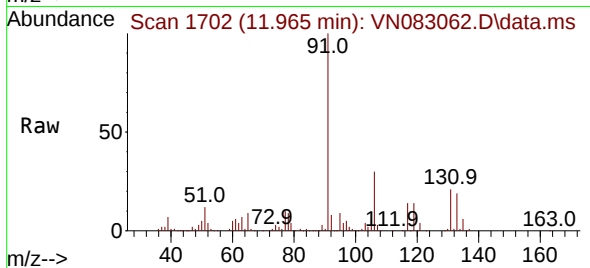
#67
Ethyl Benzene
Concen: 49.931 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 562480
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0

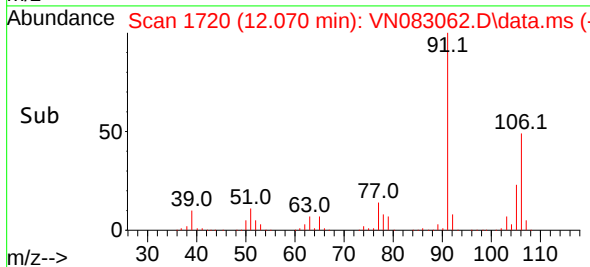
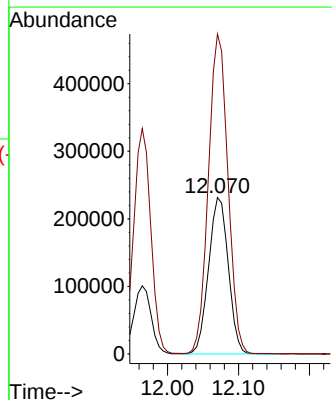
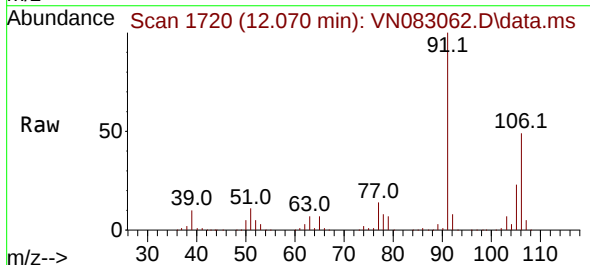
Manual Integrations
APPROVED

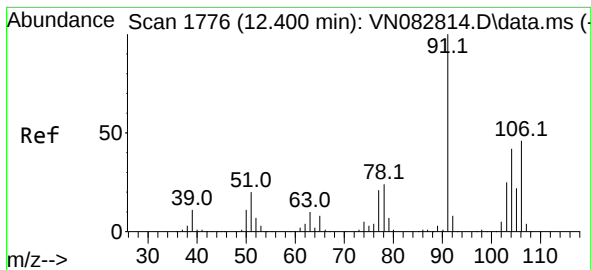
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#68
m/p-Xylenes
Concen: 105.130 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion:106 Resp: 447122
Ion Ratio Lower Upper
106 100
91 202.4 166.1 249.1





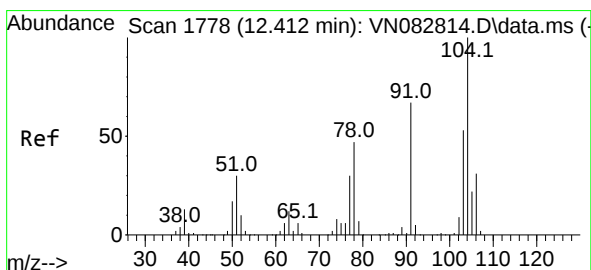
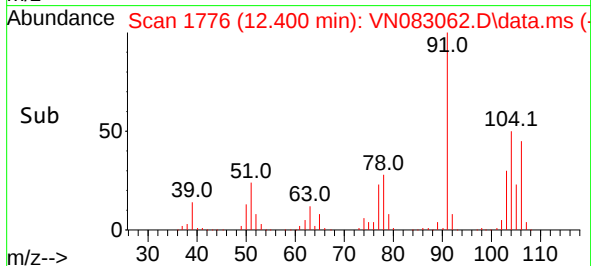
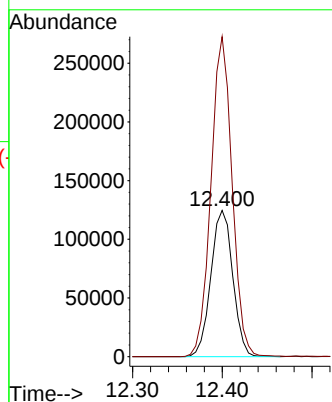
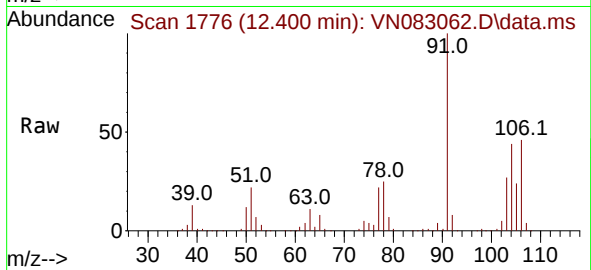
#69
o-Xylene
Concen: 51.853 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 211309
Ion Ratio Lower Upper
106 100
91 211.3 111.3 333.9

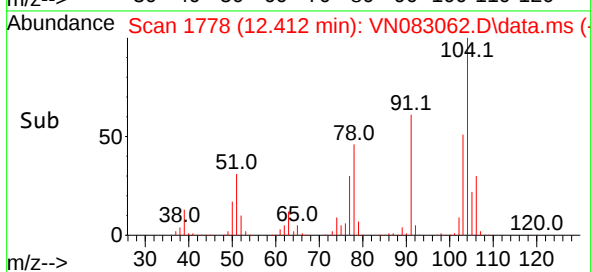
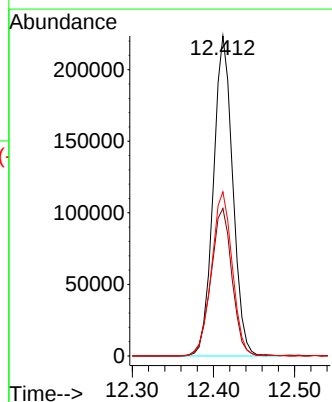
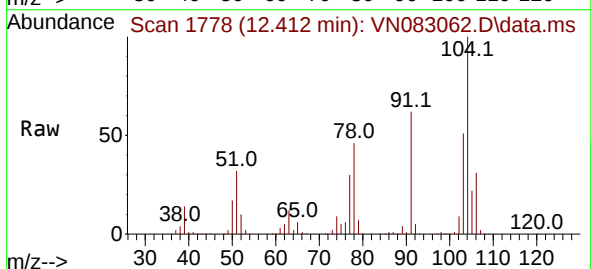
Manual Integrations
APPROVED

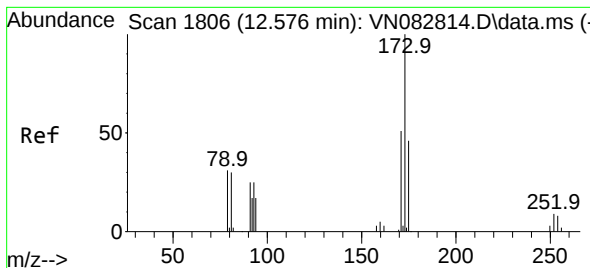
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#70
Styrene
Concen: 55.191 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion:104 Resp: 371622
Ion Ratio Lower Upper
104 100
78 50.2 41.6 62.4
103 54.7 44.0 66.0





#71

Bromoform

Concen: 52.726 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 98860

Ion Ratio Lower Upper

173 100

175 48.3 24.0 72.0

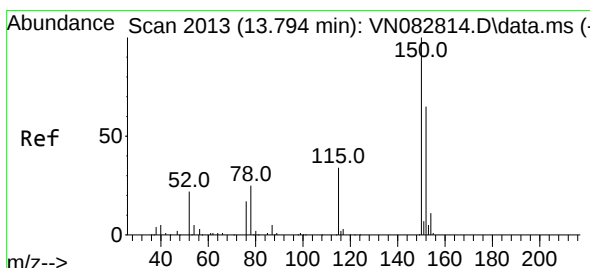
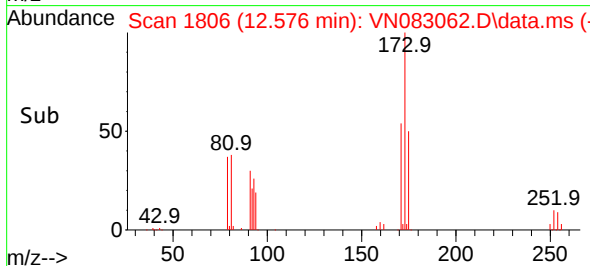
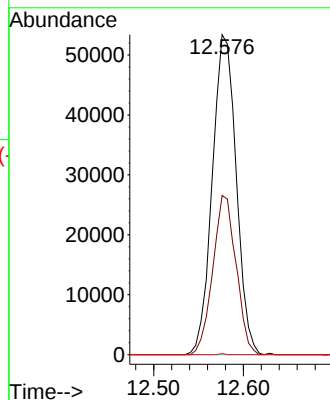
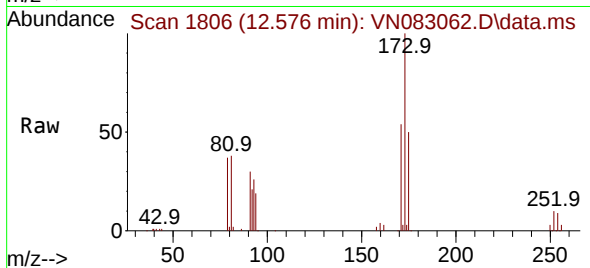
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

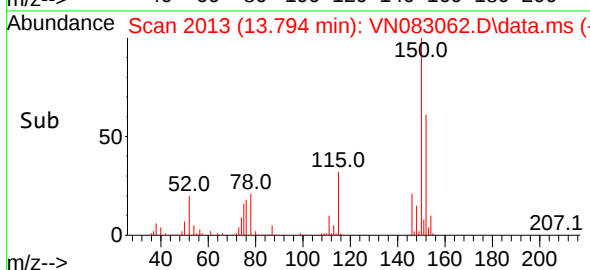
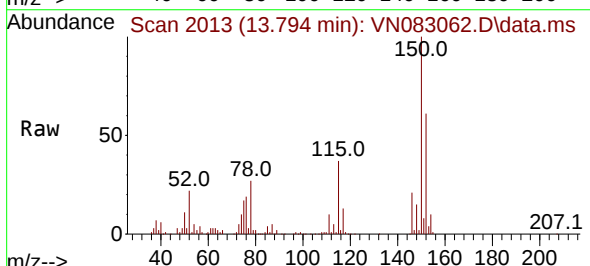
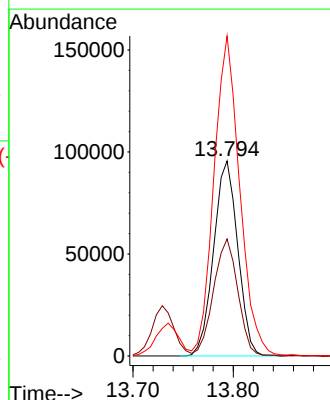
Tgt Ion:152 Resp: 159692

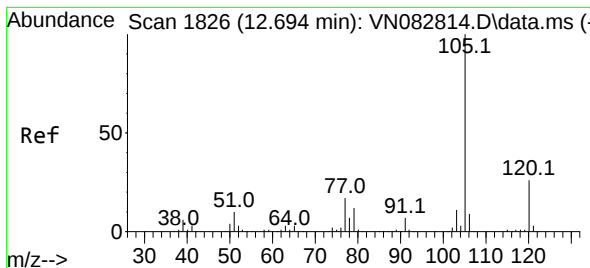
Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 175.3 0.0 348.6





#73

Isopropylbenzene

Concen: 46.781 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 54284

Ion Ratio Lower Upper

105 100

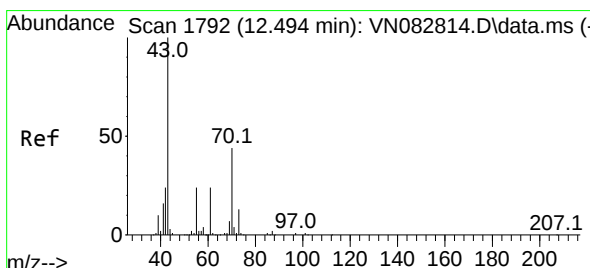
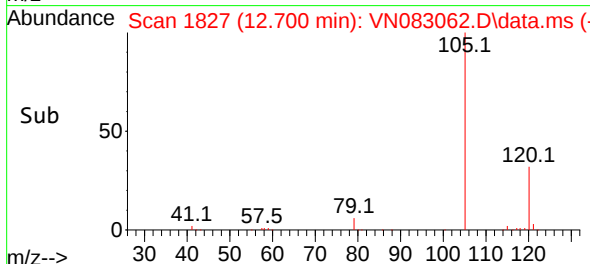
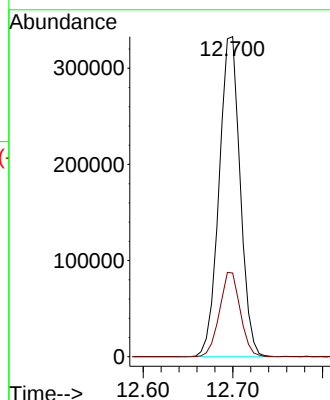
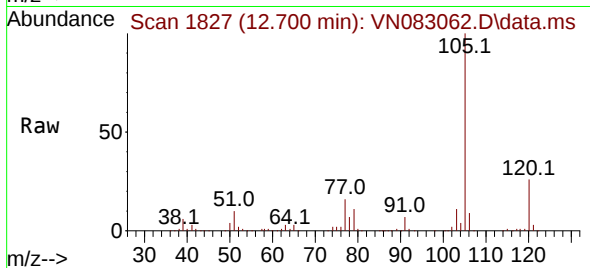
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#74

N-ethyl acetate

Concen: 45.203 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083062.D

Acq: 30 Jul 2024 12:25

Tgt Ion: 43 Resp: 216966

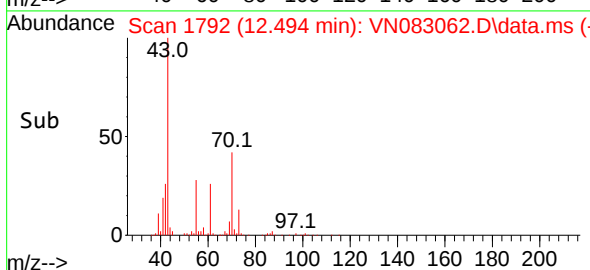
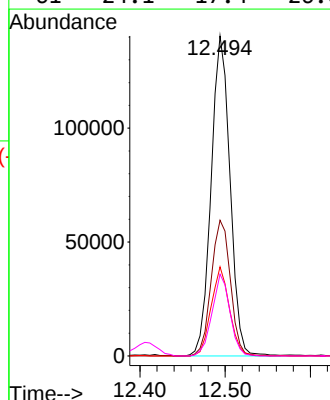
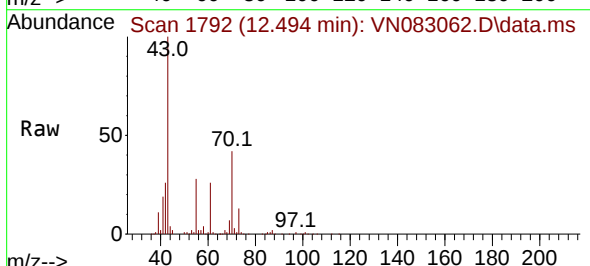
Ion Ratio Lower Upper

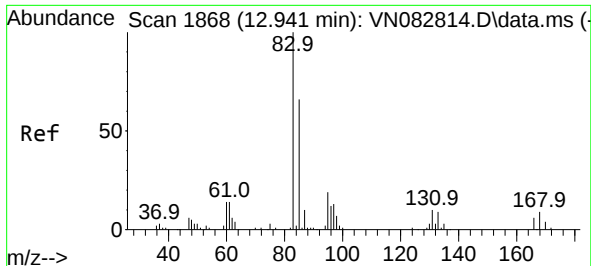
43 100

70 42.9 29.8 44.6

55 27.1 18.7 28.1

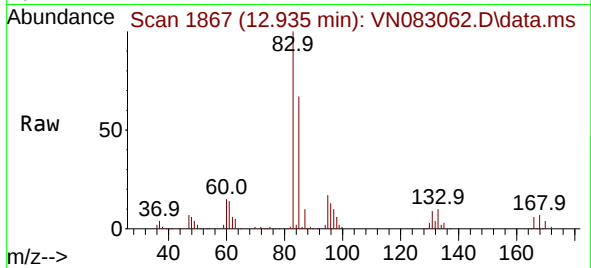
61 24.1 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 50.393 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

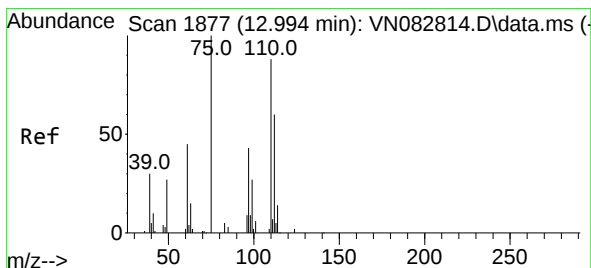
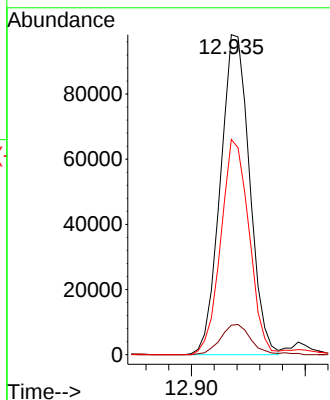
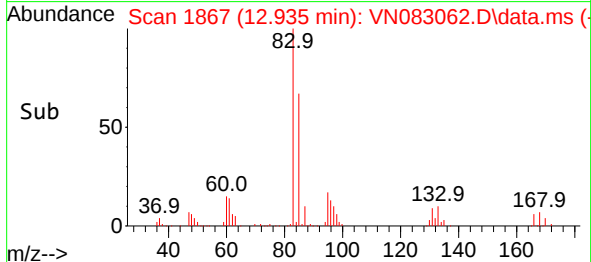
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 175130
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.2 31.9 95.7

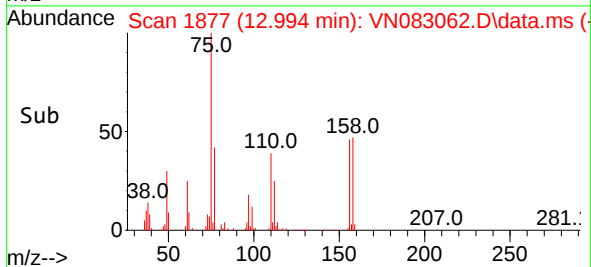
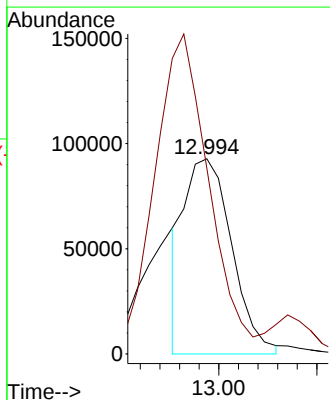
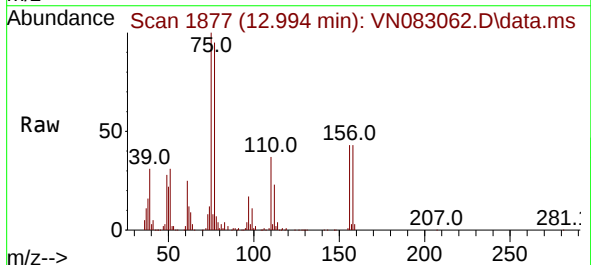
Manual Integrations
APPROVED

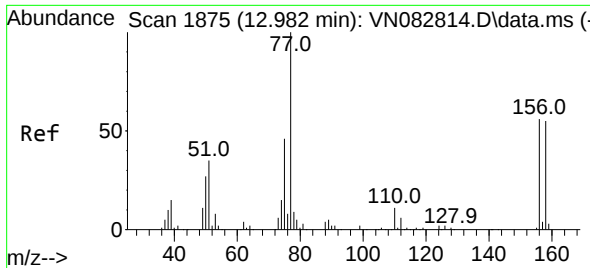
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#76
1,2,3-Trichloropropane
Concen: 56.921 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

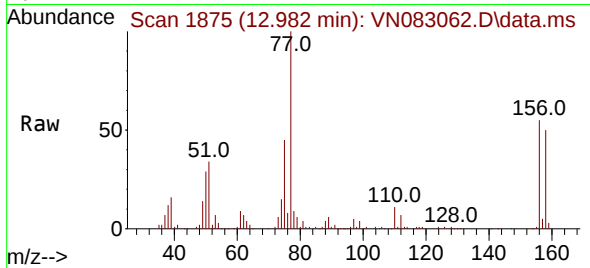
Tgt Ion: 75 Resp: 156715
Ion Ratio Lower Upper
75 100
77 186.2 110.9 332.6





#77
Bromobenzene
Concen: 46.506 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

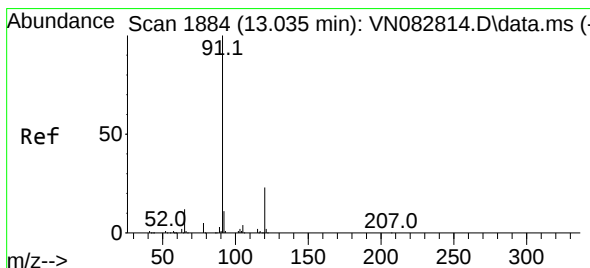
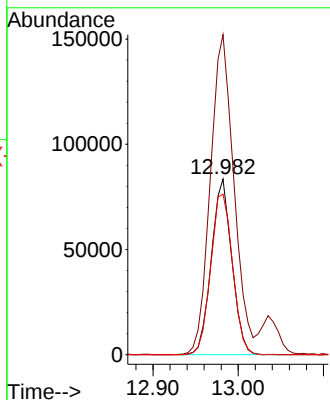
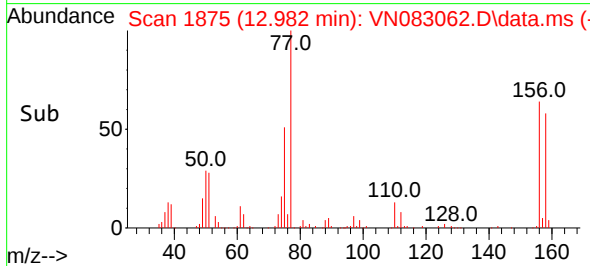
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



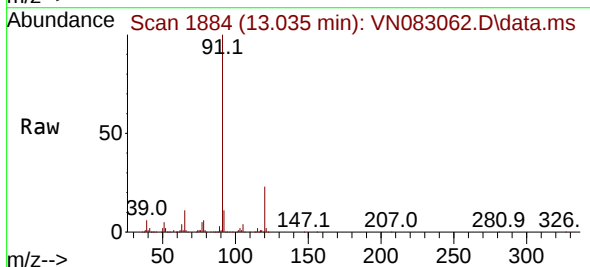
Tgt Ion:156 Resp: 139219
Ion Ratio Lower Upper
156 100
77 209.6 111.3 333.8
158 97.6 48.3 144.9

Manual Integrations
APPROVED

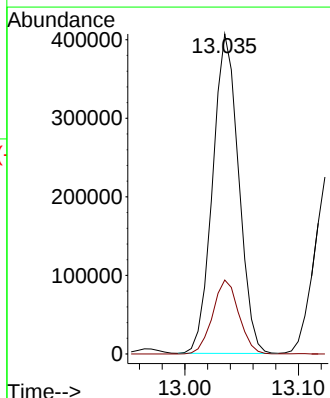
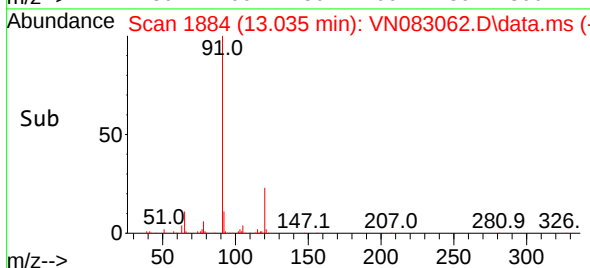
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

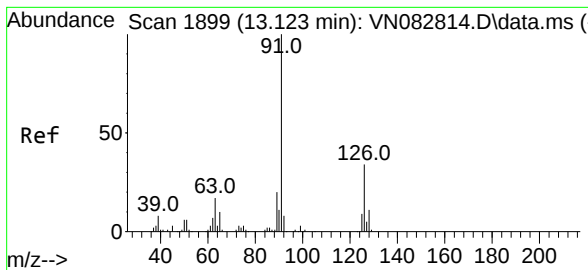


#78
n-propylbenzene
Concen: 48.497 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



Tgt Ion: 91 Resp: 647046
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.9





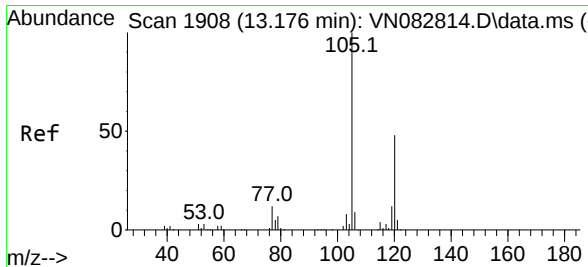
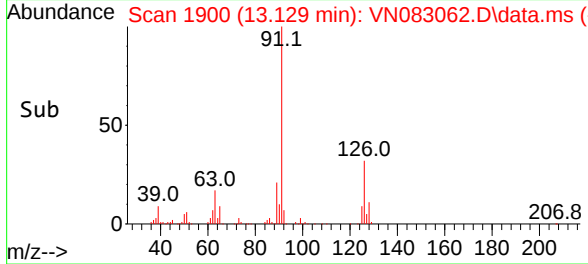
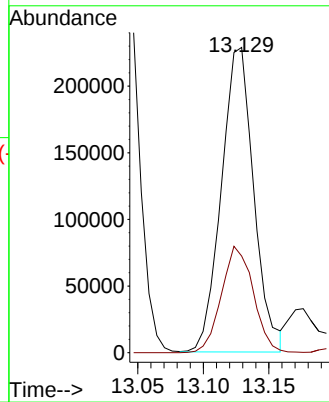
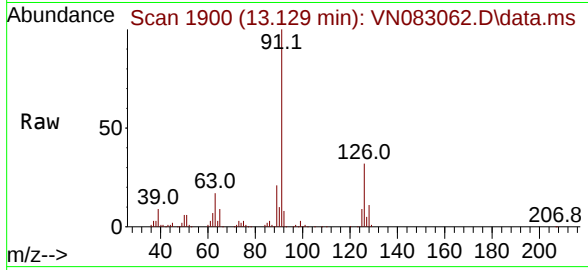
#79
2-Chlorotoluene
Concen: 46.289 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 393495
Ion Ratio Lower Upper
91 100
126 34.3 16.2 48.6

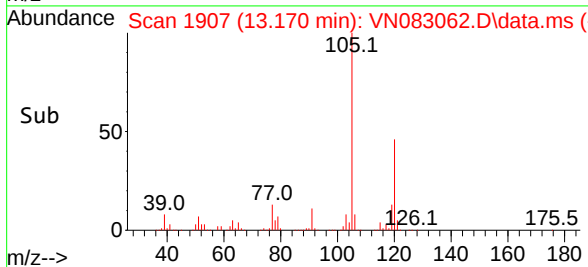
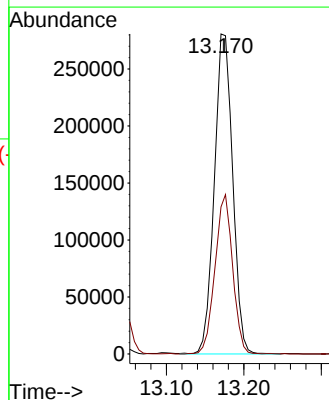
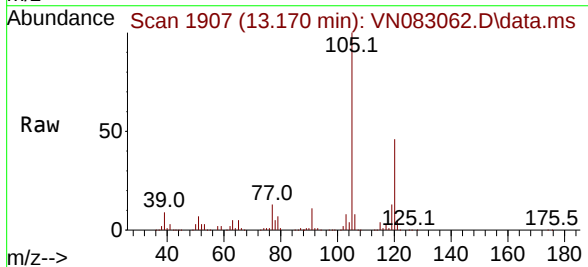
Manual Integrations
APPROVED

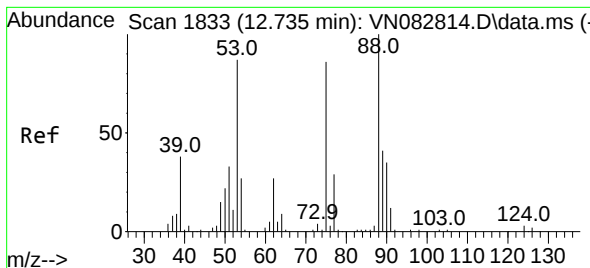
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.232 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion:105 Resp: 461781
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8





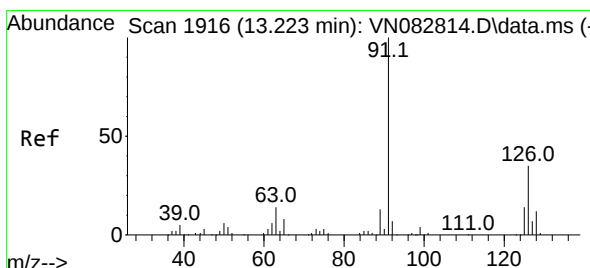
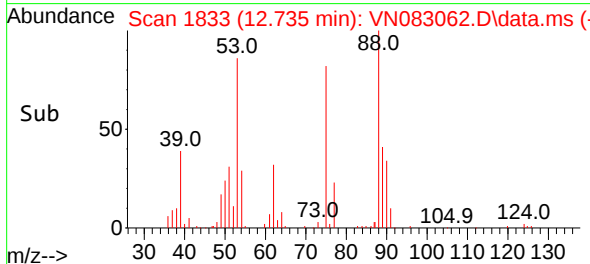
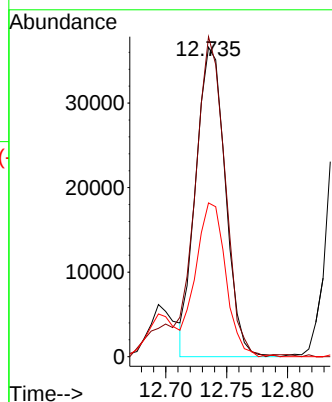
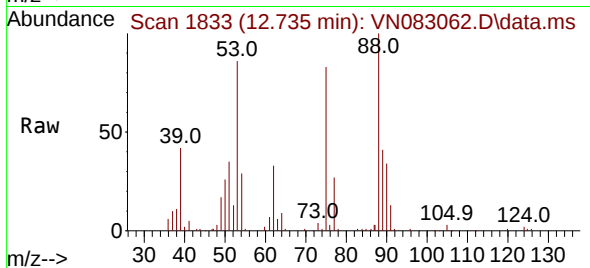
#81
trans-1,4-Dichloro-2-butene
Concen: 43.924 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 61489
Ion Ratio Lower Upper
75 100
53 113.8 88.4 132.6
89 50.8 36.3 54.5

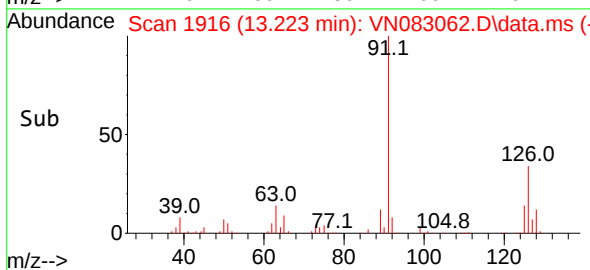
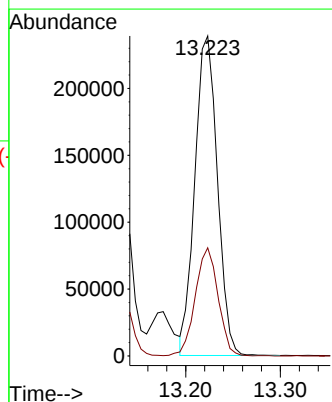
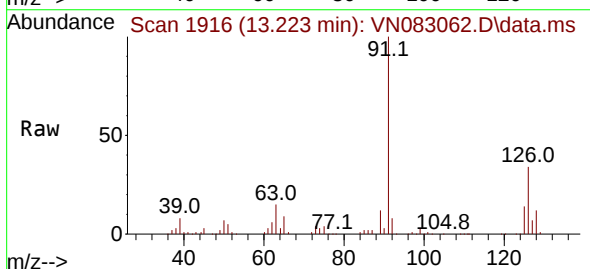
Manual Integrations
APPROVED

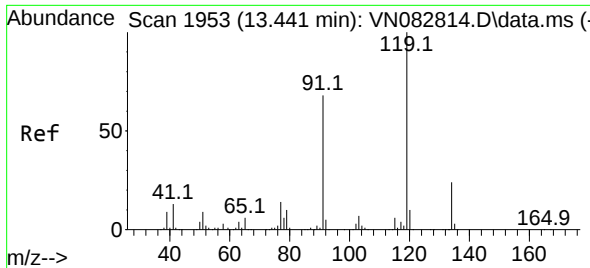
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#82
4-Chlorotoluene
Concen: 46.989 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

Tgt Ion: 91 Resp: 395374
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 46.251 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

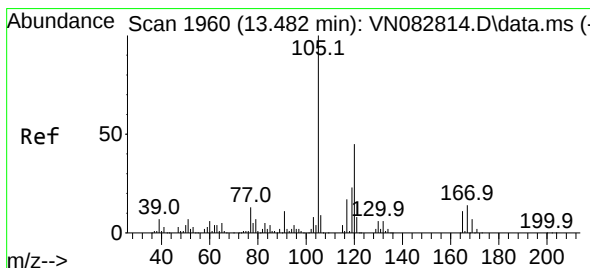
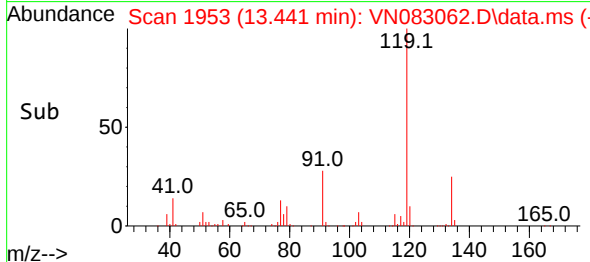
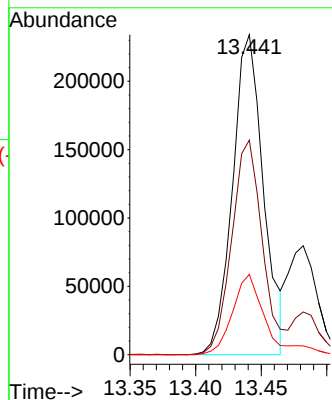
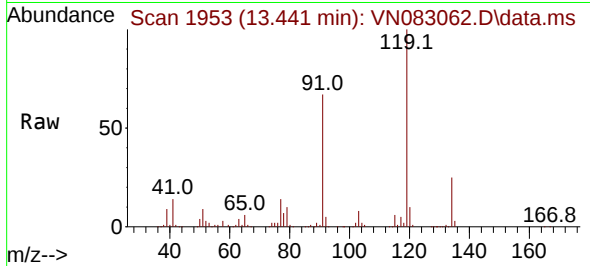
Tgt Ion:119 Resp: 384600
 Ion Ratio Lower Upper
 119 100
 91 67.4 35.0 105.1
 134 26.8 13.3 39.8

Manual Integrations

APPROVED

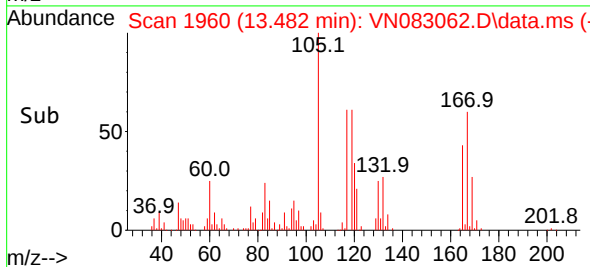
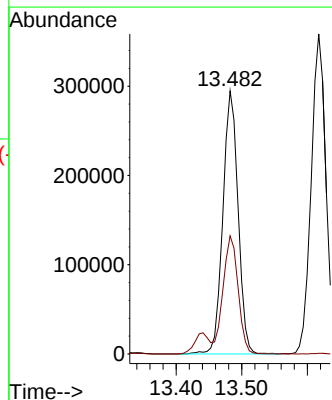
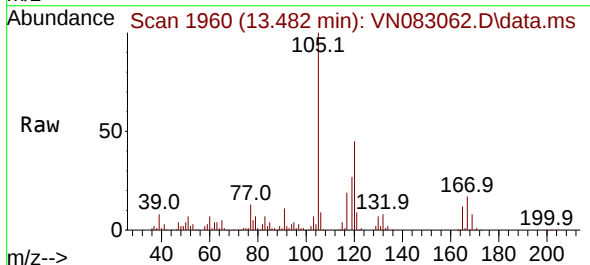
Reviewed By :John Carlone 07/31/2024

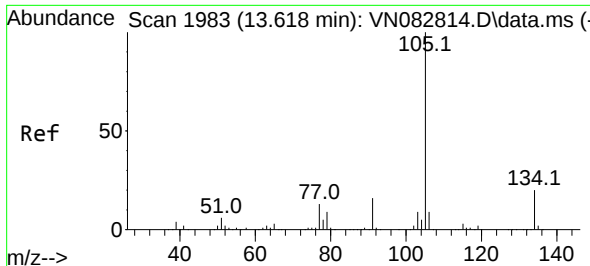
Supervised By :Semsettin Yesilyurt 07/31/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 49.466 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

Tgt Ion:105 Resp: 472900
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.9 65.8





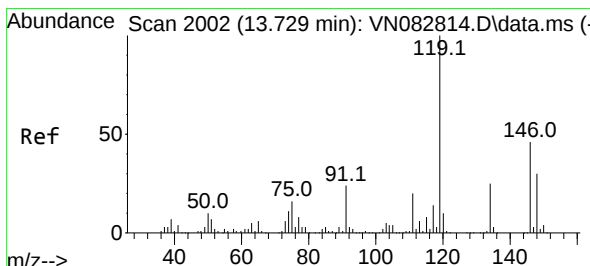
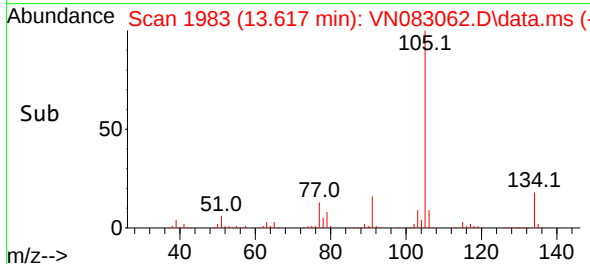
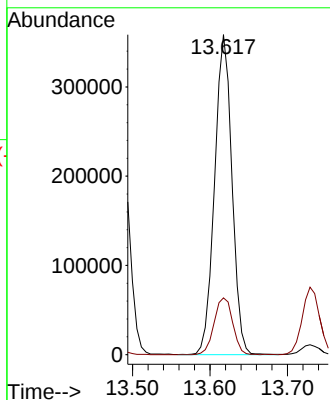
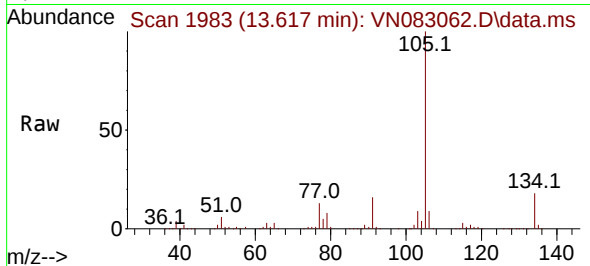
#85
 sec-Butylbenzene
 Concen: 49.683 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 55829
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

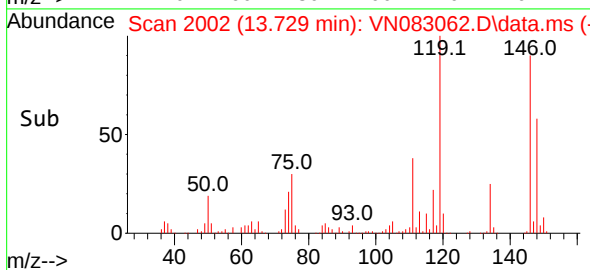
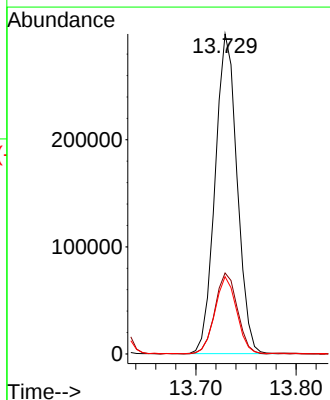
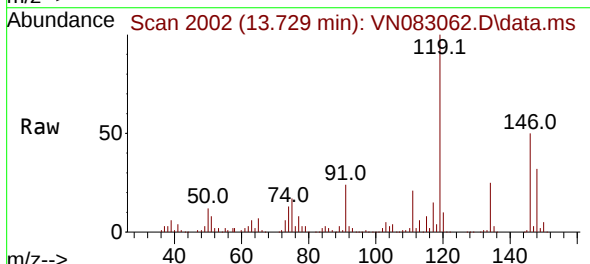
Manual Integrations
 APPROVED

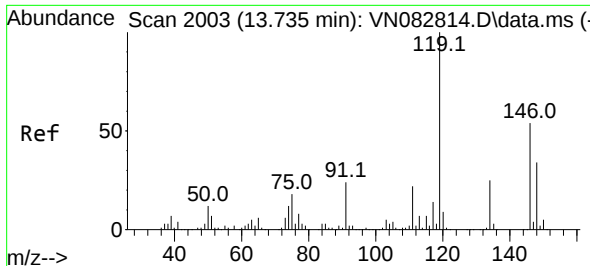
Reviewed By :John Carlone 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024



#86
 p-Isopropyltoluene
 Concen: 48.498 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083062.D
 Acq: 30 Jul 2024 12:25

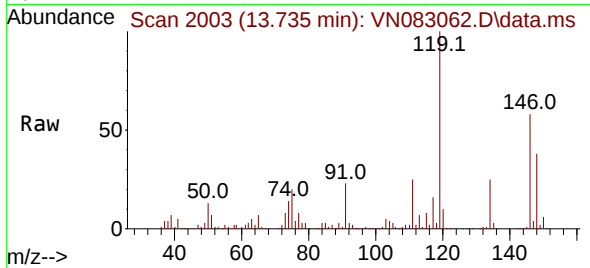
Tgt Ion:119 Resp: 454695
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.8 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 48.338 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

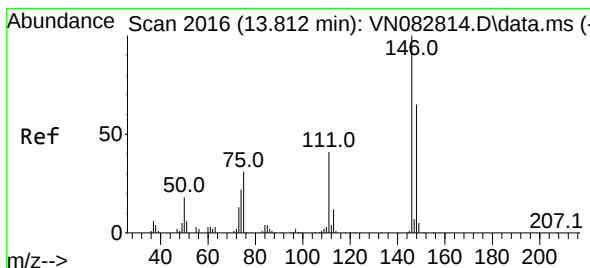
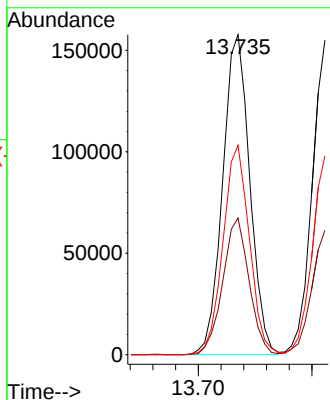
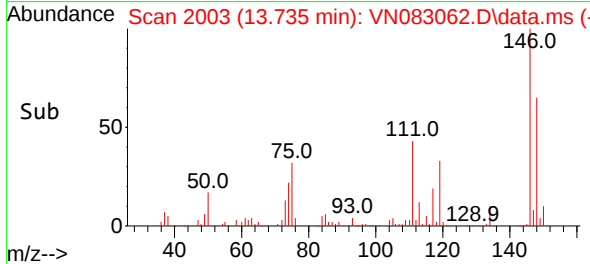
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



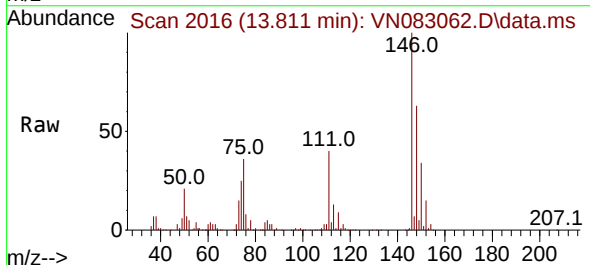
Tgt Ion:146 Resp: 261408
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 63.8 31.8 95.3

Manual Integrations
APPROVED

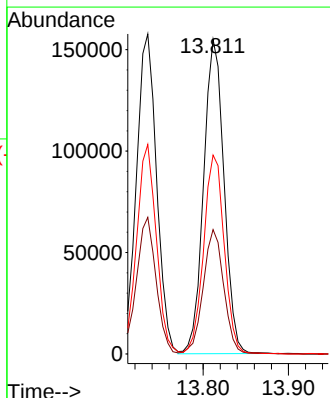
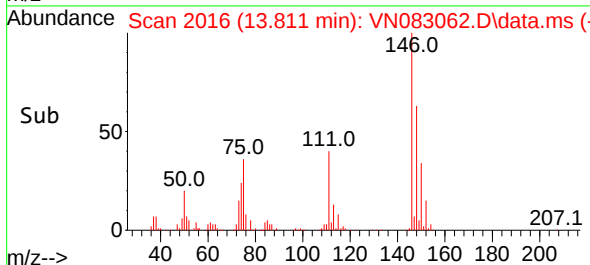
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

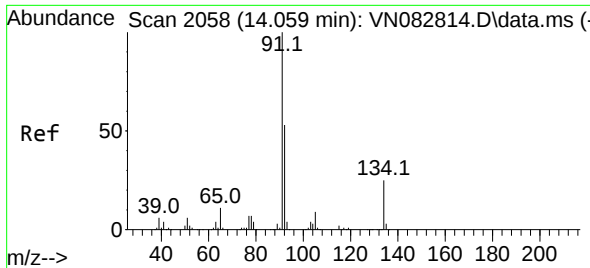


#88
1,4-Dichlorobenzene
Concen: 46.079 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



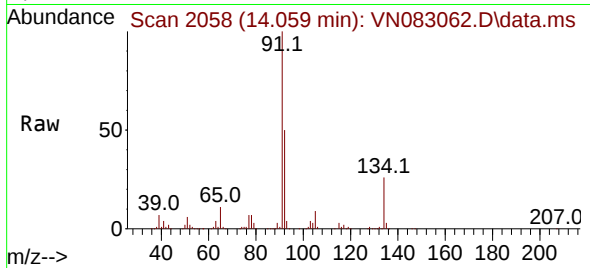
Tgt Ion:146 Resp: 257708
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.3
148 64.1 32.2 96.6





#89
n-Butylbenzene
Concen: 48.903 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

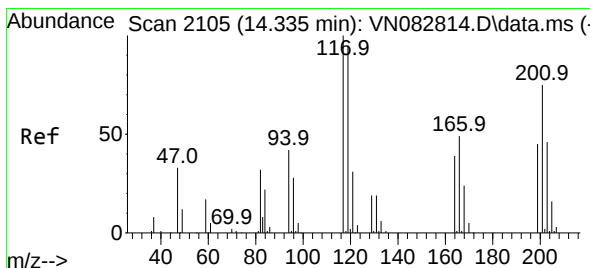
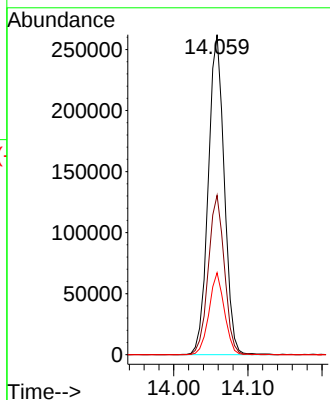
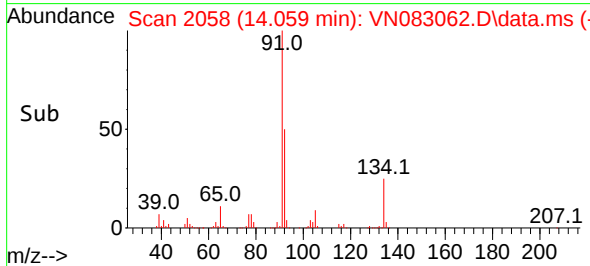
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 392790
Ion Ratio Lower Upper
91 100
92 50.1 26.1 78.3
134 24.6 12.1 36.3

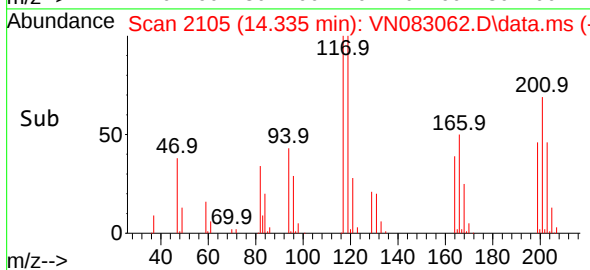
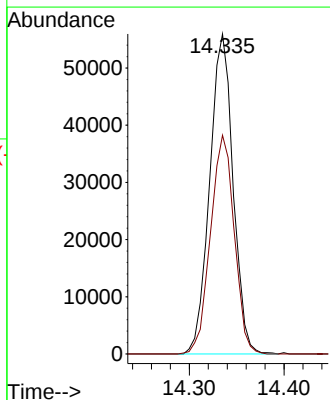
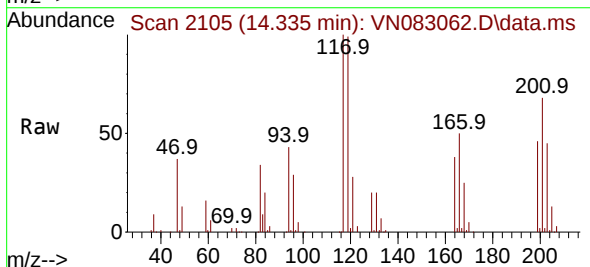
Manual Integrations
APPROVED

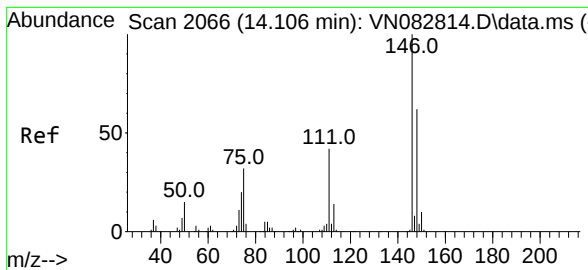
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#90
Hexachloroethane
Concen: 48.323 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

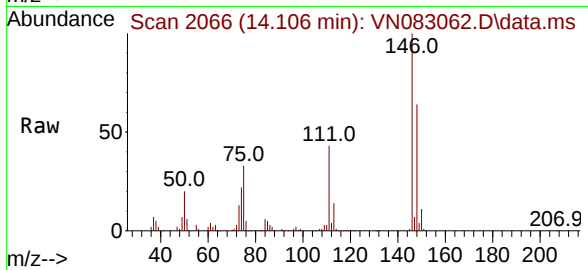
Tgt Ion:117 Resp: 95863
Ion Ratio Lower Upper
117 100
201 69.5 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 48.775 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

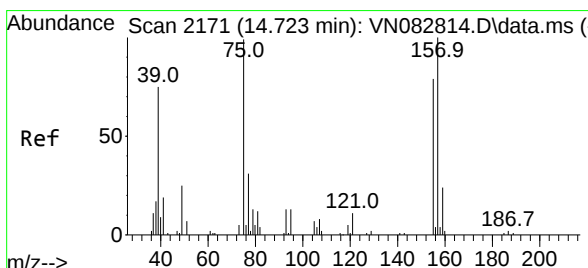
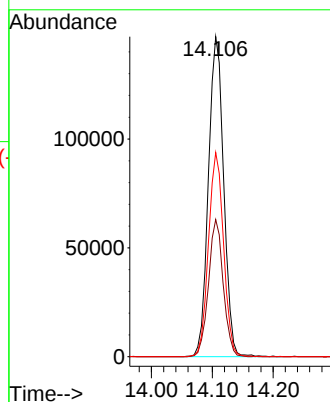
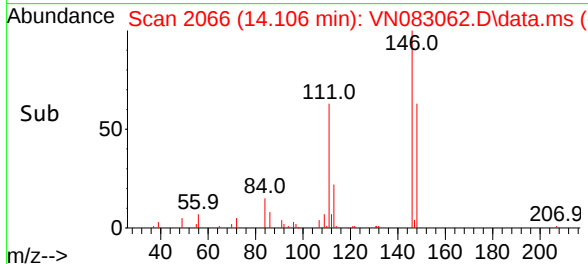
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



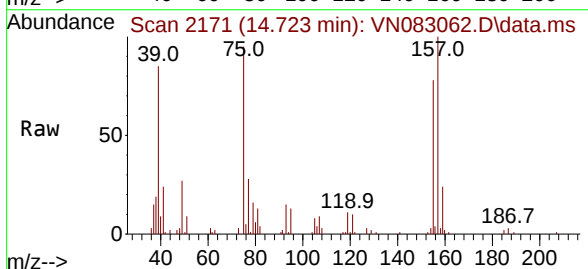
Tgt Ion:146 Resp: 256100
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.2
148 63.0 32.1 96.5

Manual Integrations
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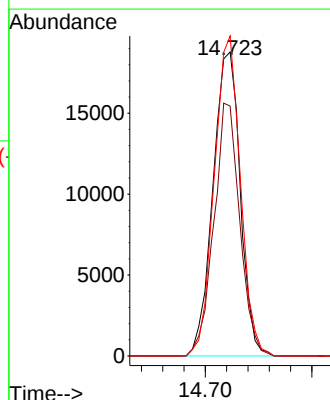
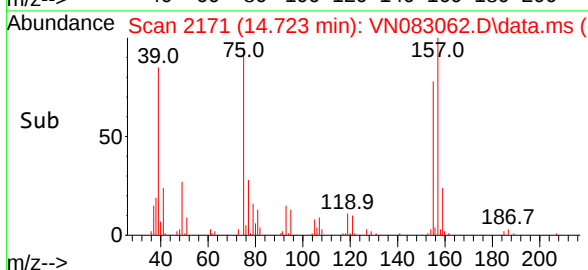
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

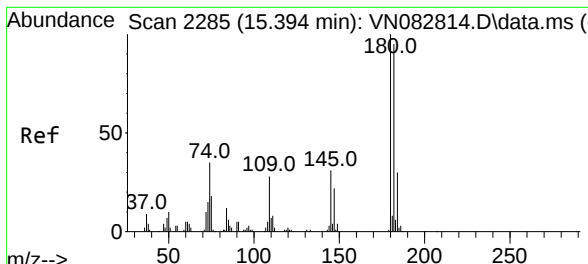


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.489 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



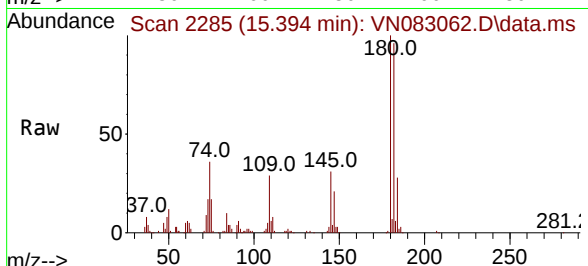
Tgt Ion: 75 Resp: 33357
Ion Ratio Lower Upper
75 100
155 78.9 36.6 109.8
157 100.6 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 45.477 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

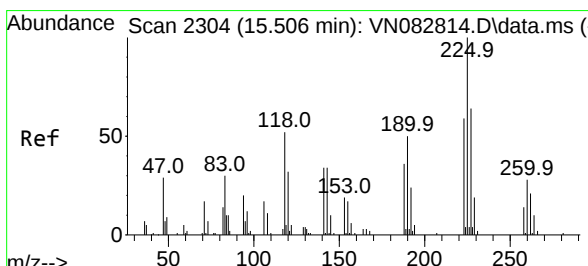
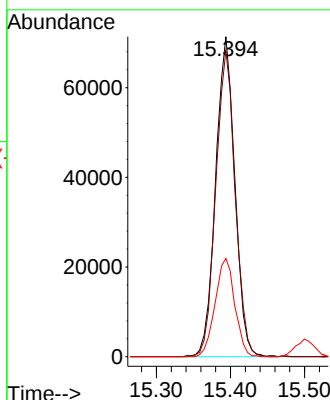
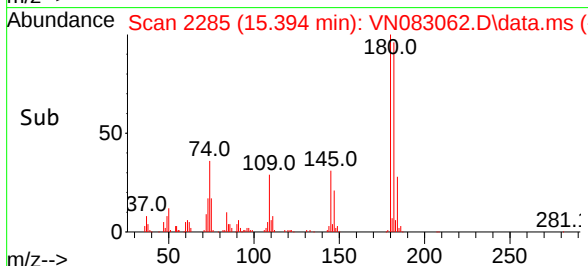
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



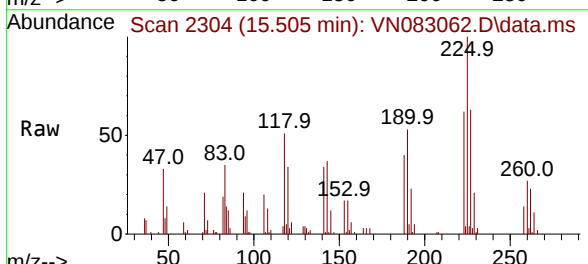
Tgt Ion:180 Resp: 12862
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.8
145 31.3 15.7 47.1

Manual Integrations
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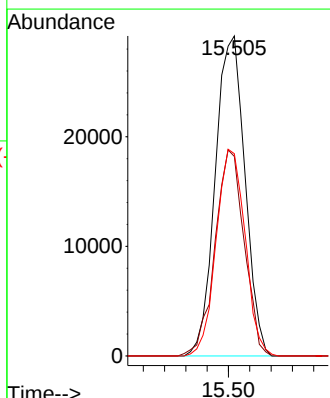
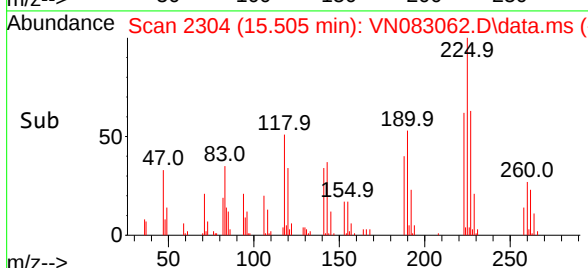
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

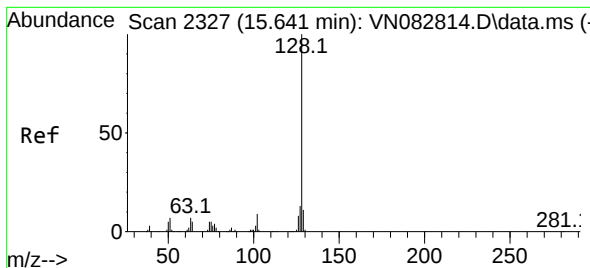


#94
Hexachlorobutadiene
Concen: 45.048 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



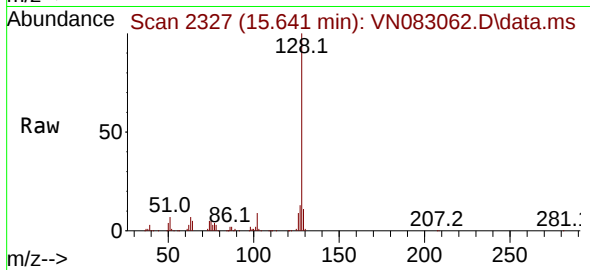
Tgt Ion:225 Resp: 56482
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 62.8 32.5 97.5





#95
Naphthalene
Concen: 41.738 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25

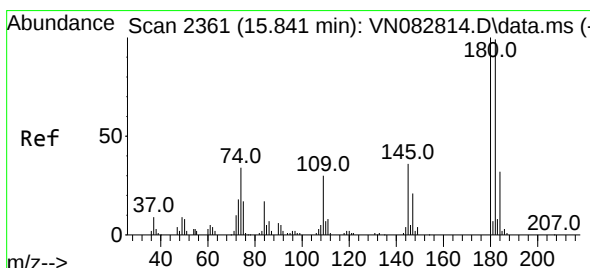
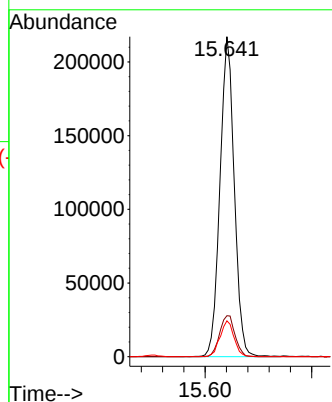
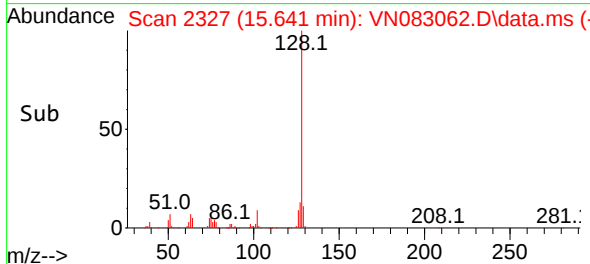
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



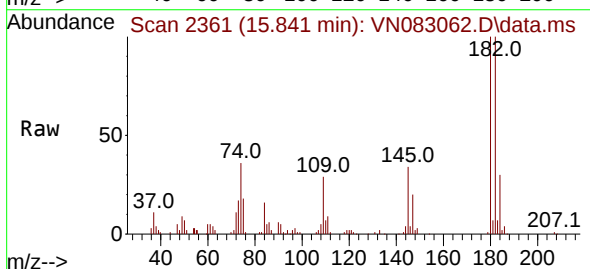
Tgt Ion:128 Resp: 40432
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#96
1,2,3-Trichlorobenzene
Concen: 44.796 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083062.D
Acq: 30 Jul 2024 12:25



Tgt Ion:180 Resp: 130268
Ion Ratio Lower Upper
180 100
182 93.6 48.9 146.8
145 33.4 16.8 50.4

