

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080541.D
 Acq On : 20 Dec 2023 12:58
 Operator : JC\MD
 Sample : VN1220WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:40:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	297119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	451292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	204830	53.975	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	8.165	113	159649	55.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.580%	
50) Toluene-d8	10.565	98	589997	55.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.847	95	212320	52.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63849	16.816	ug/l	95
3) Chloromethane	2.359	50	59688	14.740	ug/l	99
4) Vinyl Chloride	2.518	62	50804	15.668	ug/l	96
5) Bromomethane	2.959	94	24924	17.049	ug/l	92
6) Chloroethane	3.124	64	32254	15.480	ug/l	95
7) Trichlorofluoromethane	3.500	101	110802	16.847	ug/l	97
8) Diethyl Ether	3.953	74	33497	16.170	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	54977	17.636	ug/l	96
10) Methyl Iodide	4.583	142	38310	13.972	ug/l #	86
11) Tert butyl alcohol	5.512	59	34194	76.508	ug/l	97
12) 1,1-Dichloroethene	4.341	96	52253	16.359	ug/l	86
13) Acrolein	4.177	56	44056	90.010	ug/l	95
14) Allyl chloride	5.018	41	64679	16.367	ug/l	96
15) Acrylonitrile	5.712	53	114279	90.494	ug/l	98
16) Acetone	4.424	43	68692	102.087	ug/l	91
17) Carbon Disulfide	4.712	76	135540	14.973	ug/l	98
18) Methyl Acetate	5.024	43	80392	18.568	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	187113	17.559	ug/l	96
20) Methylene Chloride	5.277	84	61785	17.158	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	58921	17.013	ug/l	88
22) Diisopropyl ether	6.671	45	158856	18.625	ug/l	94
23) Vinyl Acetate	6.600	43	414700	84.655	ug/l	95
24) 1,1-Dichloroethane	6.559	63	108371	18.211	ug/l	97
25) 2-Butanone	7.482	43	113476	87.542	ug/l	89
26) 2,2-Dichloropropane	7.488	77	104498	17.173	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	66956	17.079	ug/l	91
28) Bromochloromethane	7.812	49	33015	14.450	ug/l	95
29) Tetrahydrofuran	7.841	42	79296	85.428	ug/l	92
30) Chloroform	7.965	83	120013	18.168	ug/l	98
31) Cyclohexane	8.253	56	87519	16.959	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	113647	17.572	ug/l	98
36) 1,1-Dichloropropene	8.371	75	84072	17.970	ug/l	96
37) Ethyl Acetate	7.559	43	49645	16.945	ug/l #	94
38) Carbon Tetrachloride	8.359	117	103601	18.532	ug/l	97
39) Methylcyclohexane	9.600	83	76451	15.730	ug/l	90
40) Benzene	8.606	78	250828	18.566	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29712	17.591	ug/l	93
42) 1,2-Dichloroethane	8.671	62	95845	19.158	ug/l	99
43) Isopropyl Acetate	8.688	43	95962	18.217	ug/l	97
44) Trichloroethene	9.353	130	63985	17.568	ug/l	97
45) 1,2-Dichloropropane	9.623	63	59376	18.713	ug/l	93
46) Dibromomethane	9.706	93	41299	18.124	ug/l	91
47) Bromodichloromethane	9.888	83	91851	18.808	ug/l	98
48) Methyl methacrylate	9.682	41	54051	17.194	ug/l	90
49) 1,4-Dioxane	9.694	88	14759	309.755	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	264998	91.343	ug/l	99
52) Toluene	10.629	92	160965	18.860	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	97688	18.488	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	102806	18.203	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	60654	19.751	ug/l	98
56) Ethyl methacrylate	10.870	69	61406	18.061	ug/l #	92
57) 1,3-Dichloropropane	11.165	76	102479	19.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	237152	110.488	ug/l	98
59) 2-Hexanone	11.194	43	190951	89.156	ug/l	100
60) Dibromochloromethane	11.359	129	69044	18.973	ug/l	99
61) 1,2-Dibromoethane	11.470	107	57881	18.211	ug/l	99
64) Tetrachloroethene	11.106	164	55412	17.443	ug/l	94
65) Chlorobenzene	11.894	112	160577	17.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	66175	18.426	ug/l	95
67) Ethyl Benzene	11.964	91	291906	17.345	ug/l	95
68) m/p-Xylenes	12.070	106	218617	35.154	ug/l	91
69) o-Xylene	12.400	106	106390	17.491	ug/l	91
70) Styrene	12.412	104	156726	17.888	ug/l	95
71) Bromoform	12.582	173	43557	16.632	ug/l #	96
73) Isopropylbenzene	12.700	105	267373	18.030	ug/l	99
74) N-amyl acetate	12.494	43	75448	17.423	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	74563	18.764	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	99553	27.033	ug/l	79
77) Bromobenzene	12.982	156	64680	17.730	ug/l	99
78) n-propylbenzene	13.035	91	306602	18.752	ug/l	99
79) 2-Chlorotoluene	13.123	91	195944	18.357	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	232576	18.210	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	23939	17.068	ug/l	90
82) 4-Chlorotoluene	13.223	91	200334	18.259	ug/l	97
83) tert-Butylbenzene	13.441	119	182853	17.482	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	228409	17.977	ug/l	99
85) sec-Butylbenzene	13.617	105	232876	17.405	ug/l	100
86) p-Isopropyltoluene	13.729	119	212641	17.601	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	113649	17.682	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	115607	17.819	ug/l	97
89) n-Butylbenzene	14.058	91	176604	17.505	ug/l	100
90) Hexachloroethane	14.335	117	34893	18.186	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	111593	18.284	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14915	17.845	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	60237	17.776	ug/l	96
94) Hexachlorobutadiene	15.500	225	32465	16.829	ug/l	97
95) Naphthalene	15.641	128	176253	17.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	58252	17.814	ug/l	100

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Response via : Initial Calibration

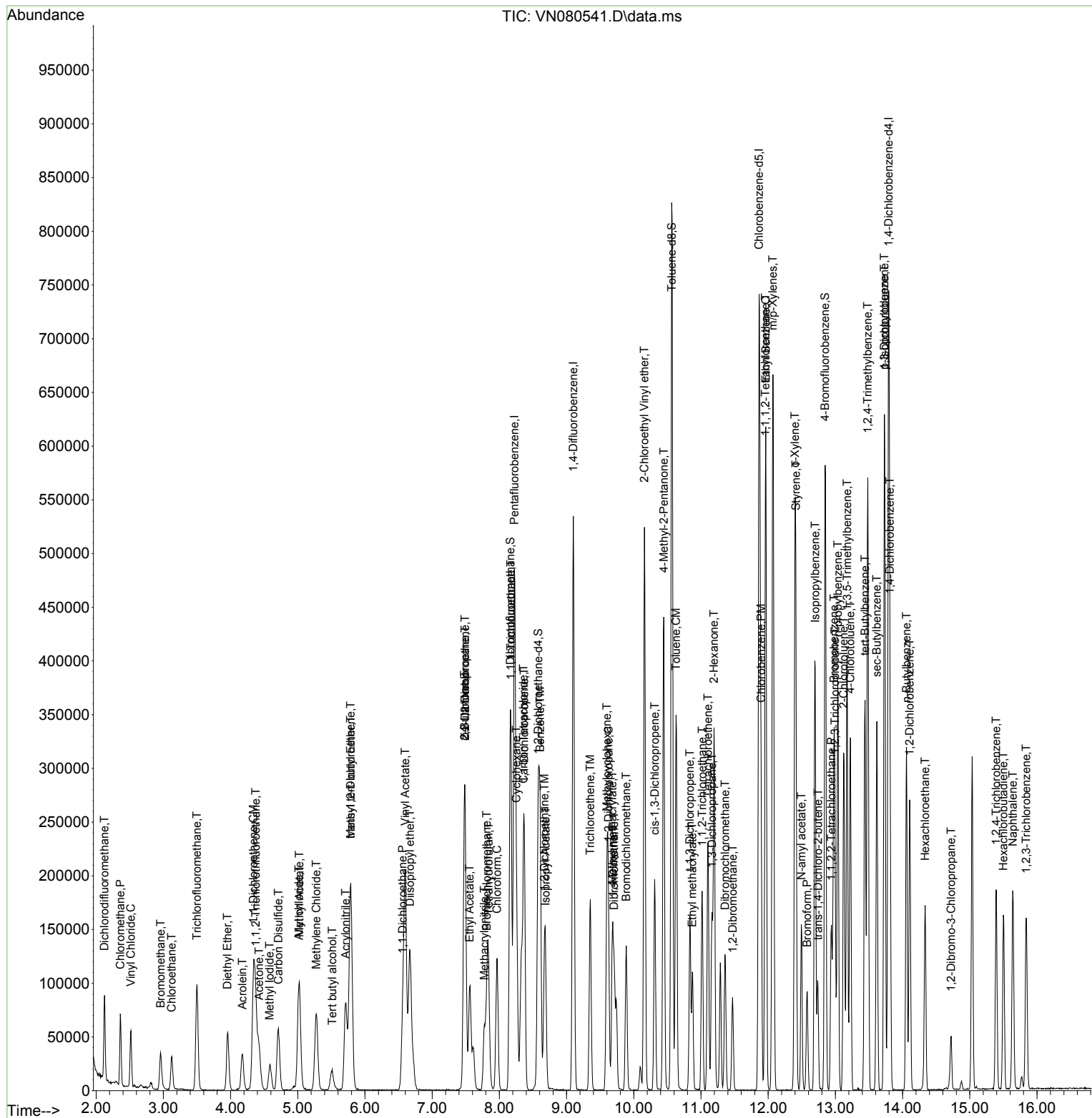
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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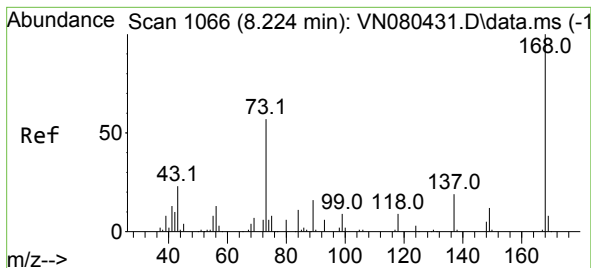
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080541.D

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Instrument :

MSVOA_N

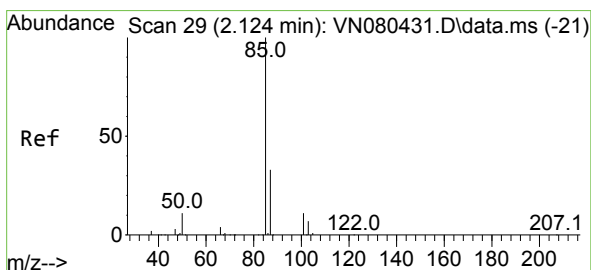
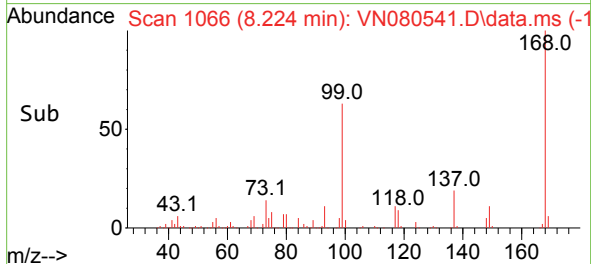
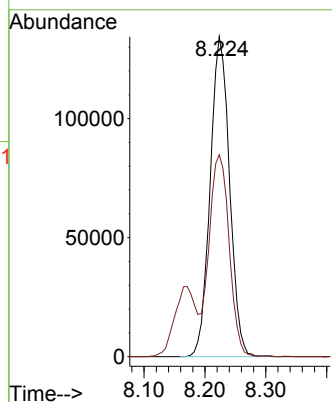
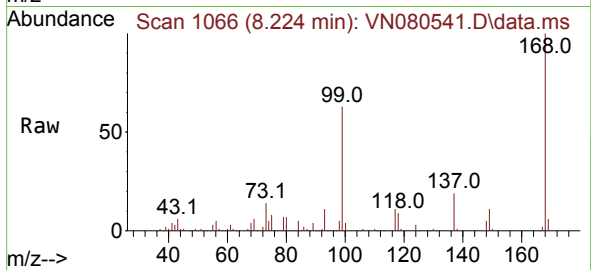
ClientSampleId :

Tgt Ion:168 Resp: 297119

Ion Ratio Lower Upper

168 100

99 63.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 16.816 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080541.D

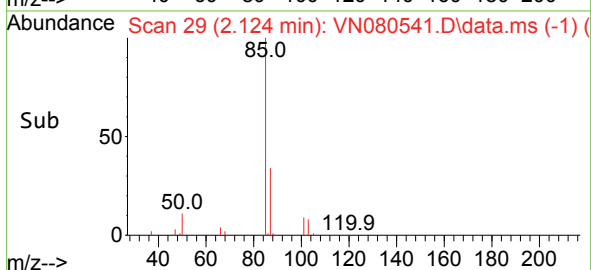
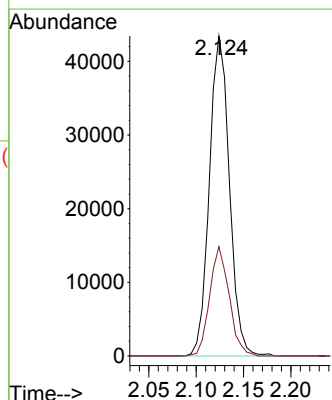
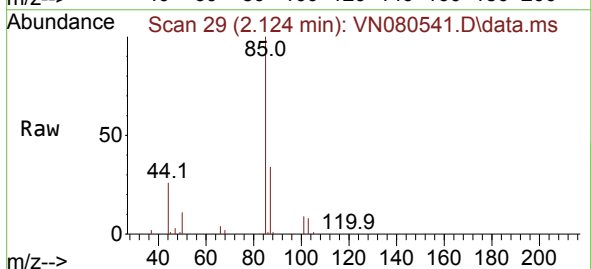
Acq: 20 Dec 2023 12:58

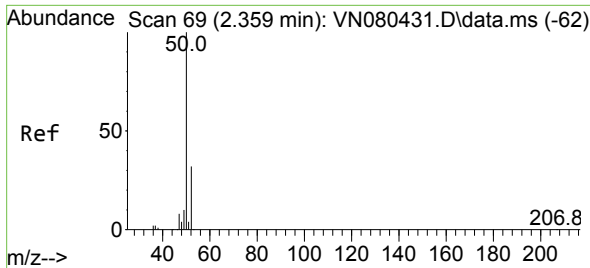
Tgt Ion: 85 Resp: 63849

Ion Ratio Lower Upper

85 100

87 34.2 15.8 47.4

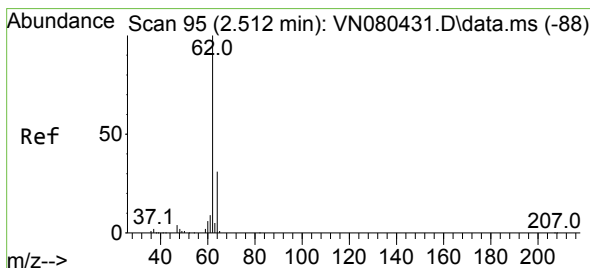
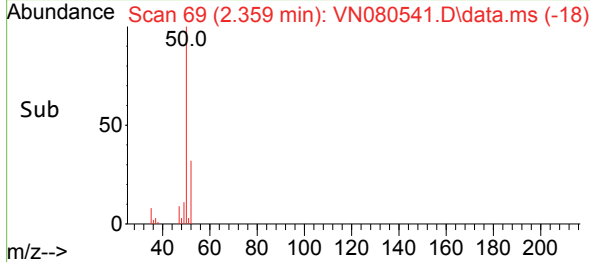
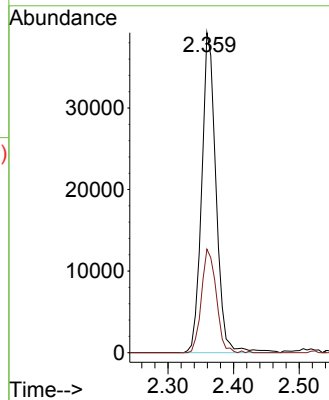
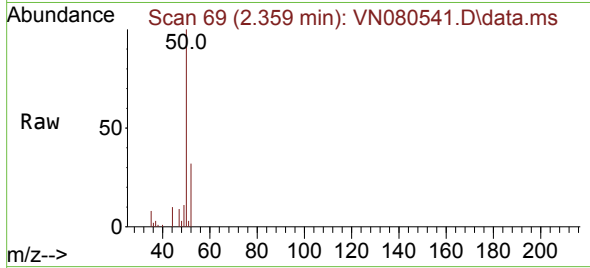




#3
Chloromethane
Concen: 14.740 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

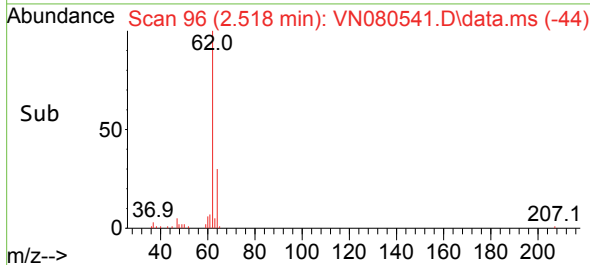
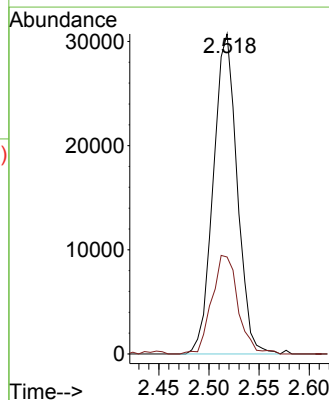
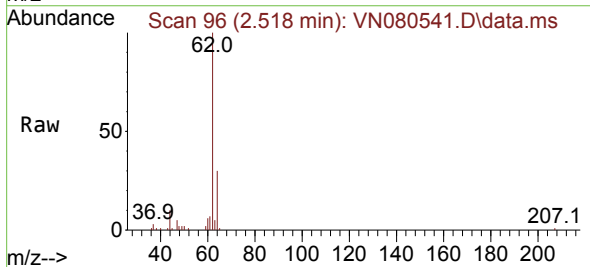
Instrument :
MSVOA_N
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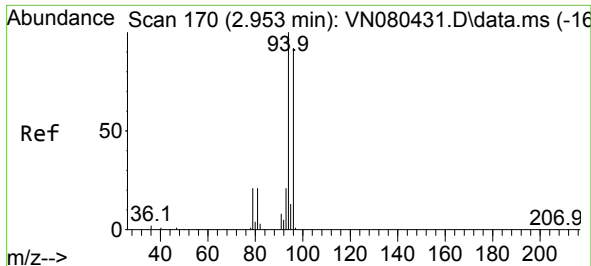
Tgt Ion: 50 Resp: 59688
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 15.668 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 62 Resp: 50804
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2

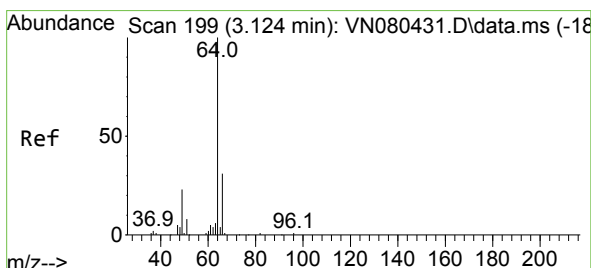
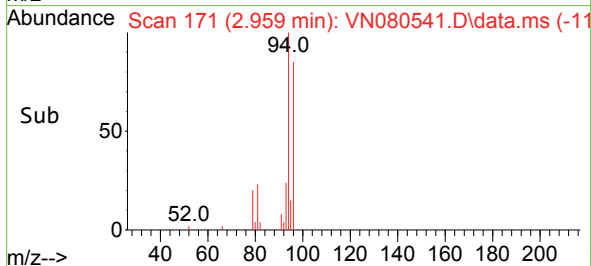
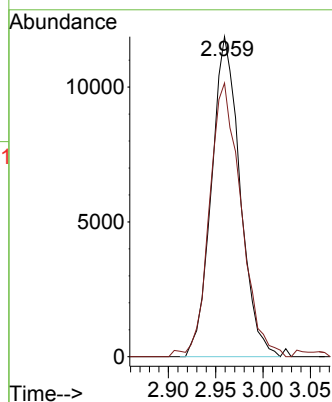
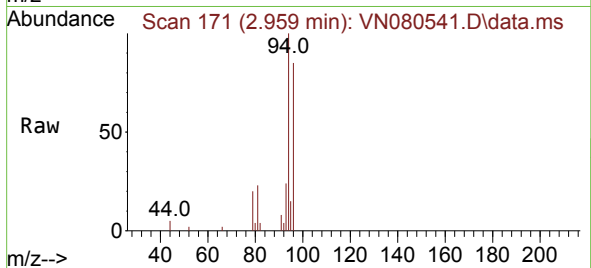




#5
Bromomethane
Concen: 17.049 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

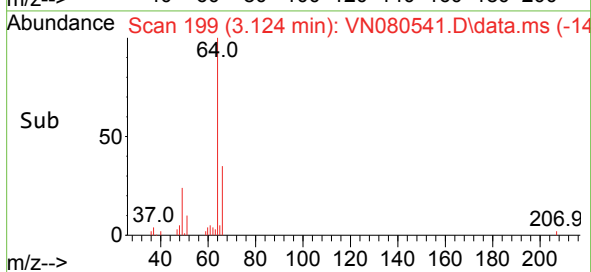
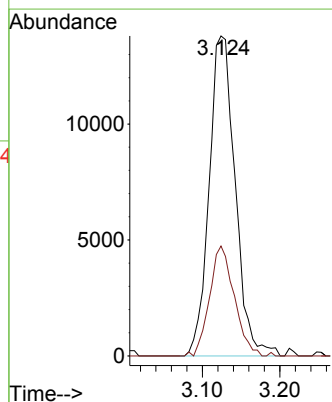
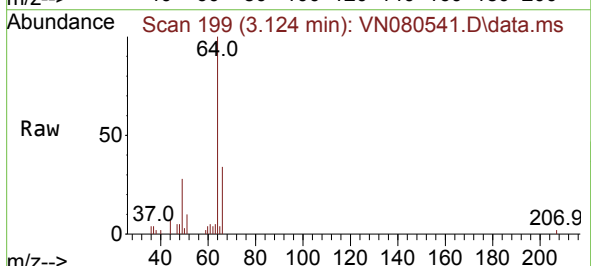
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MSVOA_N
ClientSampleId :

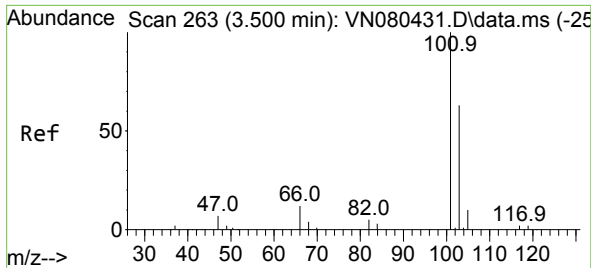
Tgt Ion: 94 Resp: 24924
Ion Ratio Lower Upper
94 100
96 83.8 73.1 109.7



#6
Chloroethane
Concen: 15.480 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 64 Resp: 32254
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2

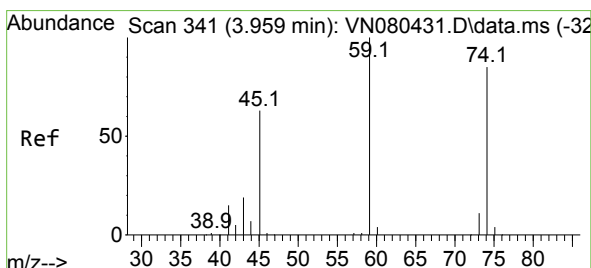
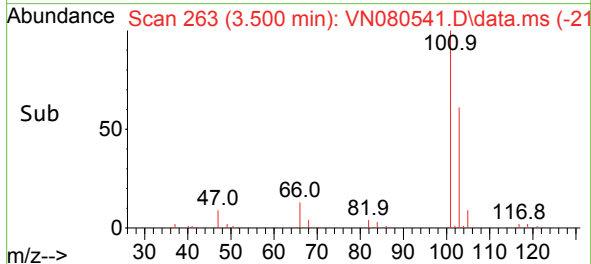
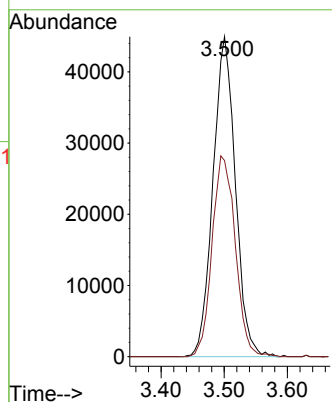
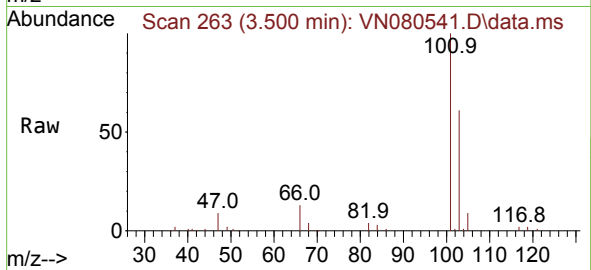




#7
 Trichlorofluoromethane
 Concen: 16.847 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

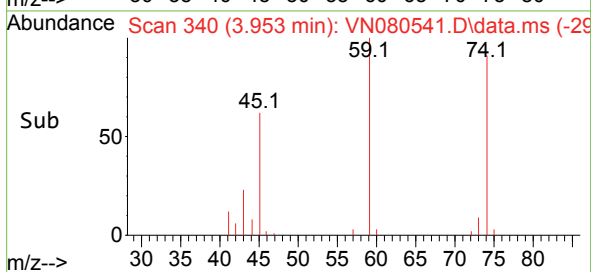
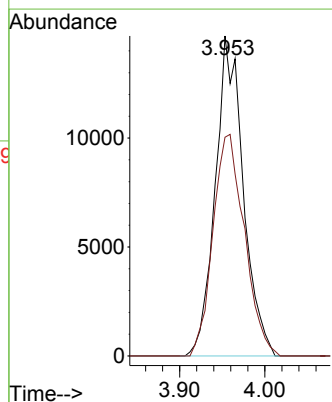
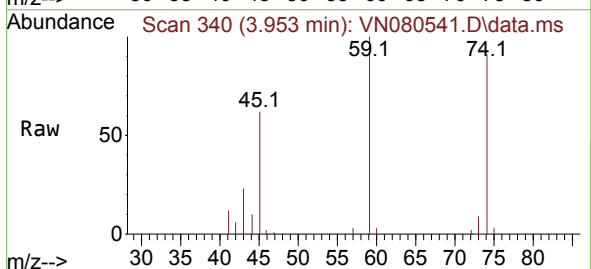
Instrument :
 MSVOA_N
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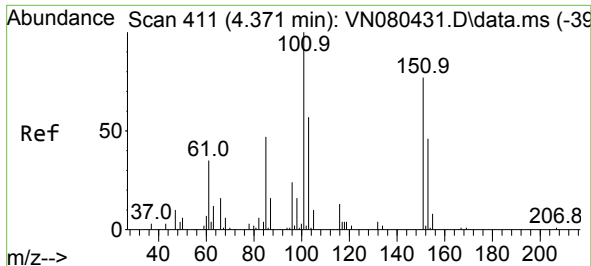
Tgt Ion:101 Resp: 110802
 Ion Ratio Lower Upper
 101 100
 103 61.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 16.170 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080541.D
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Tgt Ion: 74 Resp: 33497
 Ion Ratio Lower Upper
 74 100
 45 77.9 34.4 103.3

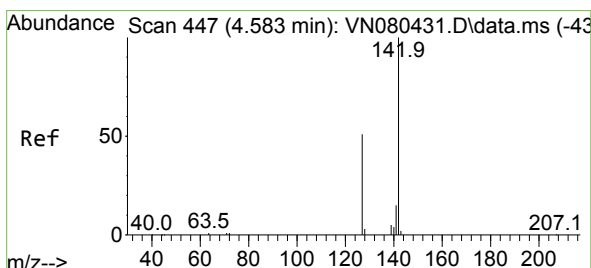
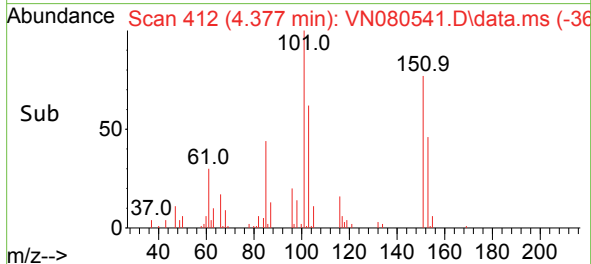
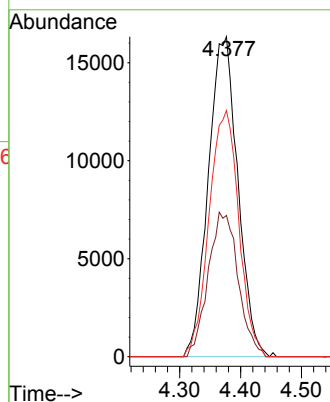
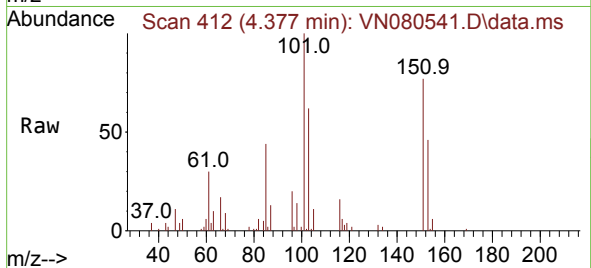




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.636 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
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Acq: 20 Dec 2023 12:58

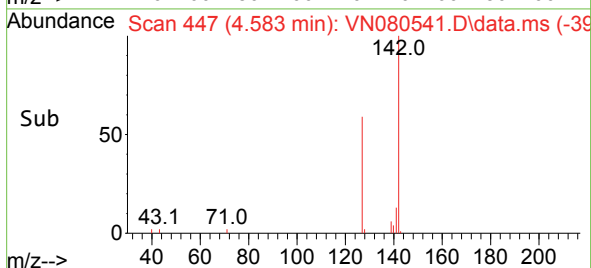
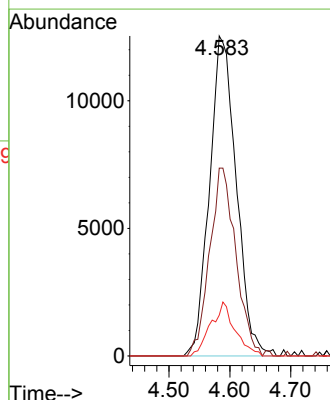
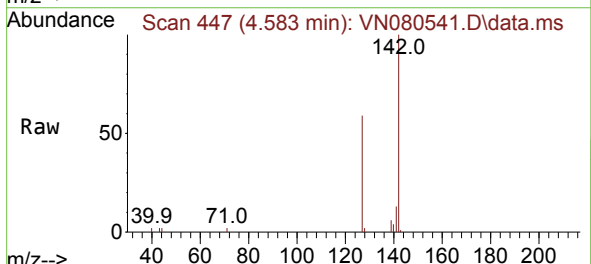
Instrument :
MSVOA_N
ClientSampleId :

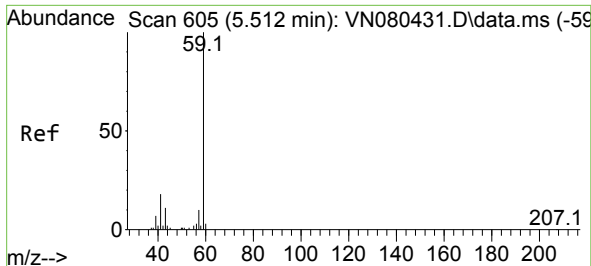
Tgt Ion:101 Resp: 54977
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 77.3 57.6 86.4



#10
Methyl Iodide
Concen: 13.972 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion:142 Resp: 38310
Ion Ratio Lower Upper
142 100
127 58.7 37.6 56.4#
141 12.7 11.4 17.0

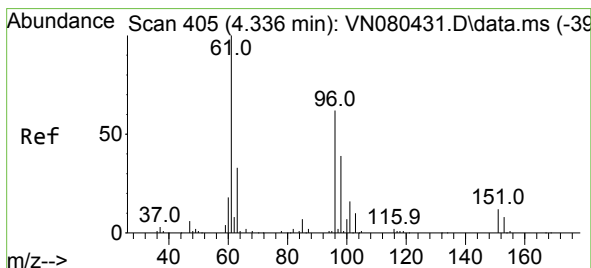
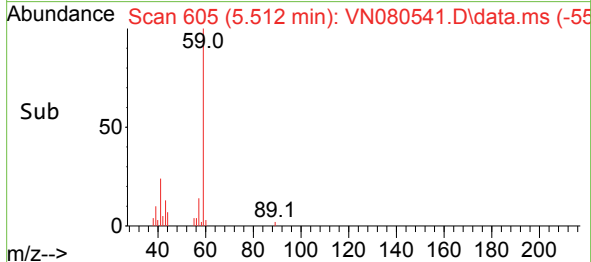
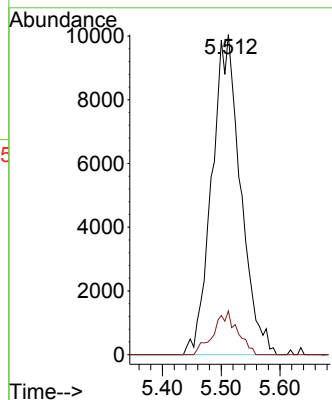
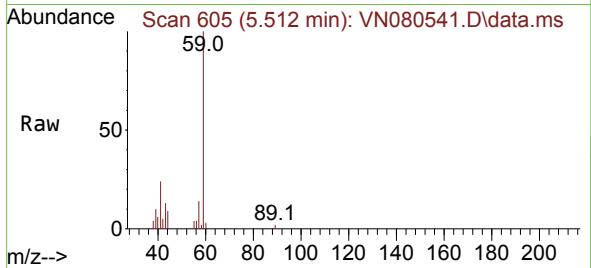




#11
Tert butyl alcohol
Concen: 76.508 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

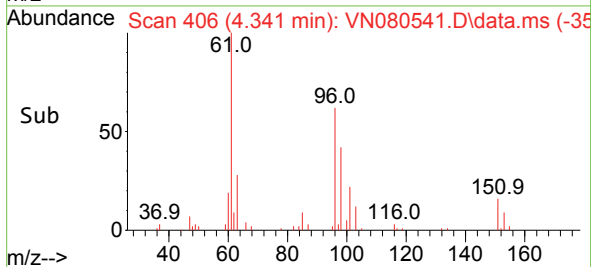
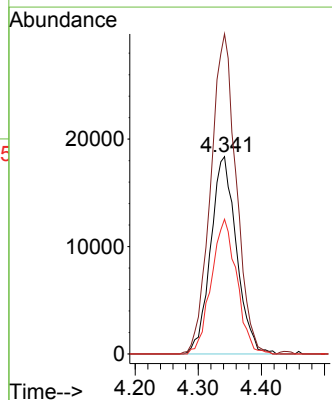
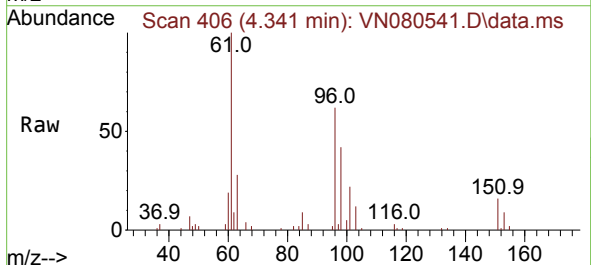
Instrument :
MSVOA_N
ClientSampleId :

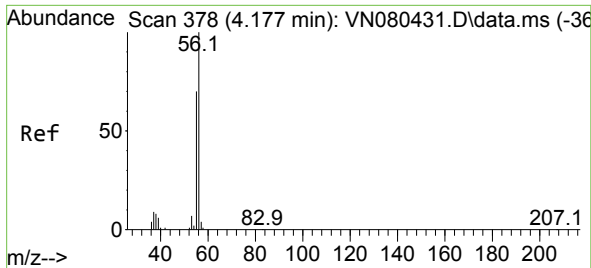
Tgt Ion: 59 Resp: 34194
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.359 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 96 Resp: 52253
Ion Ratio Lower Upper
96 100
61 162.3 112.7 169.1
98 68.3 51.2 76.8

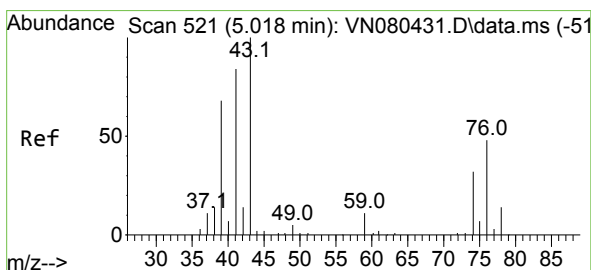
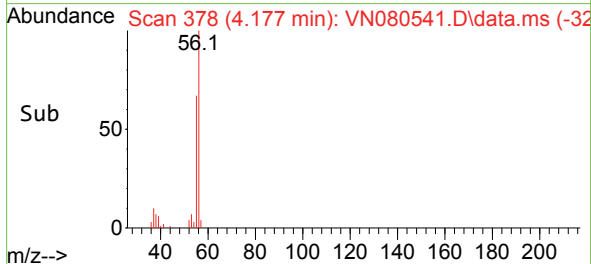
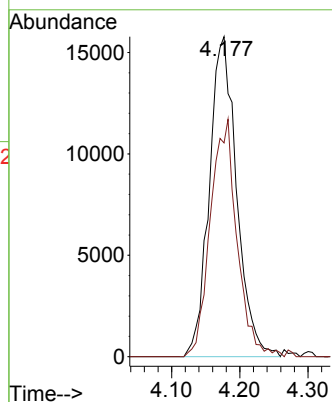
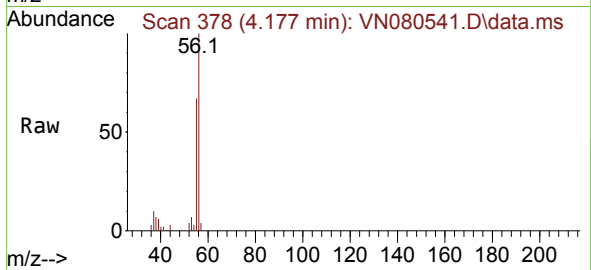




#13
Acrolein
Concen: 90.010 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

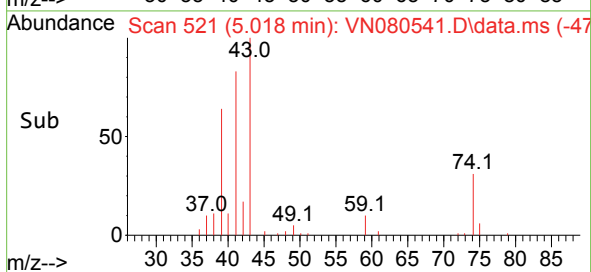
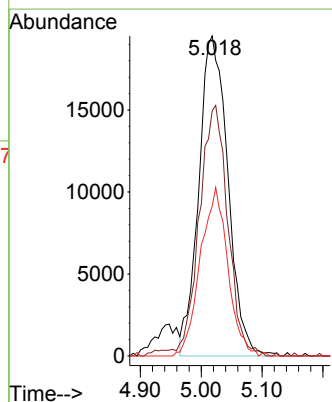
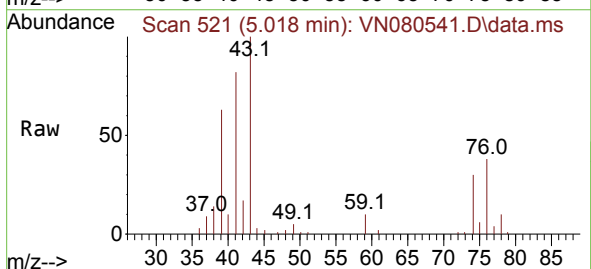
Instrument :
MSVOA_N
ClientSampleId :

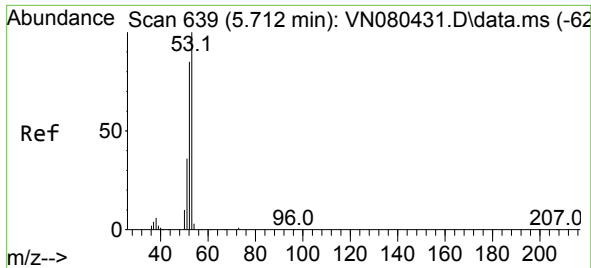
Tgt Ion: 56 Resp: 44056
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7



#14
Allyl chloride
Concen: 16.367 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

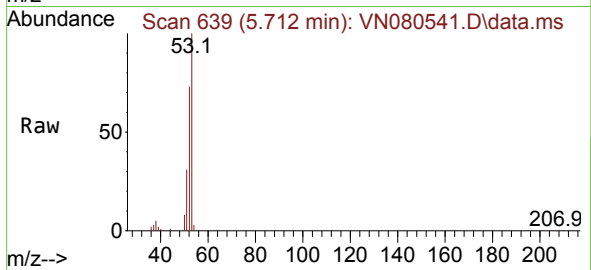
Tgt Ion: 41 Resp: 64679
Ion Ratio Lower Upper
41 100
39 77.9 58.8 88.2
76 49.8 39.1 58.7



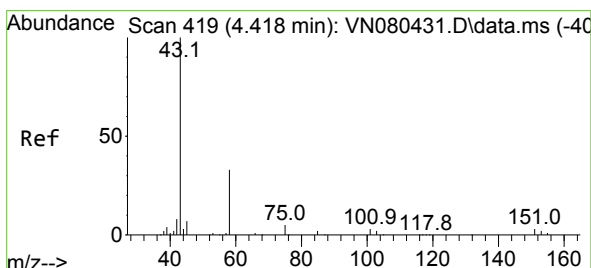
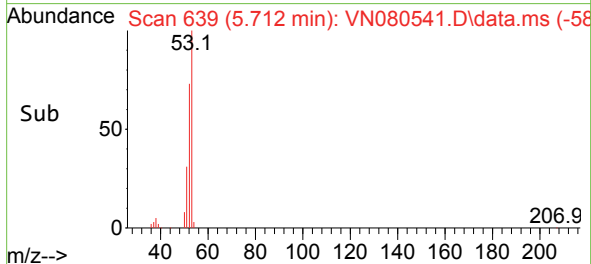
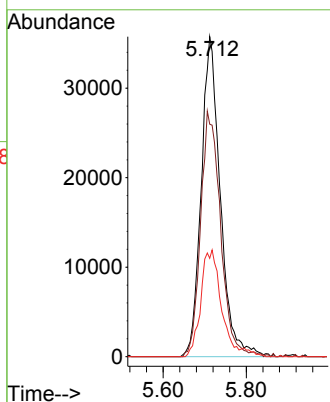


#15
Acrylonitrile
Concen: 90.494 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :

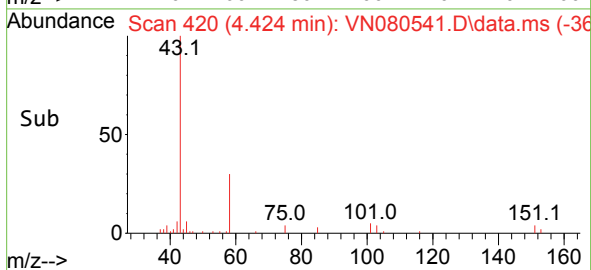
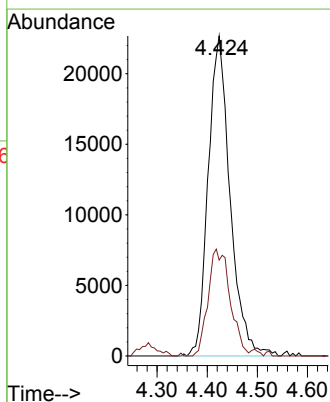
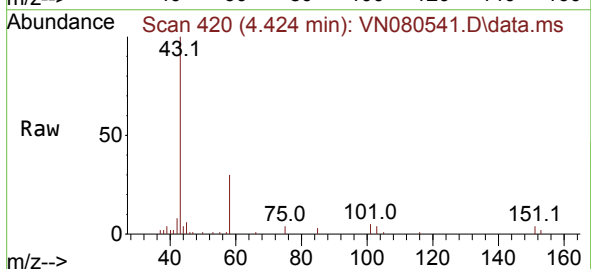


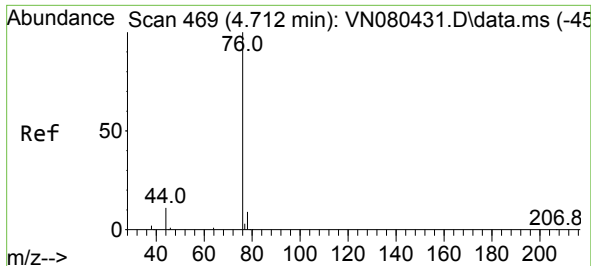
Tgt Ion: 53 Resp: 114279
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 35.2 28.9 43.3



#16
Acetone
Concen: 102.087 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 43 Resp: 68692
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

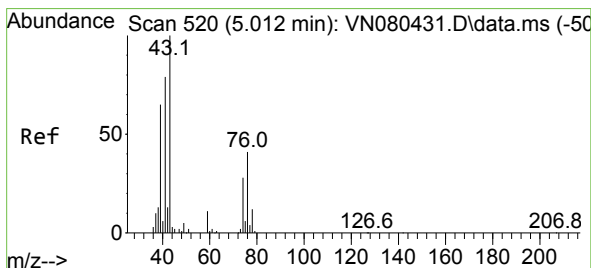
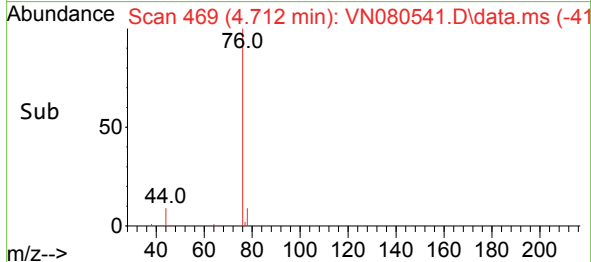
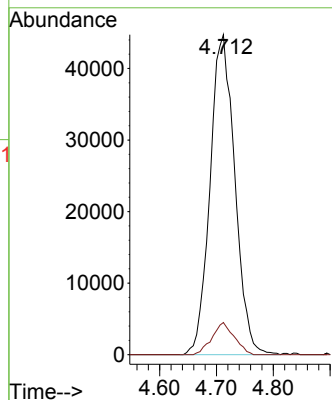
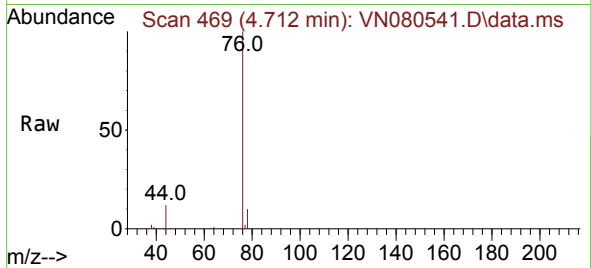




#17
Carbon Disulfide
Concen: 14.973 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

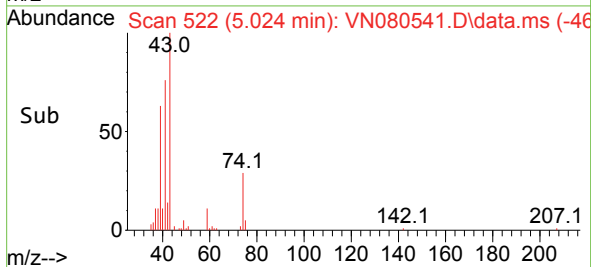
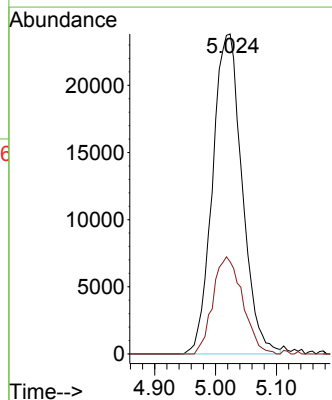
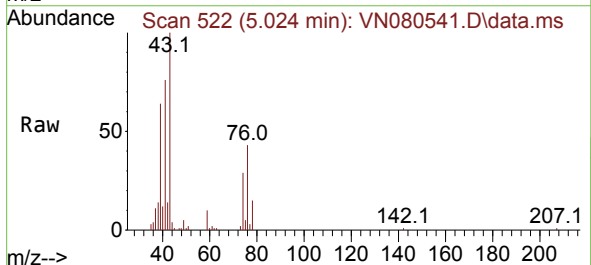
Instrument :
MSVOA_N
ClientSampleId :

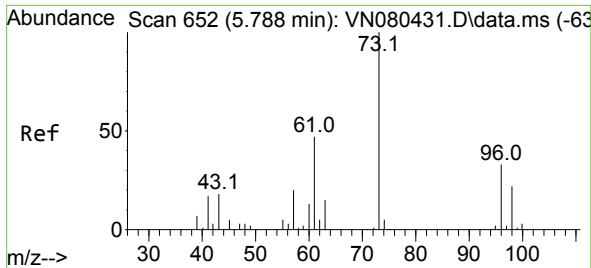
Tgt Ion: 76 Resp: 135540
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 18.568 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 43 Resp: 80392
Ion Ratio Lower Upper
43 100
74 30.5 26.2 39.4

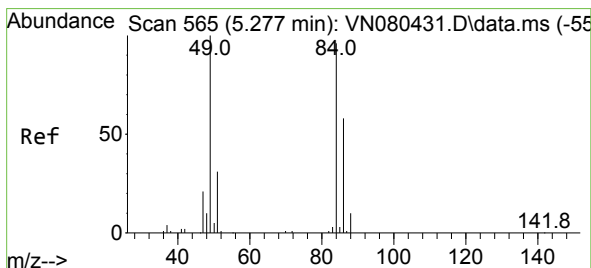
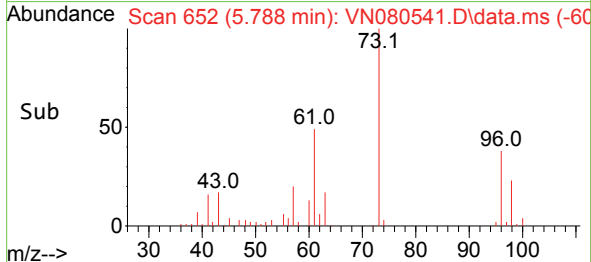
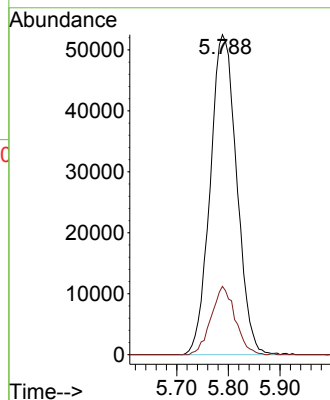
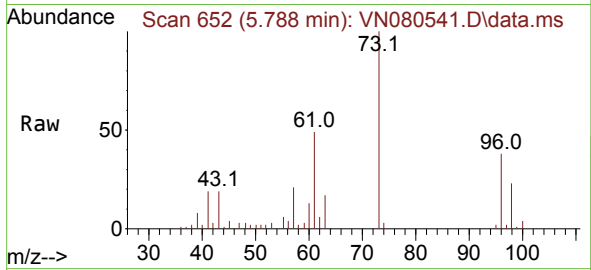




#19
Methyl tert-butyl Ether
Concen: 17.559 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

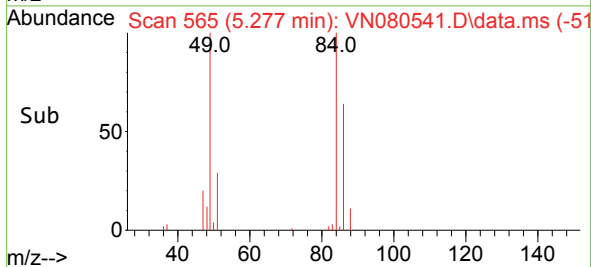
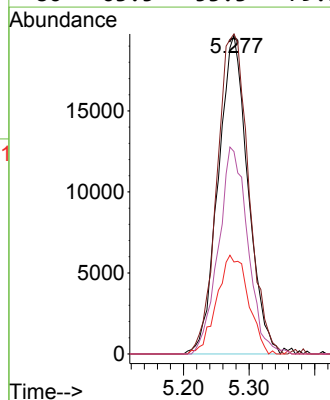
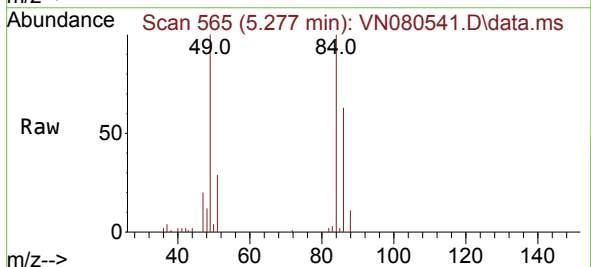
Instrument :
MSVOA_N
ClientSampleId :

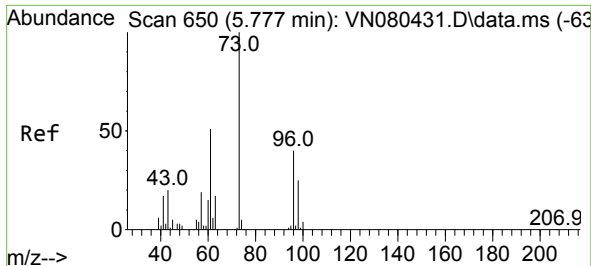
Tgt Ion: 73 Resp: 187113
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4



#20
Methylene Chloride
Concen: 17.158 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

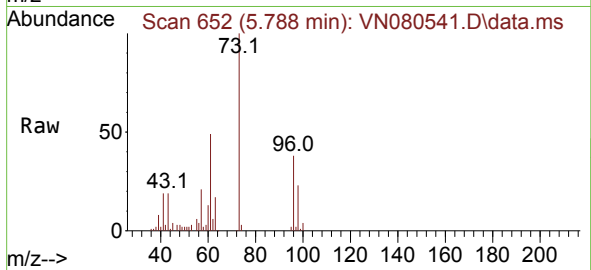
Tgt Ion: 84 Resp: 61785
Ion Ratio Lower Upper
84 100
49 100.4 79.7 119.5
51 28.9 25.2 37.8
86 63.5 53.3 79.9



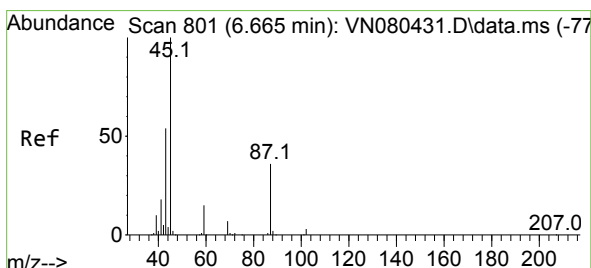
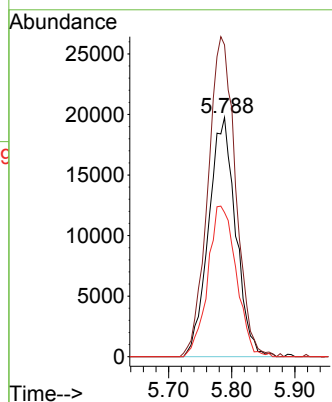
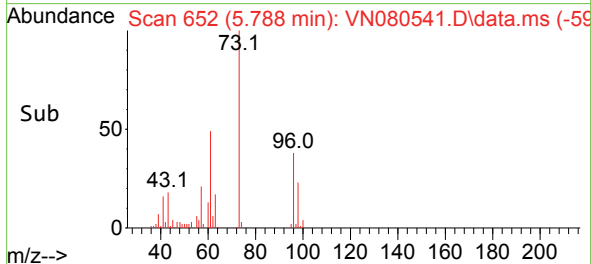


#21
trans-1,2-Dichloroethene
Concen: 17.013 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :

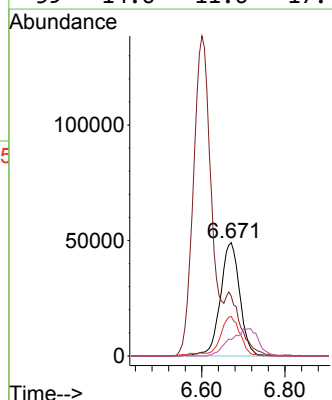
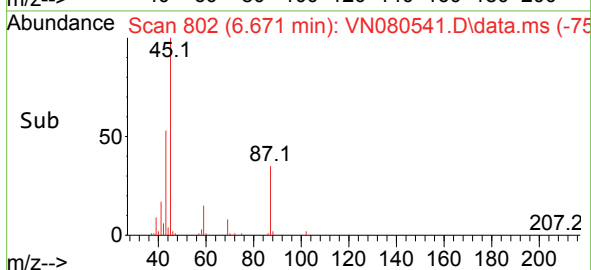
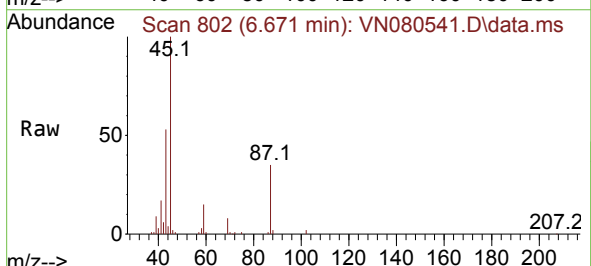


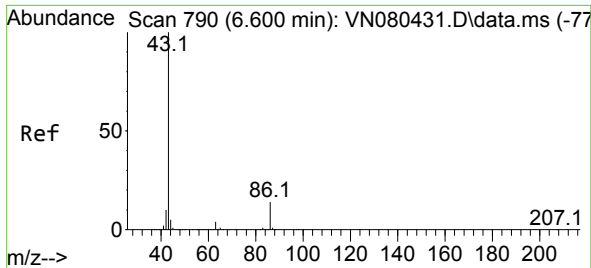
Tgt Ion: 96 Resp: 58921
Ion Ratio Lower Upper
96 100
61 130.3 90.1 135.1
98 60.3 46.4 69.6



#22
Diisopropyl ether
Concen: 18.625 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

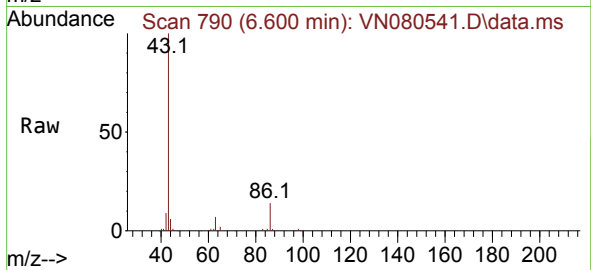
Tgt Ion: 45 Resp: 158856
Ion Ratio Lower Upper
45 100
43 52.2 45.5 68.3
87 34.9 31.8 47.8
59 14.6 11.6 17.4



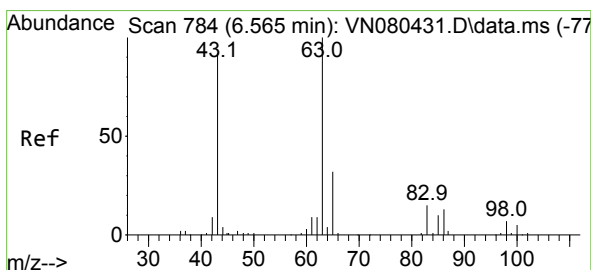
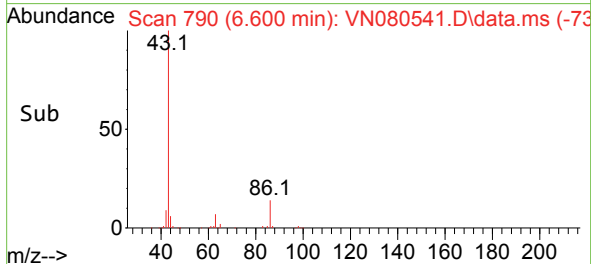
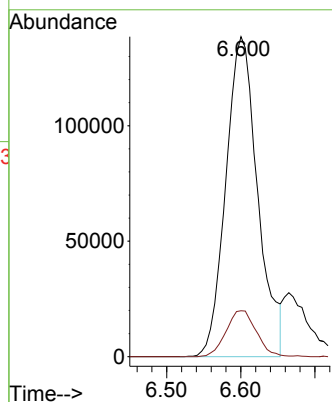


#23
 Vinyl Acetate
 Concen: 84.655 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

Instrument :
 MSVOA_N
 ClientSampleId :

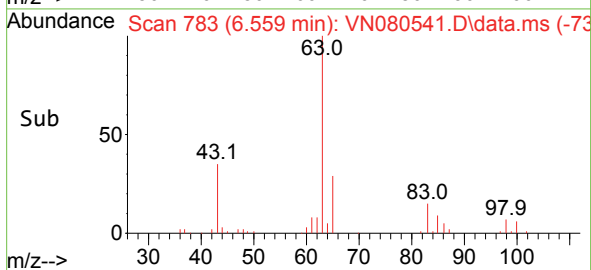
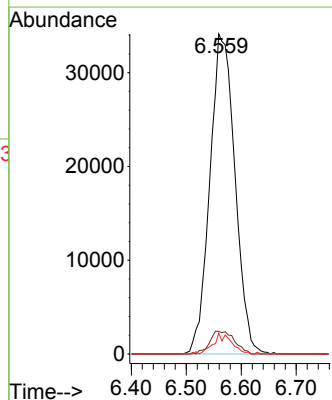
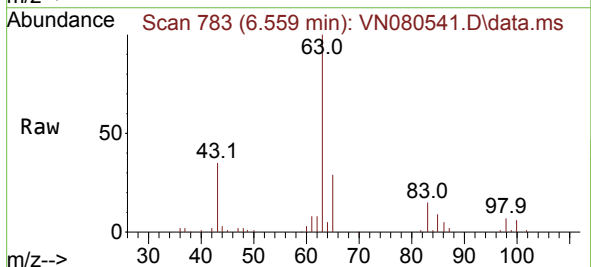


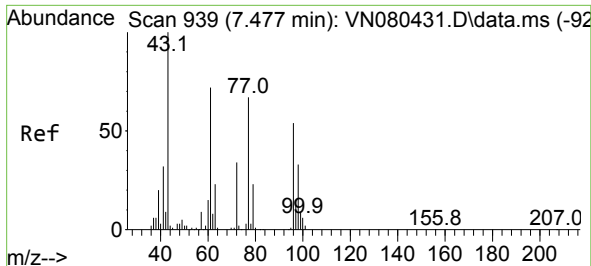
Tgt Ion: 43 Resp: 414700
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 18.211 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

Tgt Ion: 63 Resp: 108371
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 6.4 2.5 7.4

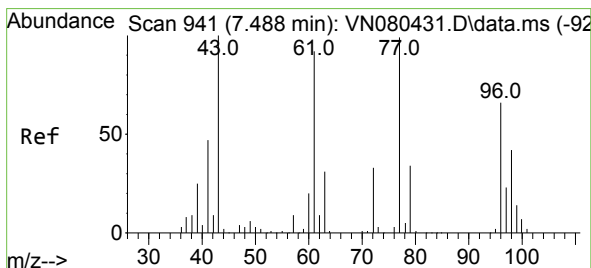
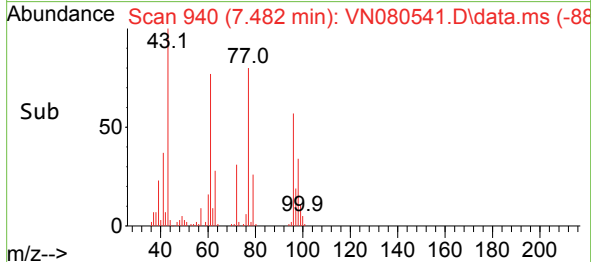
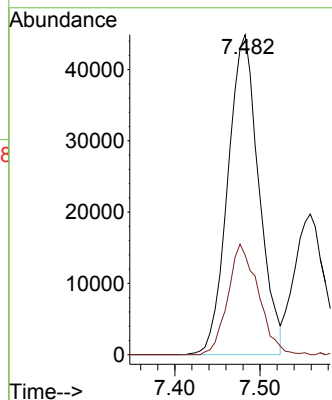
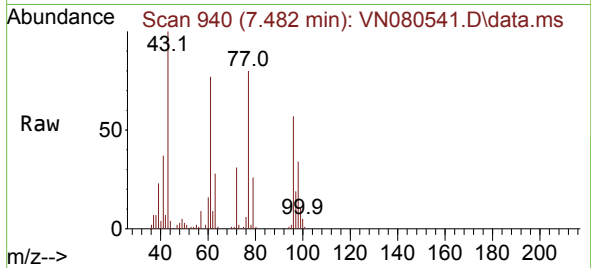




#25
2-Butanone
Concen: 87.542 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

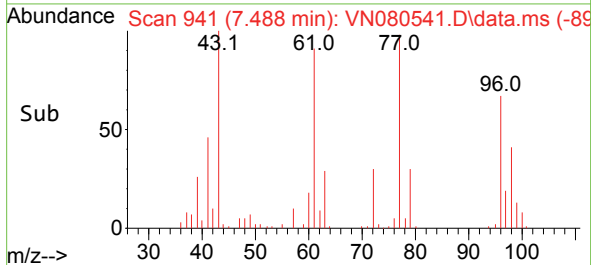
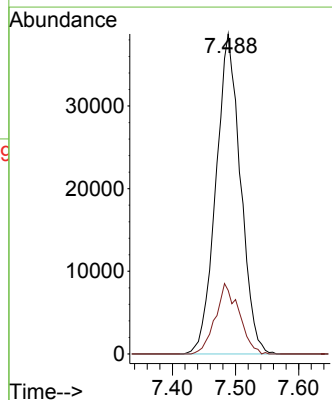
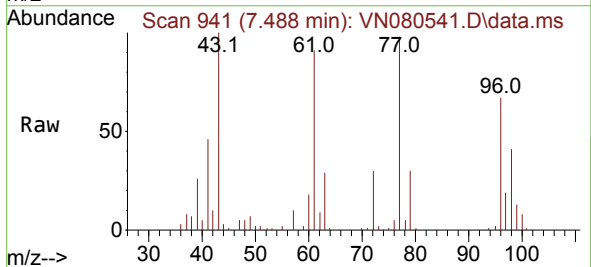
Instrument :
MSVOA_N
ClientSampleId :

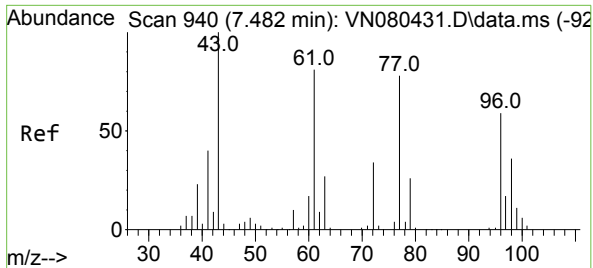
Tgt Ion: 43 Resp: 113476
Ion Ratio Lower Upper
43 100
72 31.1 30.2 45.2



#26
2,2-Dichloropropane
Concen: 17.173 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 77 Resp: 104498
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6

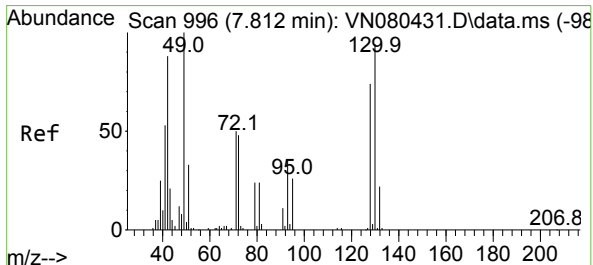
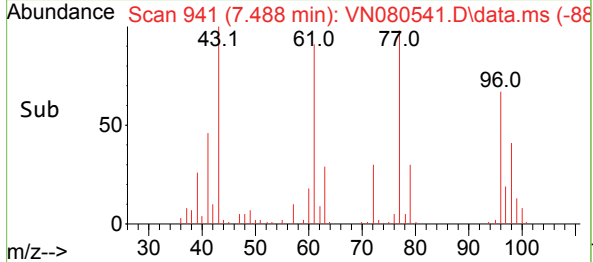
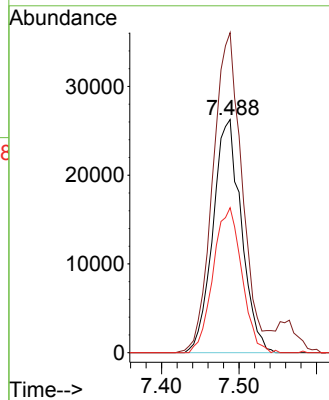
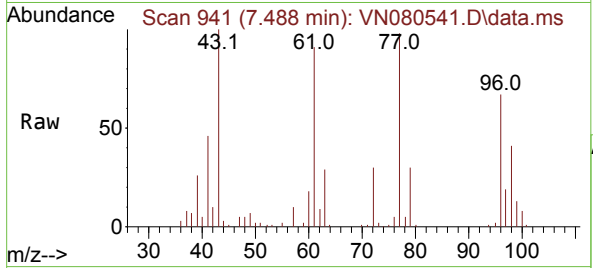




#27
 cis-1,2-Dichloroethene
 Concen: 17.079 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

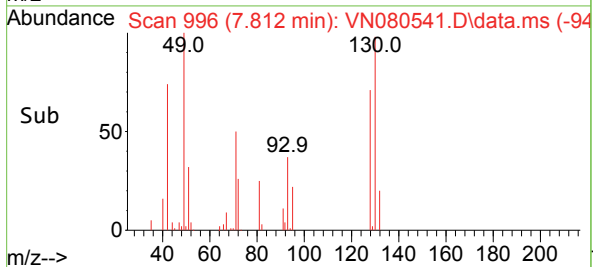
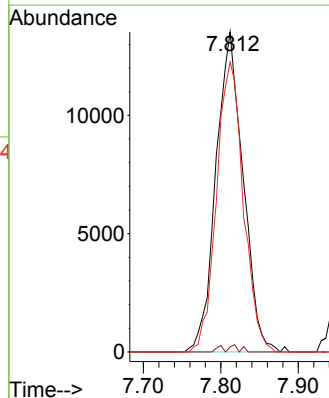
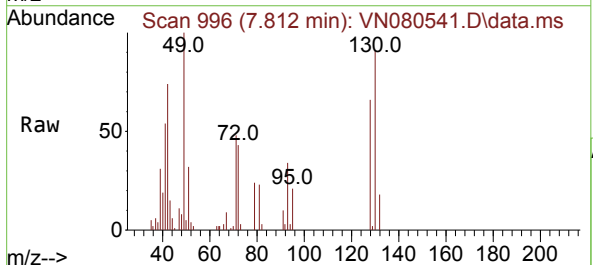
Instrument :
 MSVOA_N
 ClientSampleId :

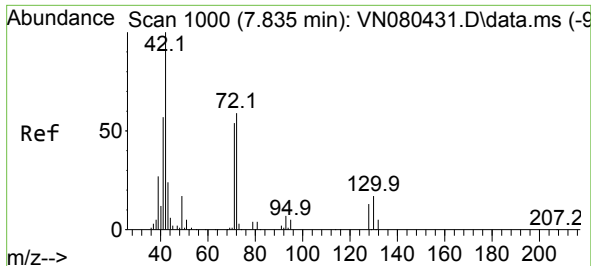
Tgt Ion: 96 Resp: 66956
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 255.2
 98 62.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 14.450 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

Tgt Ion: 49 Resp: 33015
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 89.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 85.428 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

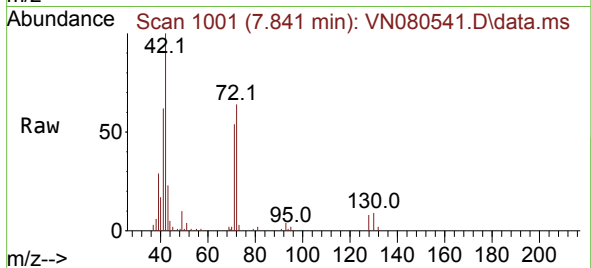
Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

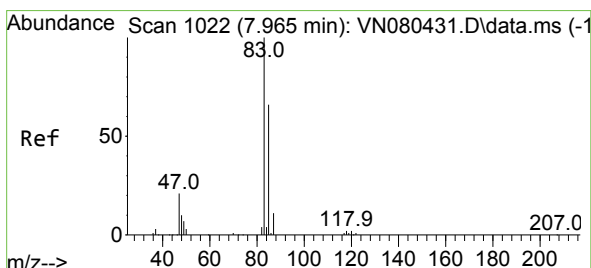
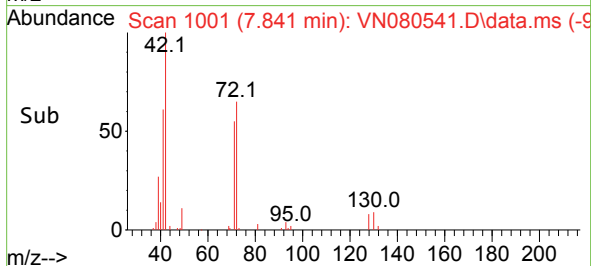
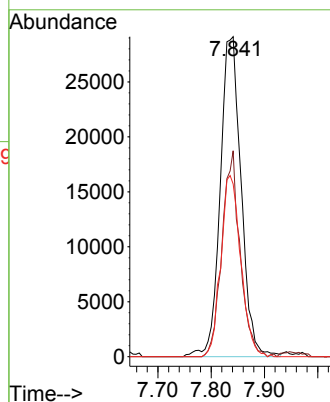
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	79296
Ion Ratio	Lower	Upper	
42	100		
72	55.6	49.8	74.6
71	54.0	47.4	71.2



#30

Chloroform

Concen: 18.168 ug/l

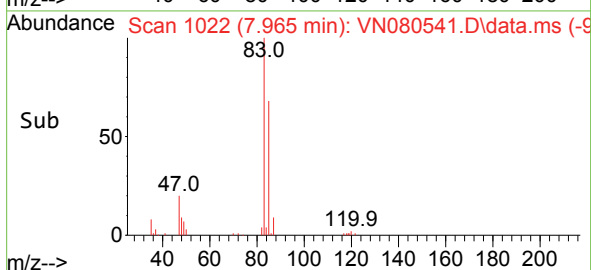
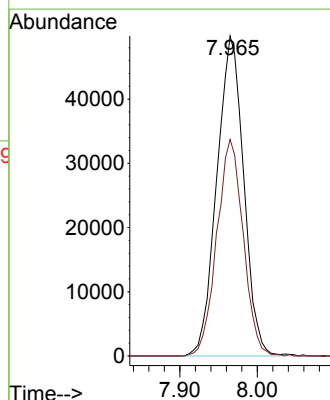
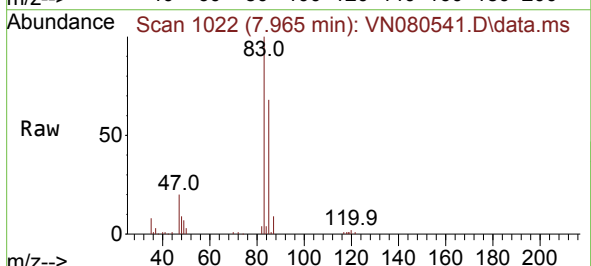
RT: 7.965 min Scan# 1022

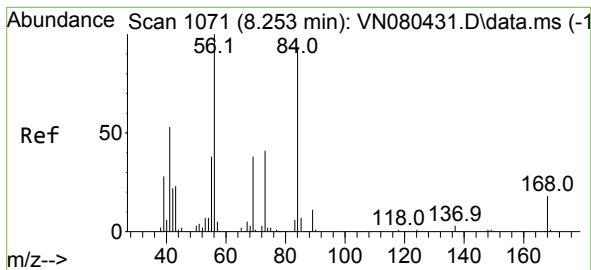
Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

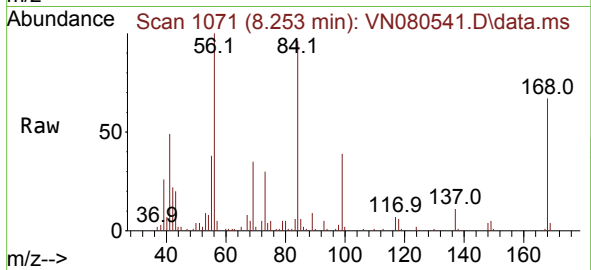
Tgt Ion:	83	Resp:	120013
Ion Ratio	Lower	Upper	
83	100		
85	67.7	55.4	83.0



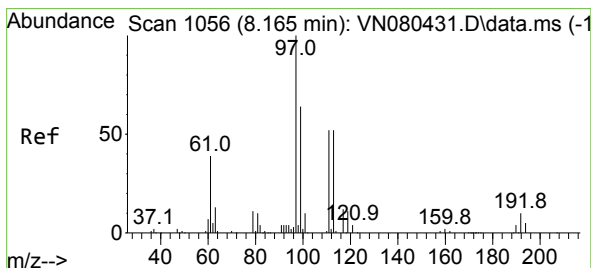
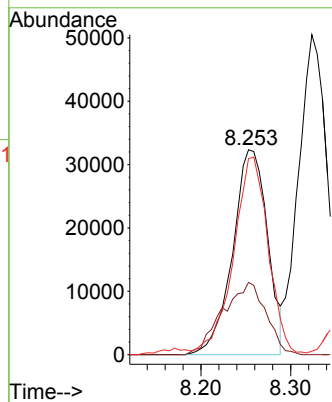
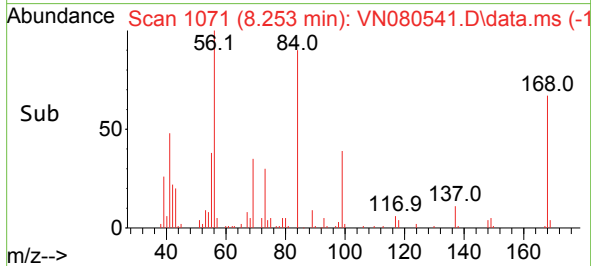


#31
Cyclohexane
Concen: 16.959 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

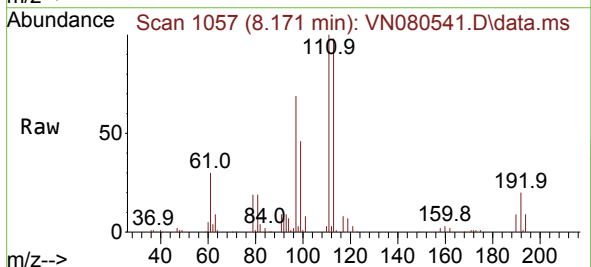
Instrument :
MSVOA_N
ClientSampleId :



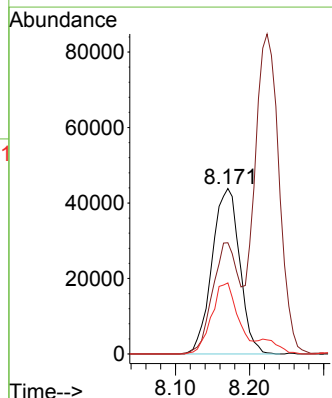
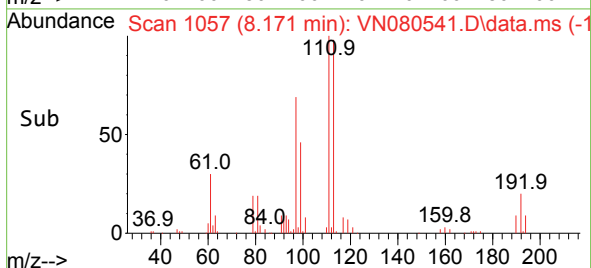
Tgt Ion: 56 Resp: 87519
Ion Ratio Lower Upper
56 100
69 35.3 26.8 40.2
84 93.3 81.8 122.6

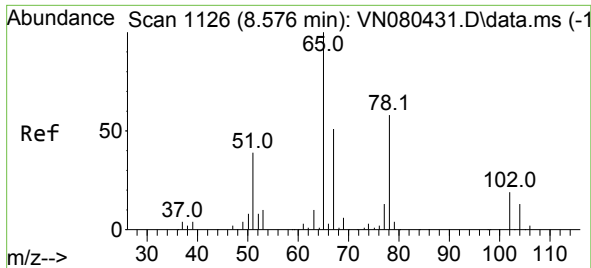


#32
1,1,1-Trichloroethane
Concen: 17.572 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58



Tgt Ion: 97 Resp: 113647
Ion Ratio Lower Upper
97 100
99 61.6 50.3 75.5
61 41.4 34.7 52.1

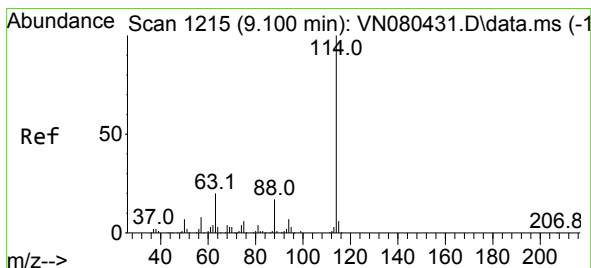
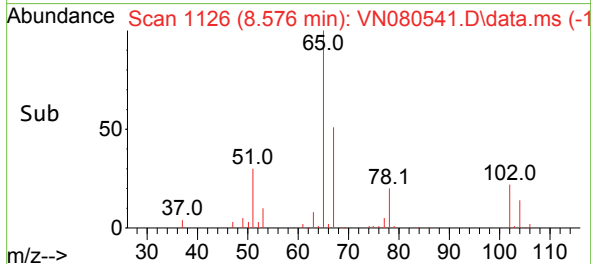
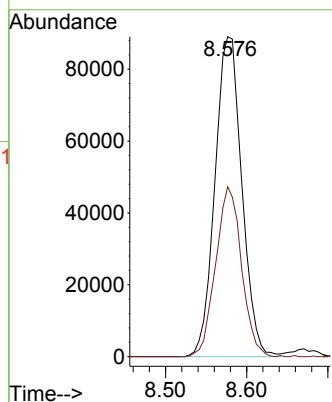
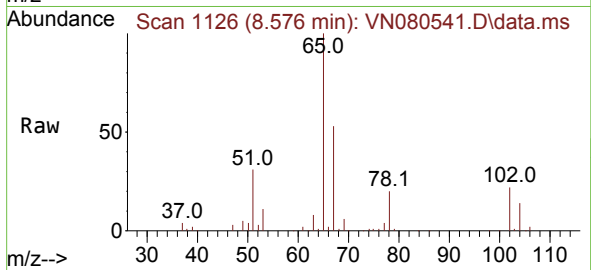




#33
 1,2-Dichloroethane-d4
 Concen: 53.975 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

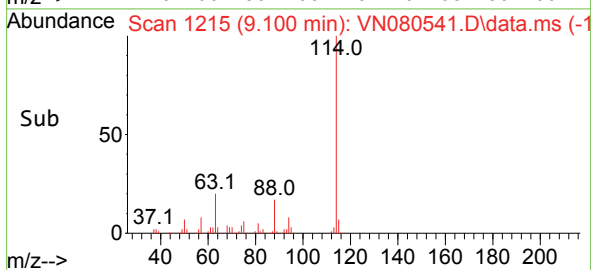
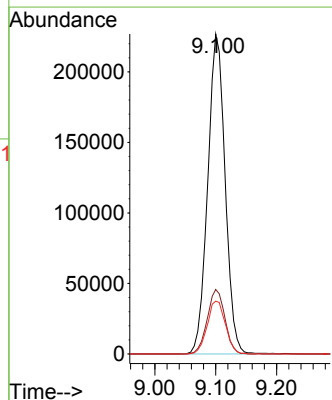
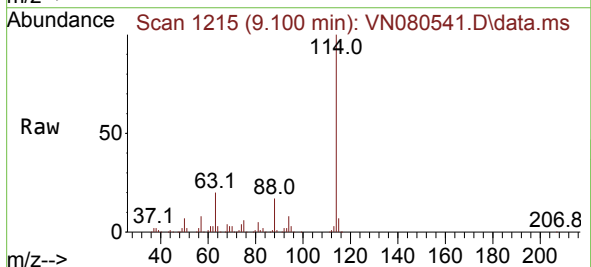
Instrument :
 MSVOA_N
 ClientSampleId :

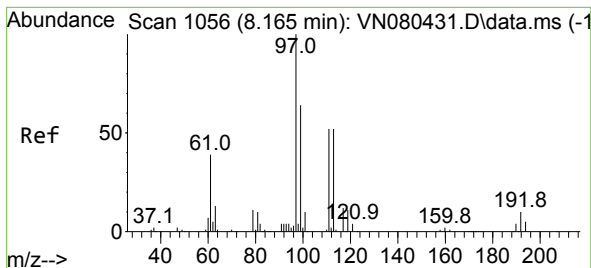
Tgt Ion: 65 Resp: 204830
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

Tgt Ion: 114 Resp: 451292
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 36.4
 88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.795 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

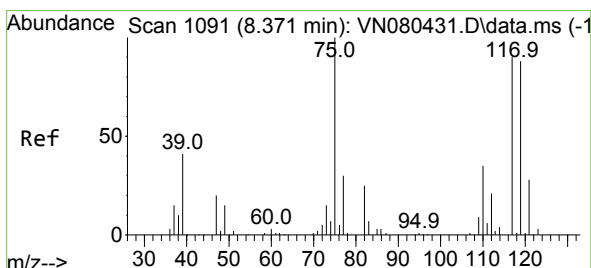
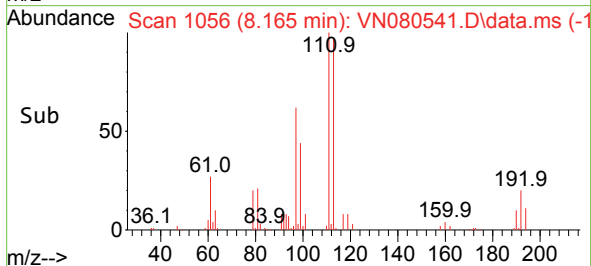
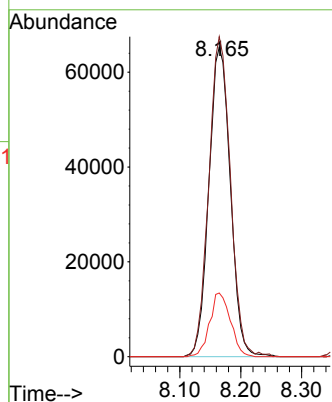
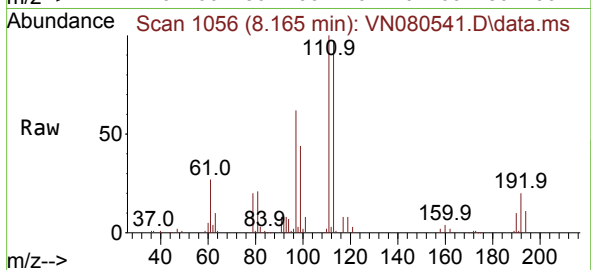
Tgt Ion:113 Resp: 159649

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 19.9 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 17.970 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

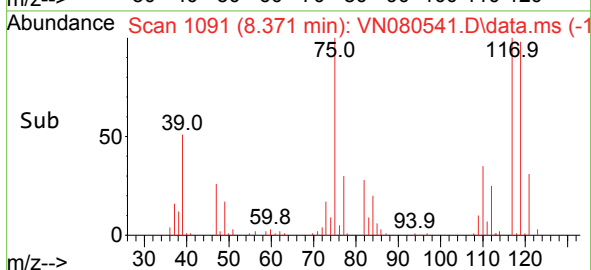
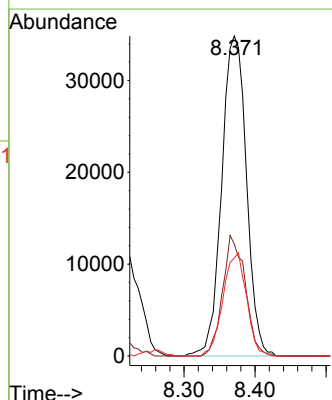
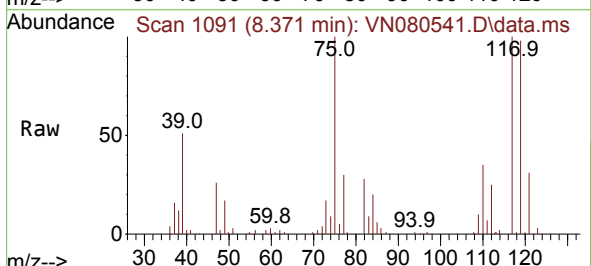
Tgt Ion: 75 Resp: 84072

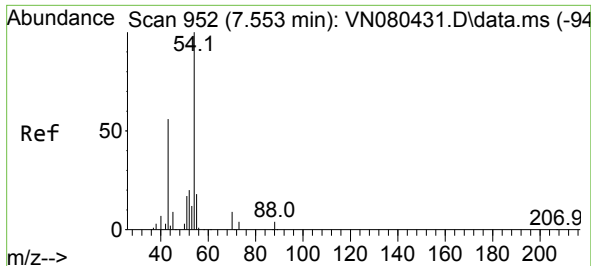
Ion Ratio Lower Upper

75 100

110 34.5 19.1 57.3

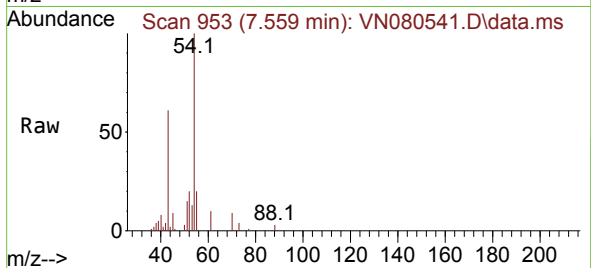
77 30.6 25.0 37.4



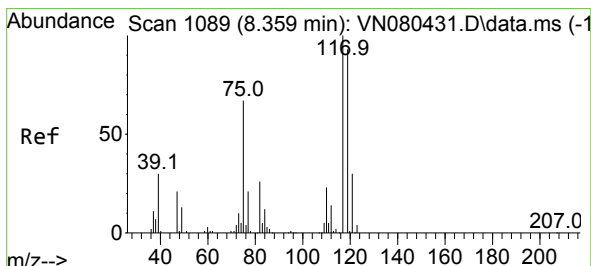
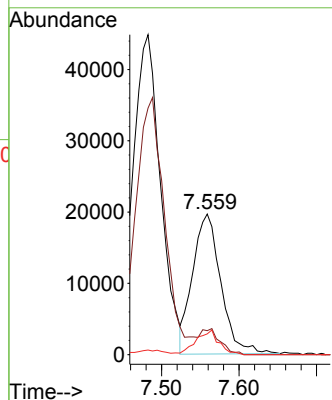
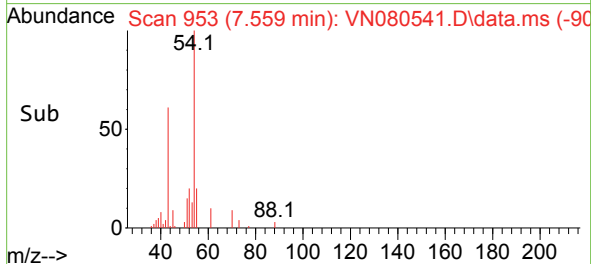


#37
Ethyl Acetate
Concen: 16.945 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :

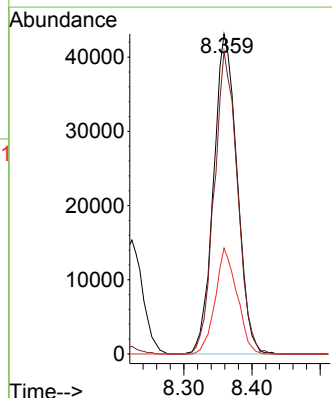
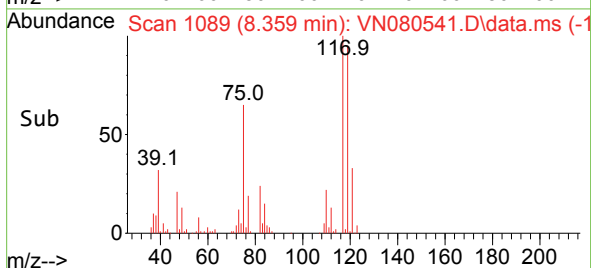
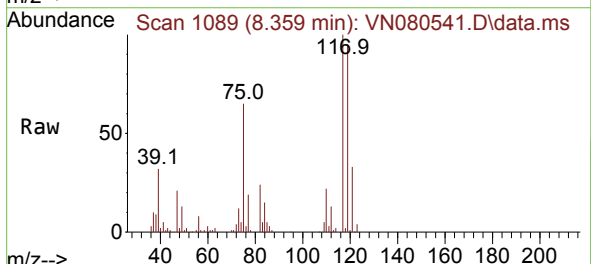


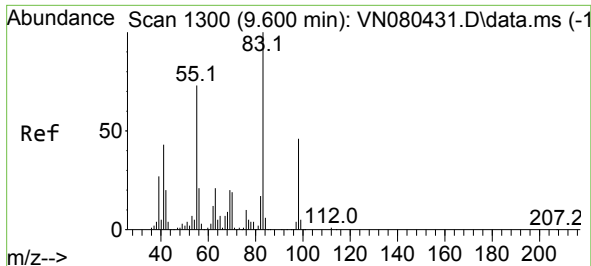
Tgt Ion: 43 Resp: 49645
Ion Ratio Lower Upper
43 100
61 12.1 13.2 19.8#
70 14.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 18.532 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

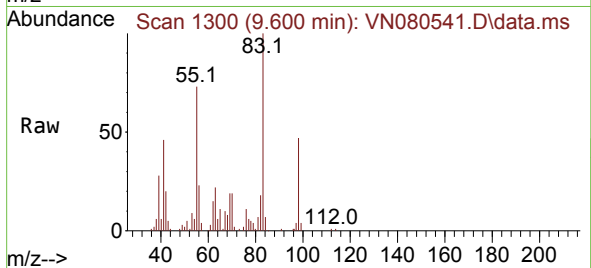
Tgt Ion: 117 Resp: 103601
Ion Ratio Lower Upper
117 100
119 94.6 77.3 115.9
121 33.1 23.3 34.9



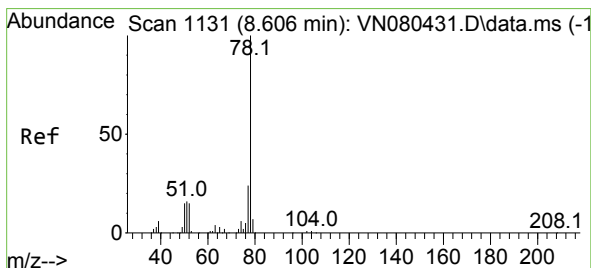
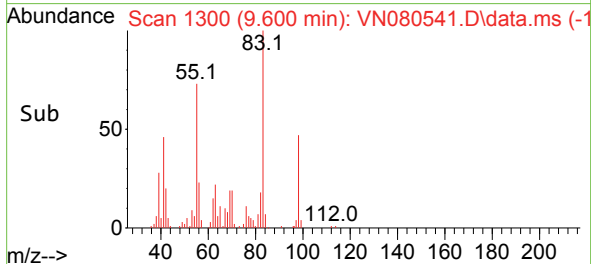
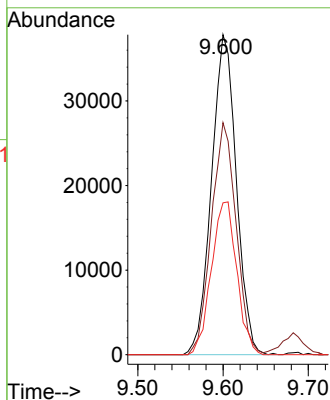


#39
Methylcyclohexane
Concen: 15.730 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :

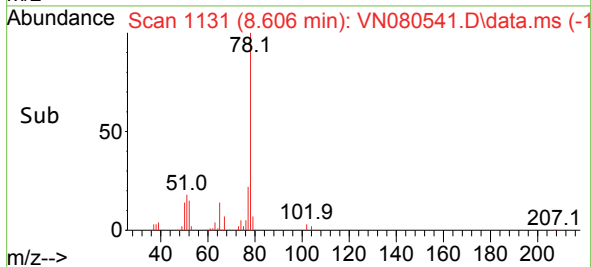
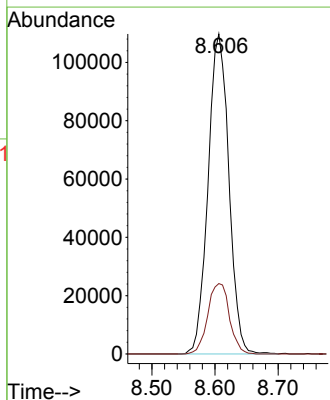
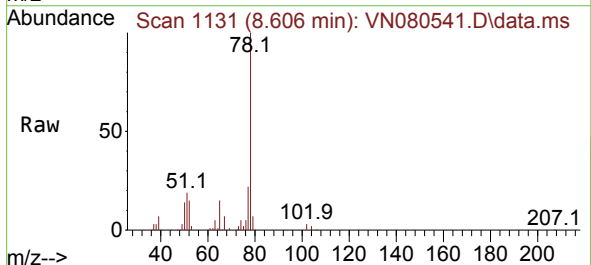


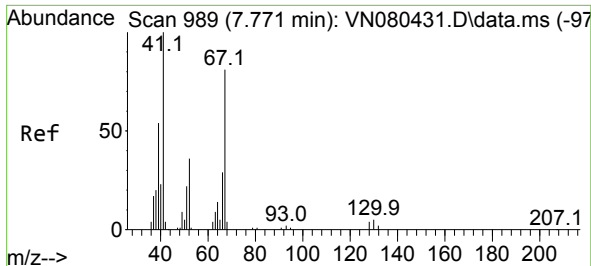
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.5	49.1	73.7
98	47.5	40.6	61.0



#40
Benzene
Concen: 18.566 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

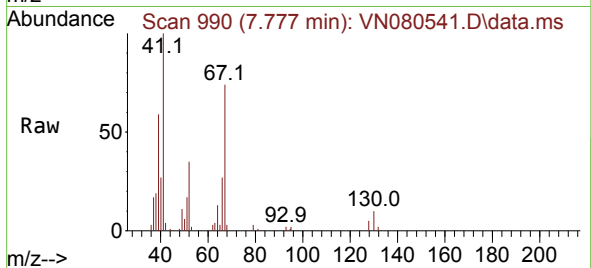
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.6



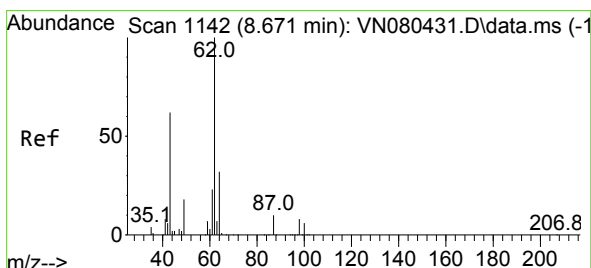
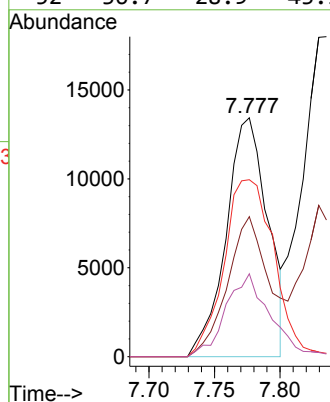
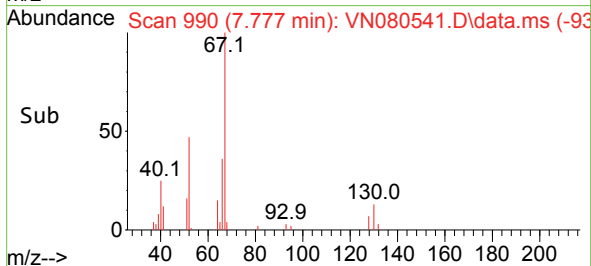


#41
Methacrylonitrile
Concen: 17.591 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :

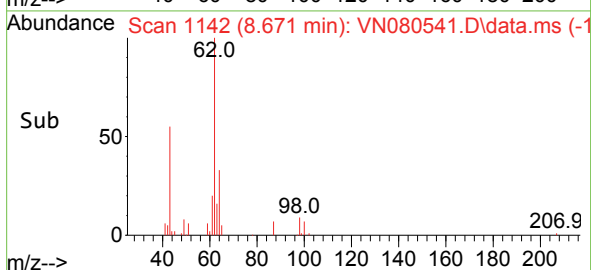
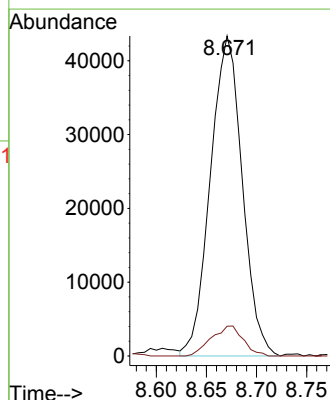
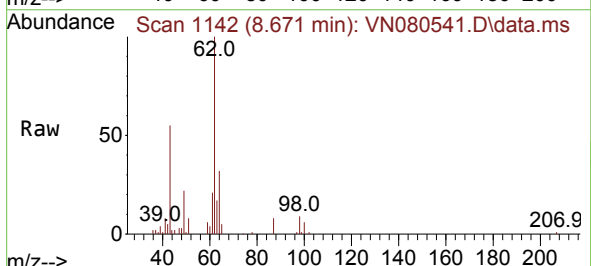


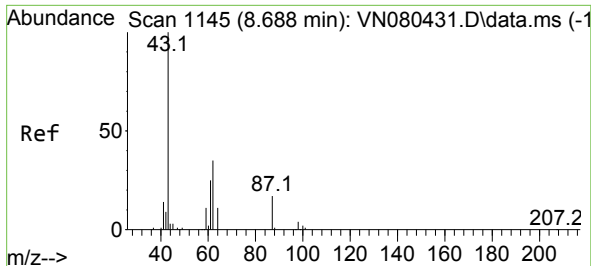
Tgt Ion:	41	Resp:	29712
Ion Ratio	Lower	Upper	
41	100		
39	60.4	42.6	64.0
67	88.8	77.5	116.3
52	36.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.158 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion:	62	Resp:	95845
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	19.8

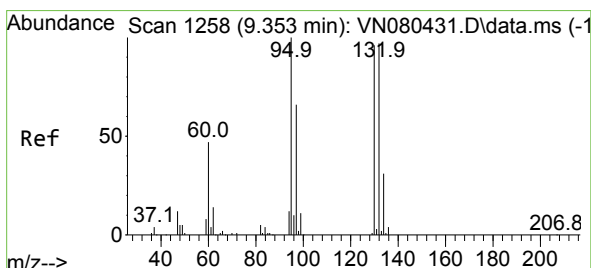
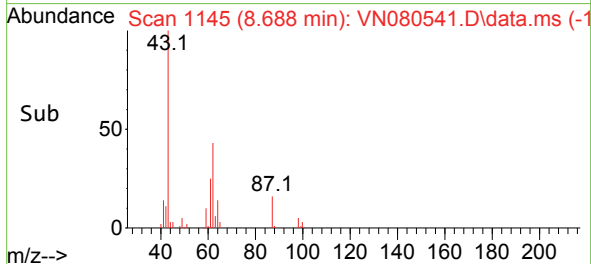
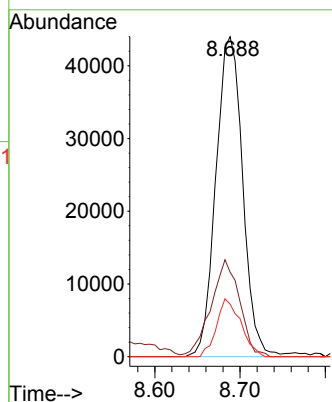
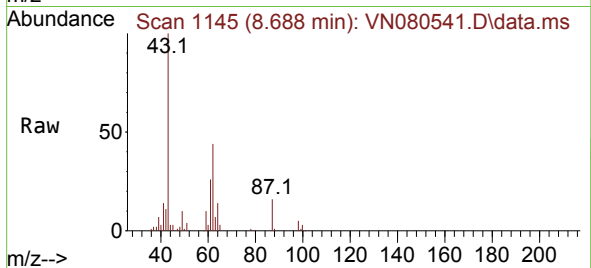




#43
Isopropyl Acetate
Concen: 18.217 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

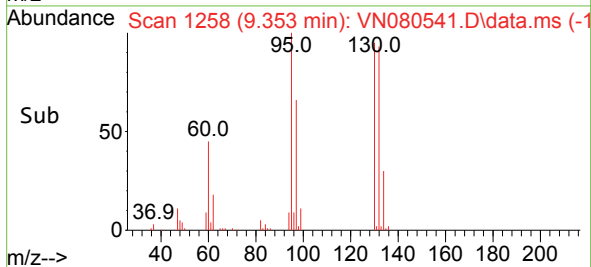
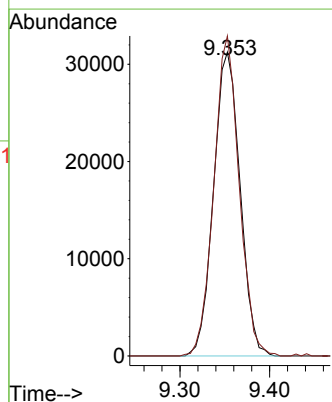
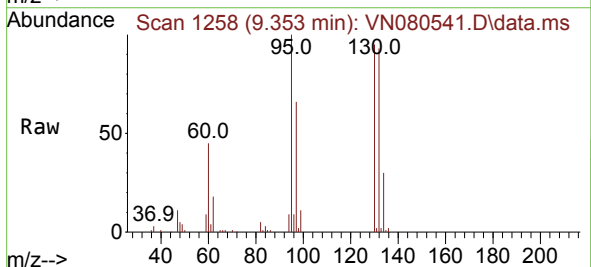
Instrument :
MSVOA_N
ClientSampleId :

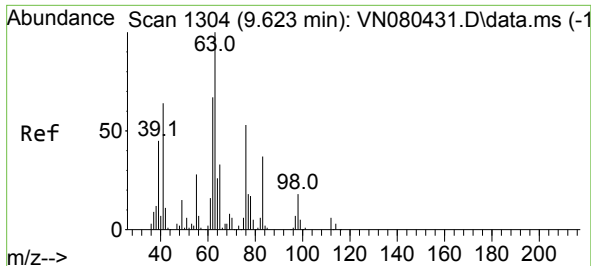
Tgt Ion: 43 Resp: 95962
Ion Ratio Lower Upper
43 100
61 32.5 24.7 37.1
87 16.4 14.6 21.8



#44
Trichloroethene
Concen: 17.568 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion:130 Resp: 63985
Ion Ratio Lower Upper
130 100
95 105.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.713 ug/l

RT: 9.623 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

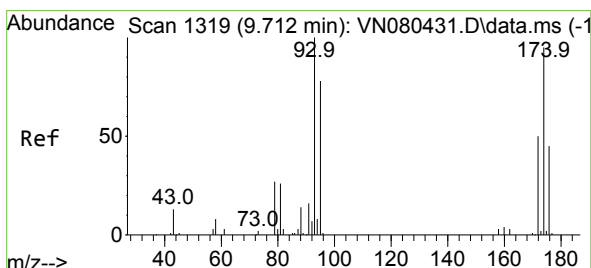
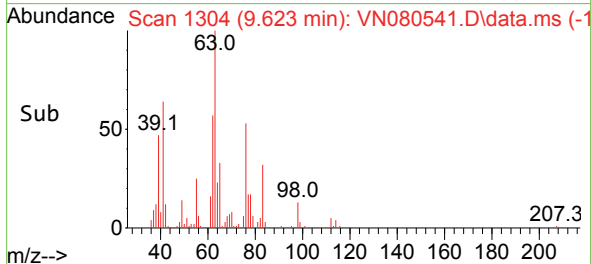
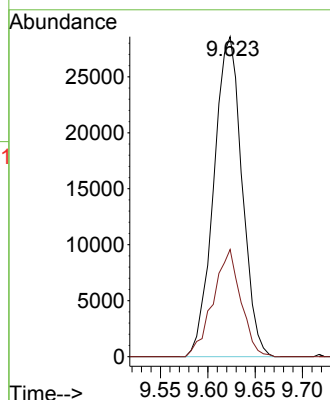
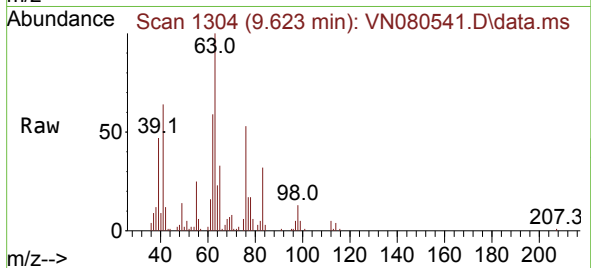
ClientSampleId :

Tgt Ion: 63 Resp: 59376

Ion Ratio Lower Upper

63 100

65 33.5 23.9 35.9



#46

Dibromomethane

Concen: 18.124 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

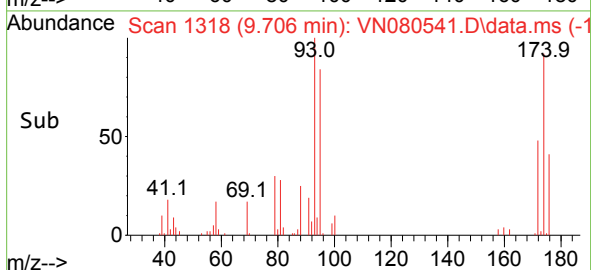
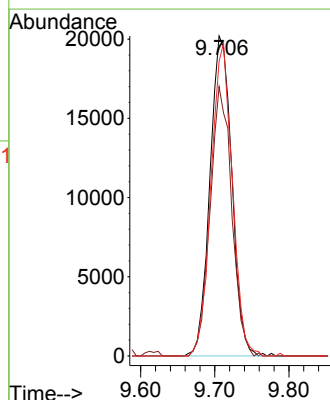
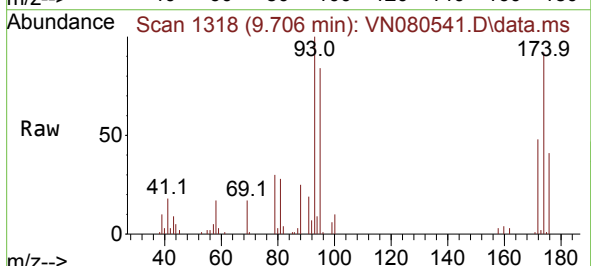
Tgt Ion: 93 Resp: 41299

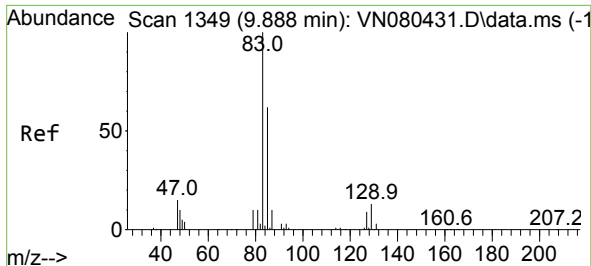
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

174 95.2 65.6 98.4





#47

Bromodichloromethane

Concen: 18.808 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

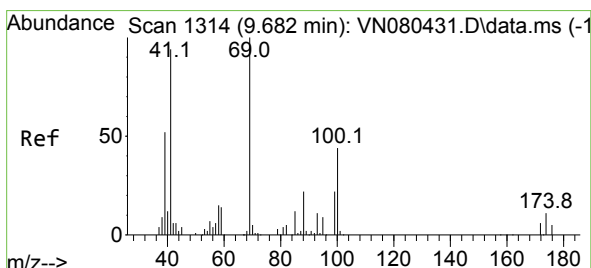
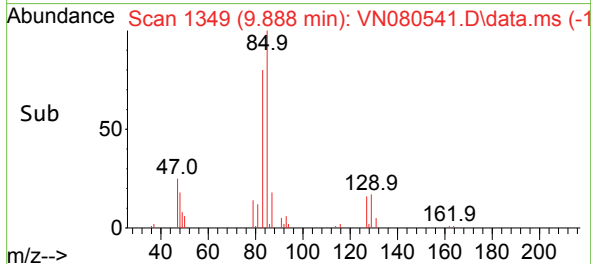
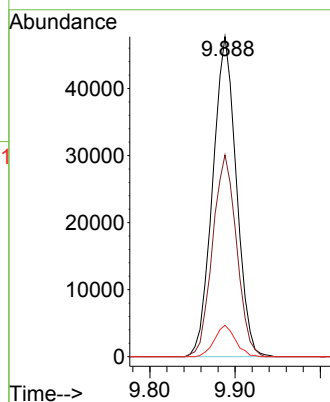
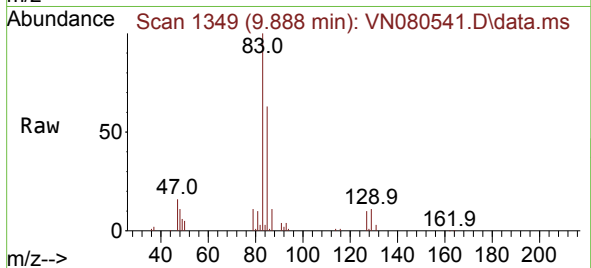
Tgt Ion: 83 Resp: 91851

Ion Ratio Lower Upper

83 100

85 63.1 49.6 74.4

127 9.8 7.0 10.6



#48

Methyl methacrylate

Concen: 17.194 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

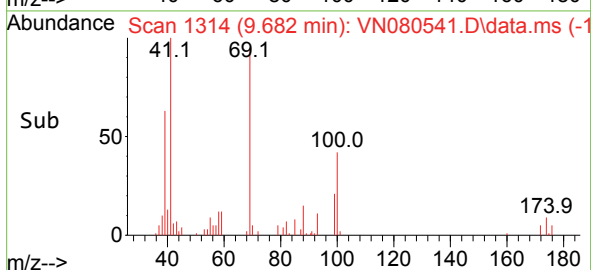
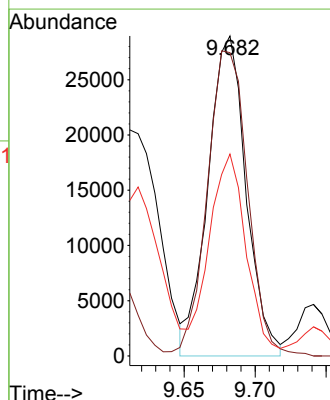
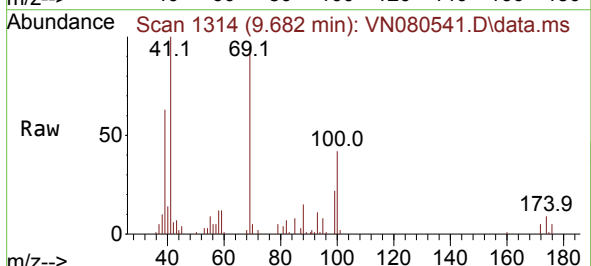
Tgt Ion: 41 Resp: 54051

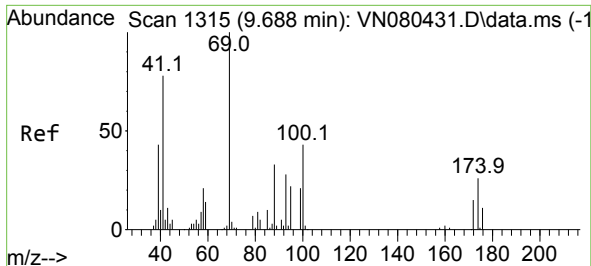
Ion Ratio Lower Upper

41 100

69 101.4 90.4 135.6

39 61.2 54.6 81.8





#49

1,4-Dioxane

Concen: 309.755 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

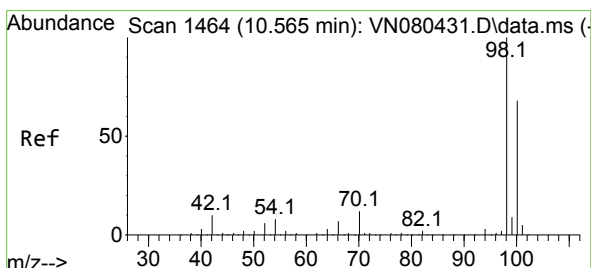
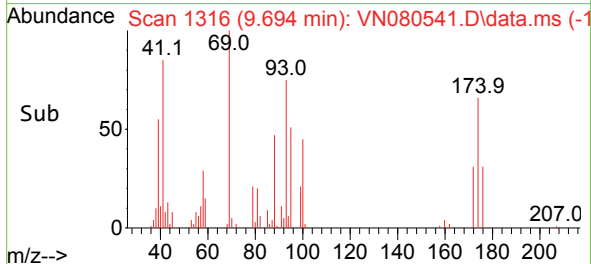
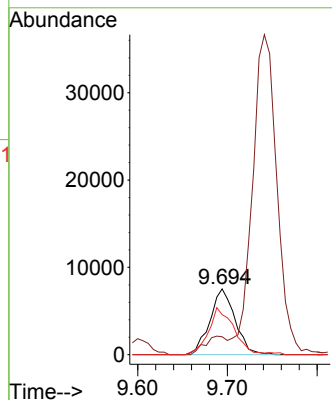
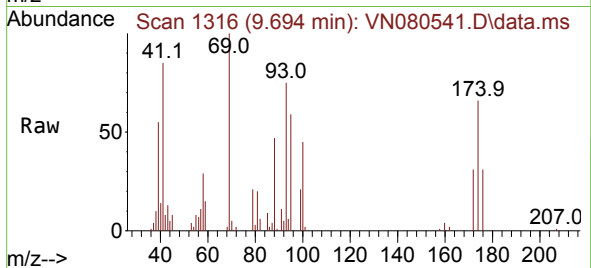
Tgt Ion: 88 Resp: 14759

Ion Ratio Lower Upper

88 100

43 24.8 17.0 25.6

58 71.5 47.0 70.4#



#50

Toluene-d8

Concen: 55.287 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080541.D

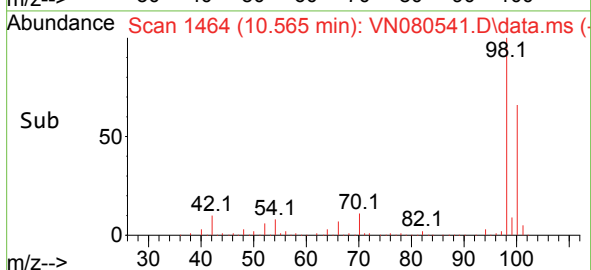
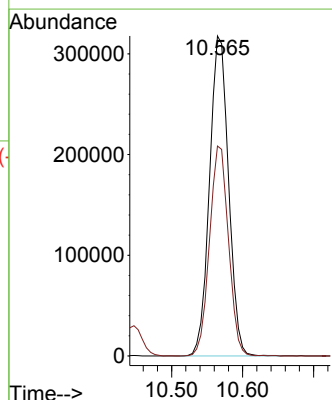
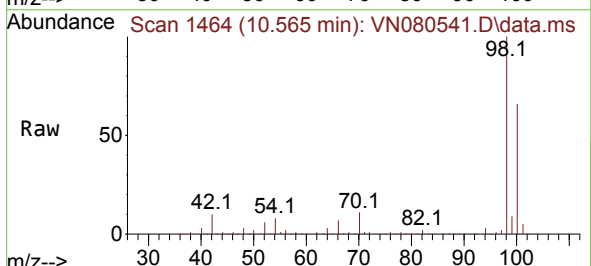
Acq: 20 Dec 2023 12:58

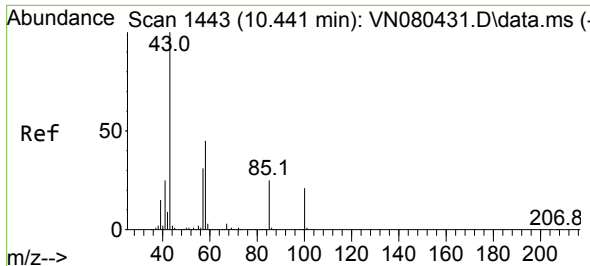
Tgt Ion: 98 Resp: 589997

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 91.343 ug/l

RT: 10.447 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

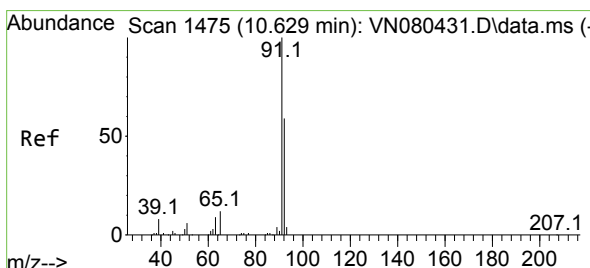
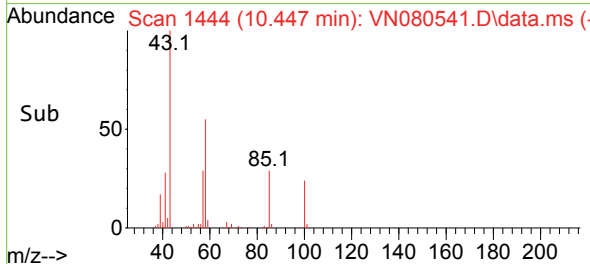
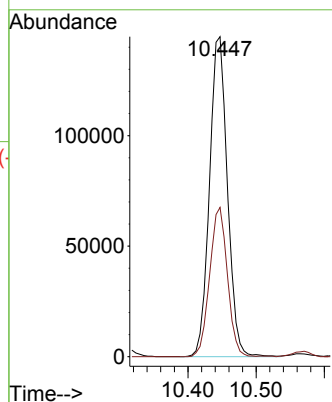
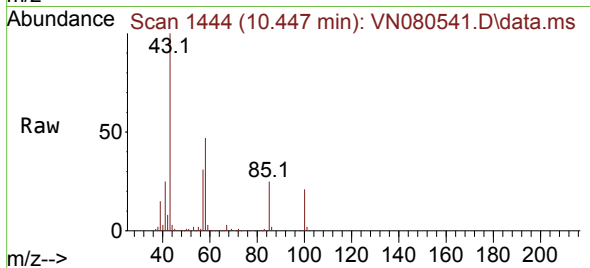
ClientSampleId :

Tgt Ion: 43 Resp: 264998

Ion Ratio Lower Upper

43 100

58 46.1 36.6 54.8



#52

Toluene

Concen: 18.860 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080541.D

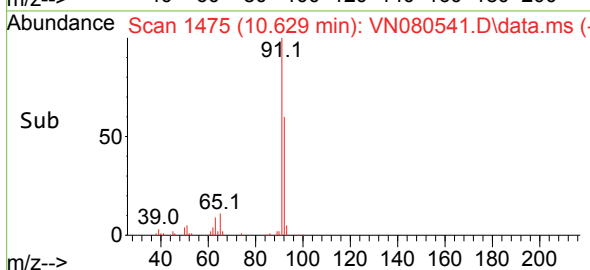
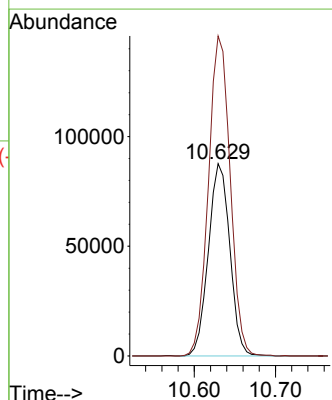
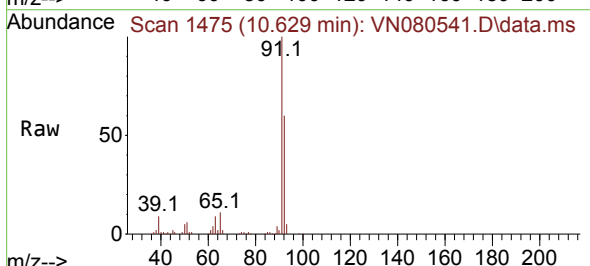
Acq: 20 Dec 2023 12:58

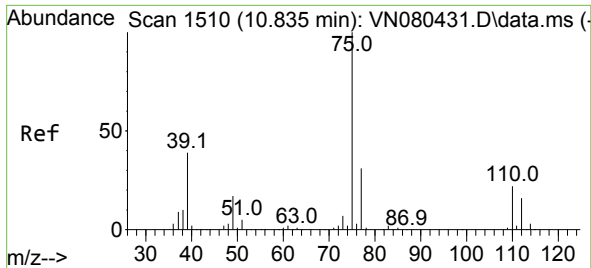
Tgt Ion: 92 Resp: 160965

Ion Ratio Lower Upper

92 100

91 168.6 137.4 206.0

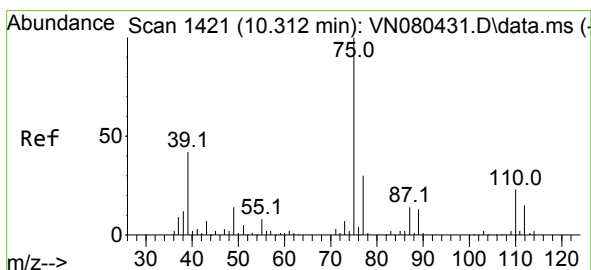
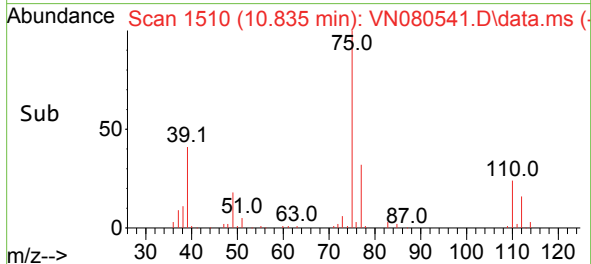
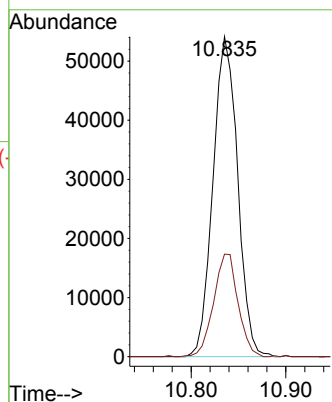
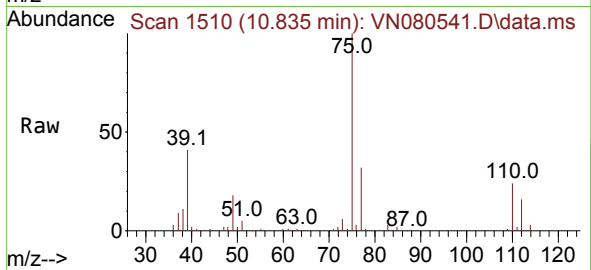




#53
 t-1,3-Dichloropropene
 Concen: 18.488 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

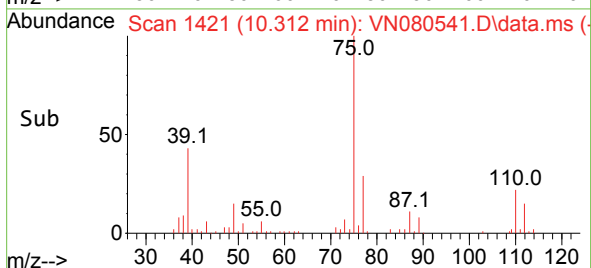
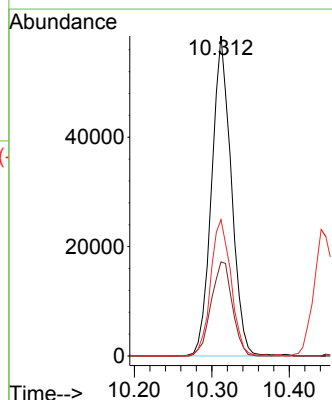
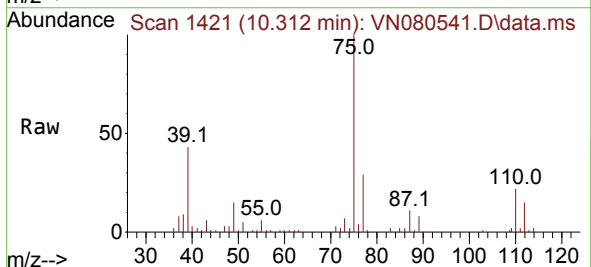
Instrument :
 MSVOA_N
 ClientSampleId :

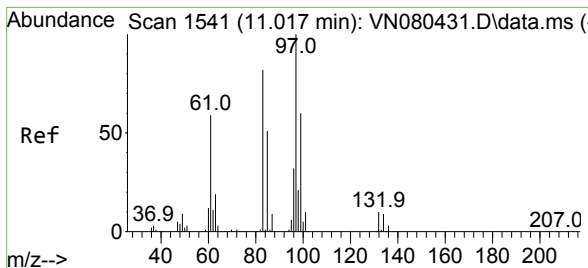
Tgt Ion: 75 Resp: 97688
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.203 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

Tgt Ion: 75 Resp: 102806
 Ion Ratio Lower Upper
 75 100
 77 29.4 26.1 39.1
 39 42.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.751 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 60654

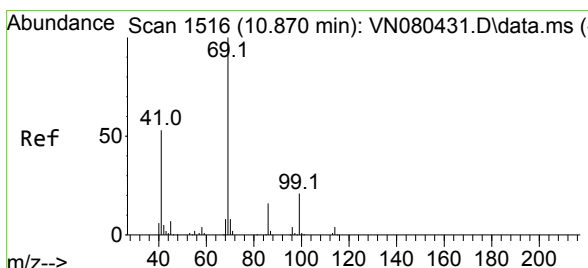
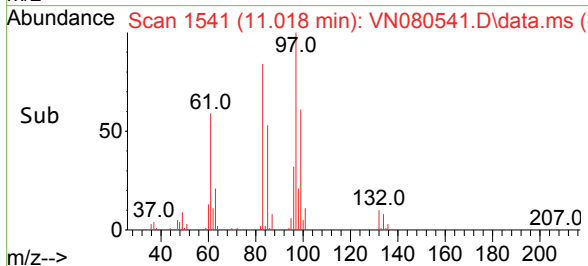
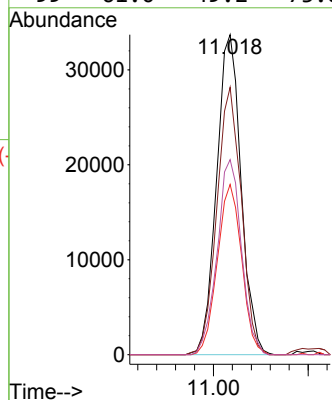
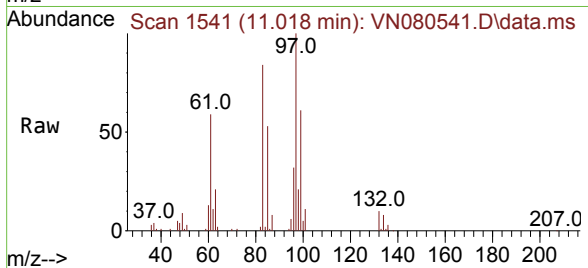
Ion Ratio Lower Upper

97 100

83 83.6 65.1 97.7

85 53.2 43.4 65.2

99 61.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.061 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

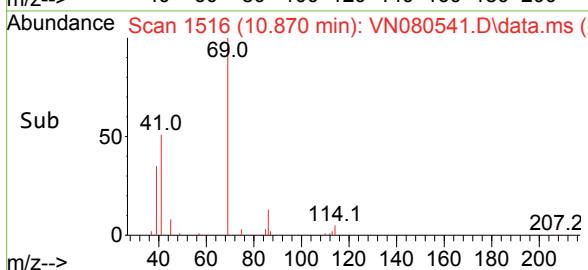
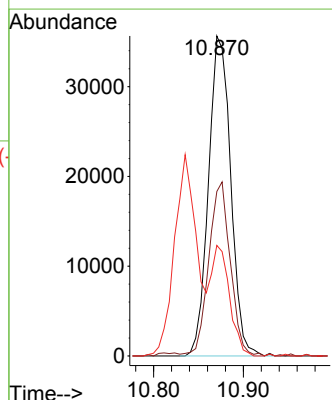
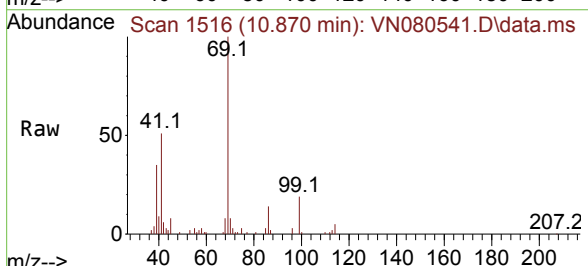
Tgt Ion: 69 Resp: 61406

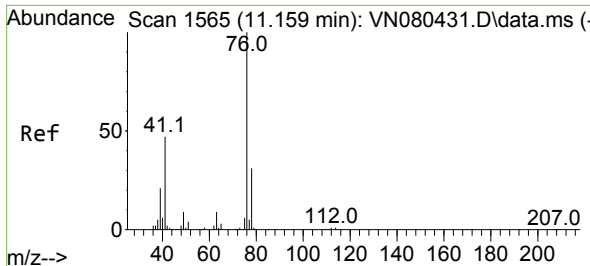
Ion Ratio Lower Upper

69 100

41 52.9 39.6 59.4

39 28.3 28.6 43.0#

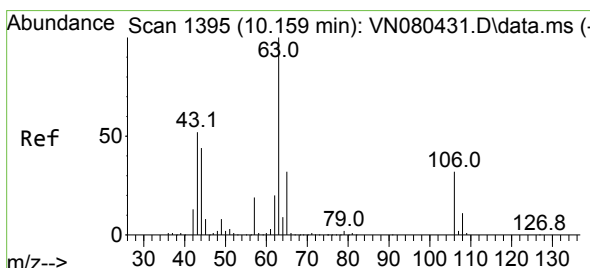
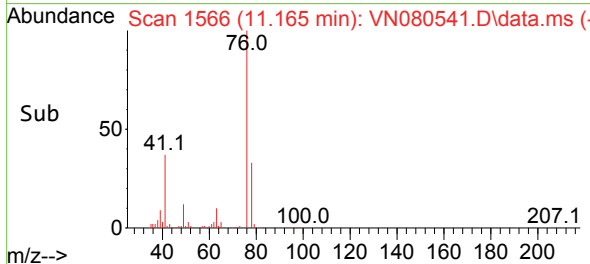
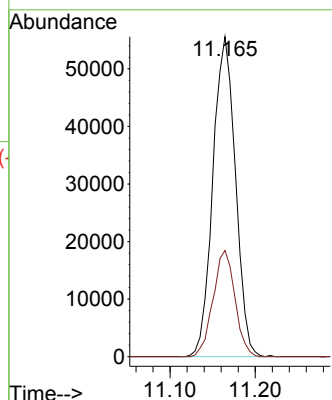
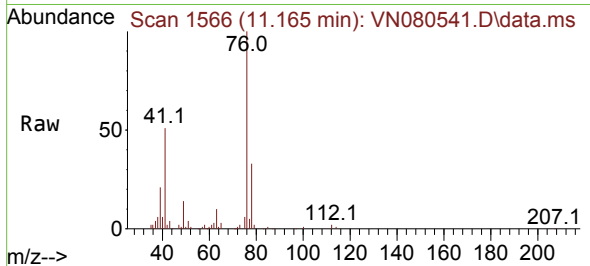




#57
1,3-Dichloropropane
Concen: 19.036 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

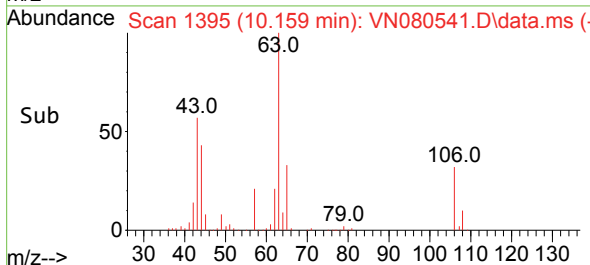
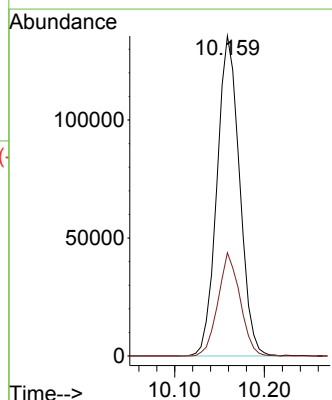
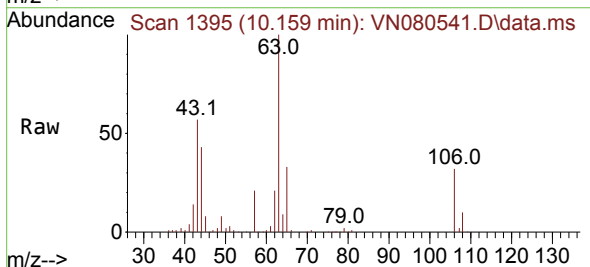
Instrument :
MSVOA_N
ClientSampleId :

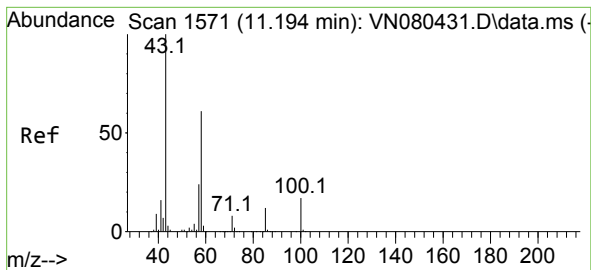
Tgt Ion: 76 Resp: 102479
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 110.488 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 63 Resp: 237152
Ion Ratio Lower Upper
63 100
106 31.4 26.2 39.4

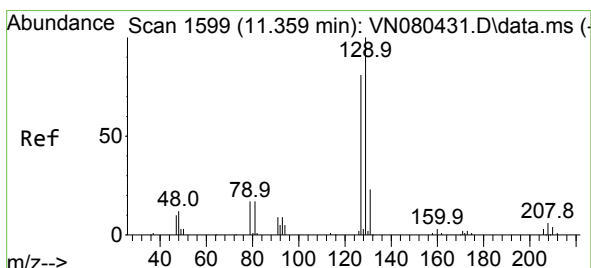
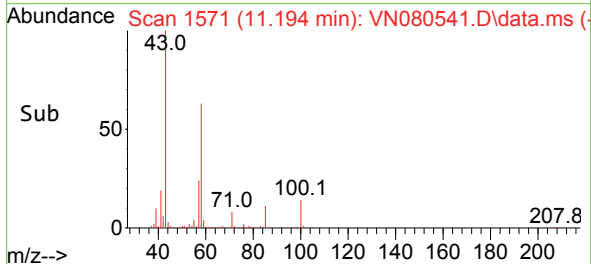
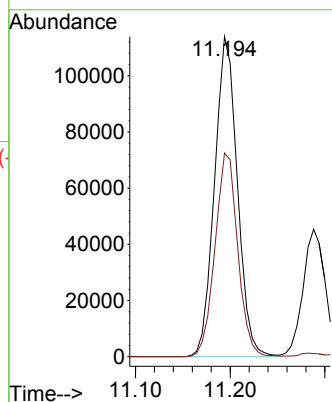
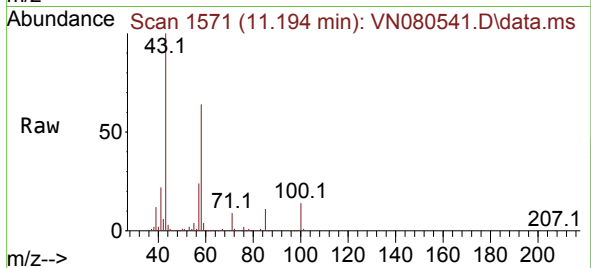




#59
2-Hexanone
Concen: 89.156 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

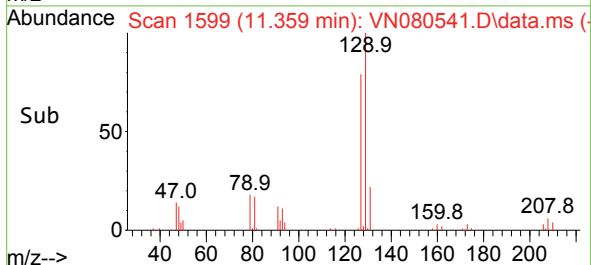
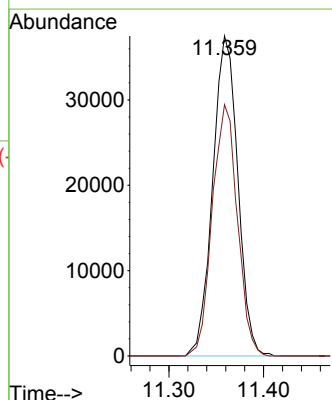
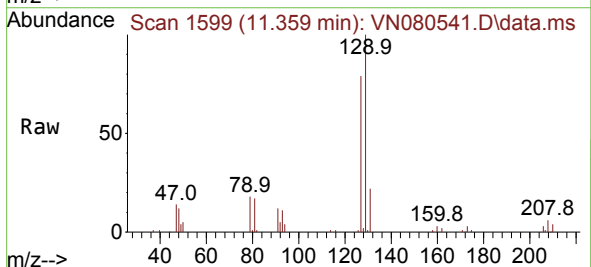
Instrument :
MSVOA_N
ClientSampleId :

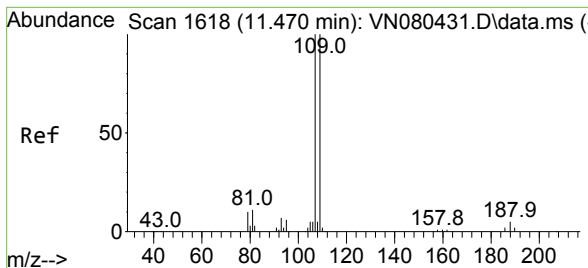
Tgt Ion: 43 Resp: 190951
Ion Ratio Lower Upper
43 100
58 63.4 31.7 95.1



#60
Dibromochloromethane
Concen: 18.973 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 129 Resp: 69044
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

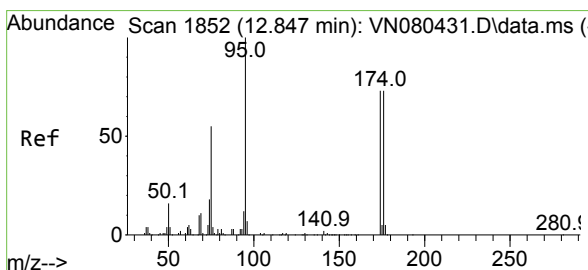
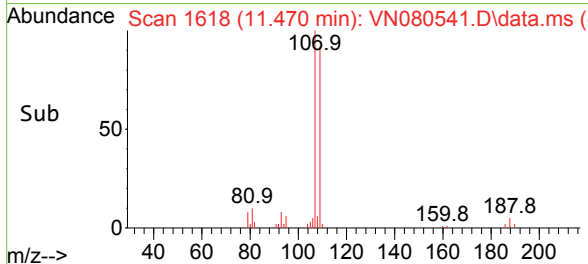
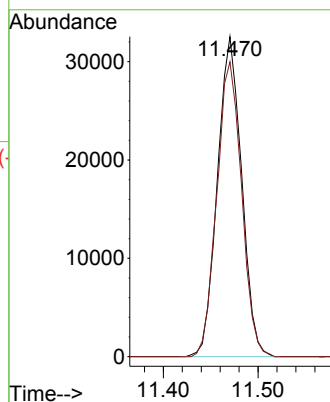
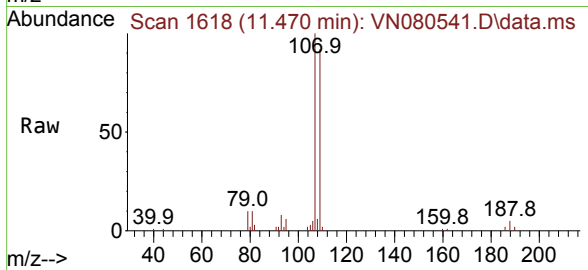




#61
1,2-Dibromoethane
Concen: 18.211 ug/l
RT: 11.470 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

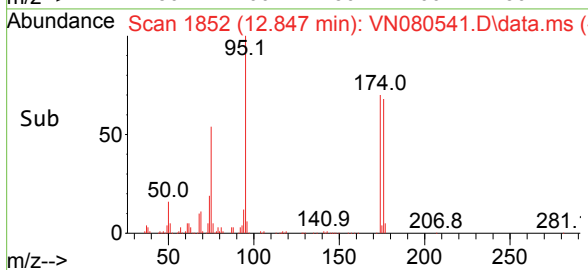
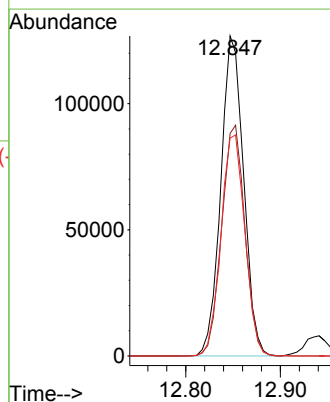
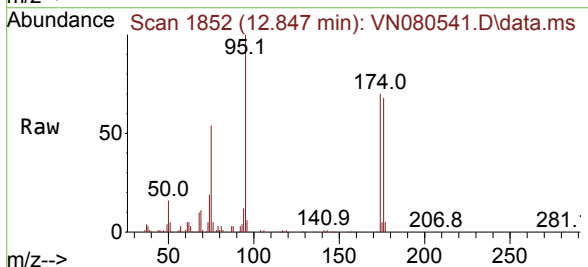
Instrument :
MSVOA_N
ClientSampleId :

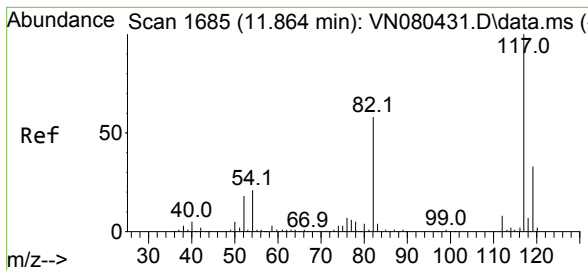
Tgt Ion:107 Resp: 57881
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.396 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 95 Resp: 212320
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 72.2 0.0 135.8

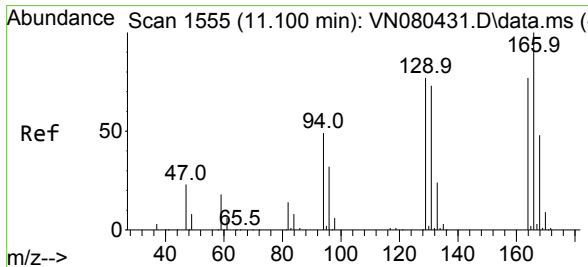
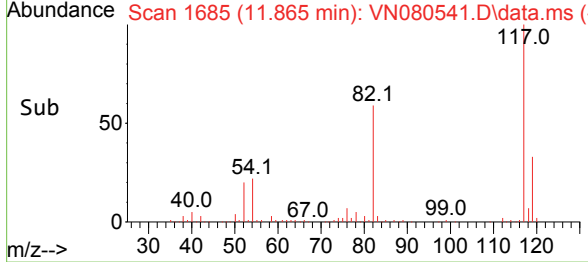
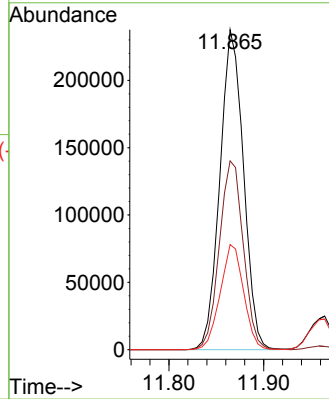
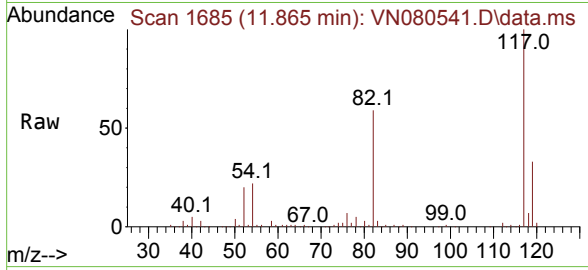




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

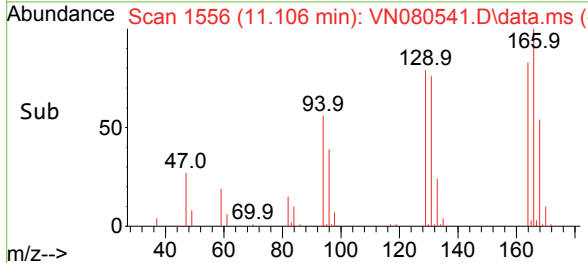
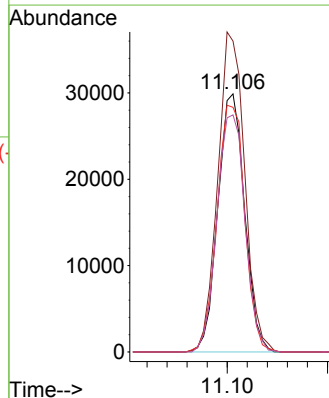
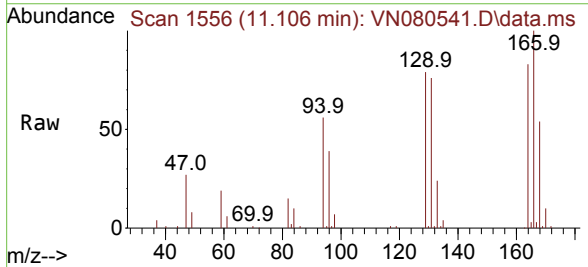
Instrument :
MSVOA_N
ClientSampleId :

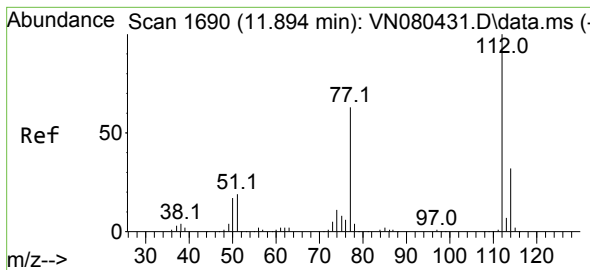
Tgt Ion:117 Resp: 411438
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 17.443 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion:164 Resp: 55412
Ion Ratio Lower Upper
164 100
166 120.5 101.4 152.0
129 94.8 82.4 123.6
131 91.9 78.2 117.4

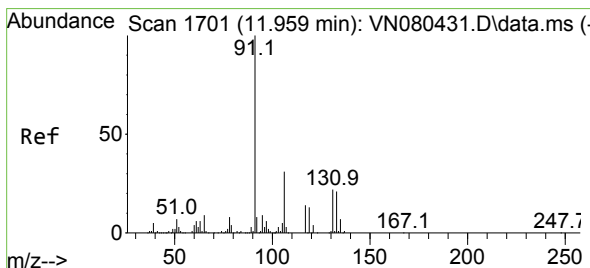
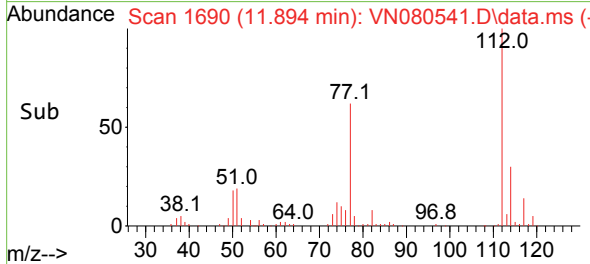
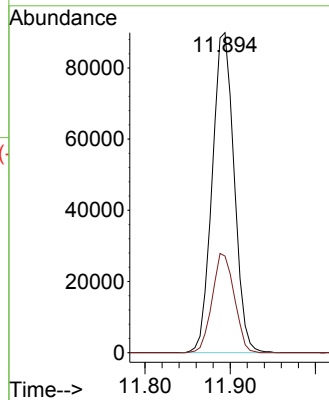
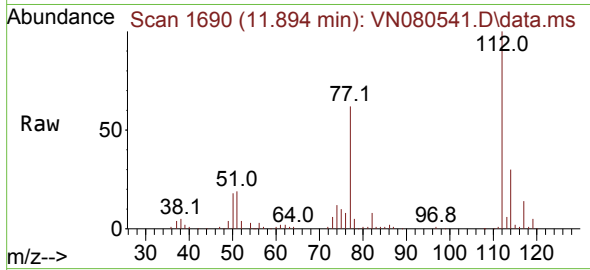




#65
Chlorobenzene
Concen: 17.544 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

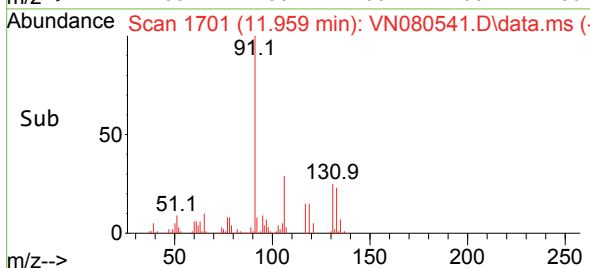
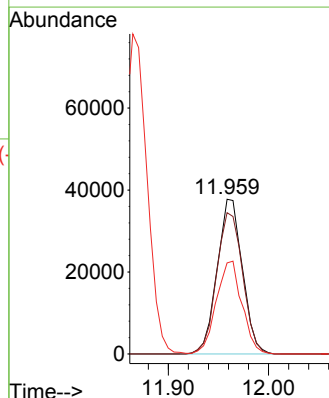
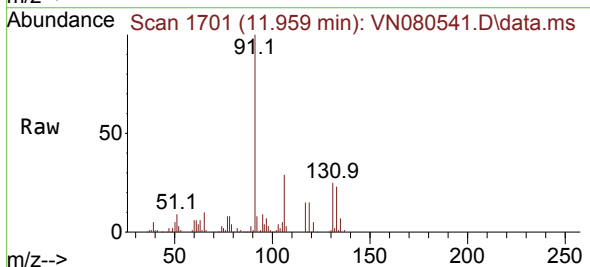
Instrument :
MSVOA_N
ClientSampleId :

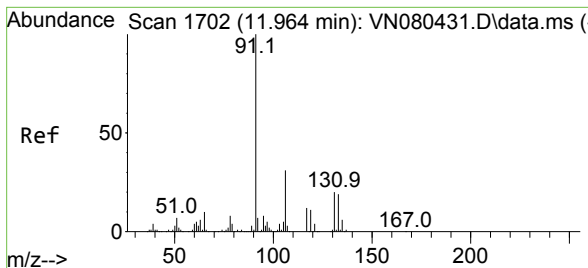
Tgt Ion:112 Resp: 160577
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.426 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion:131 Resp: 66175
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 60.7 34.1 102.2

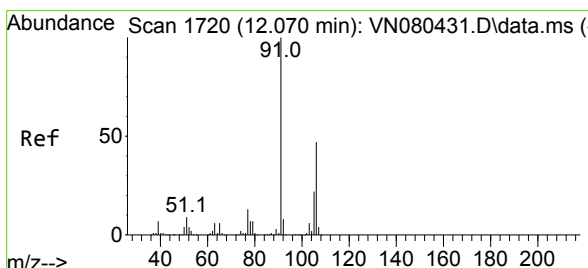
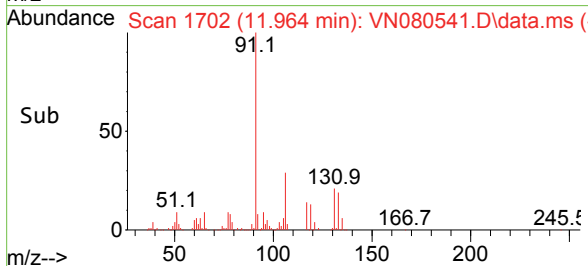
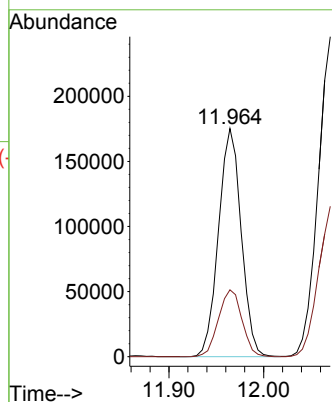
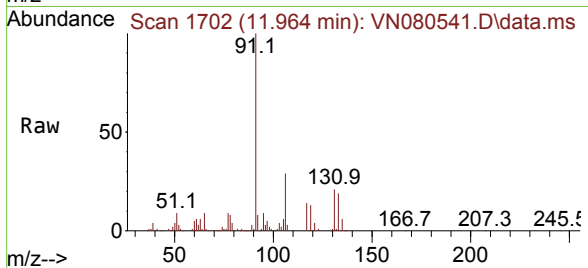




#67
Ethyl Benzene
Concen: 17.345 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

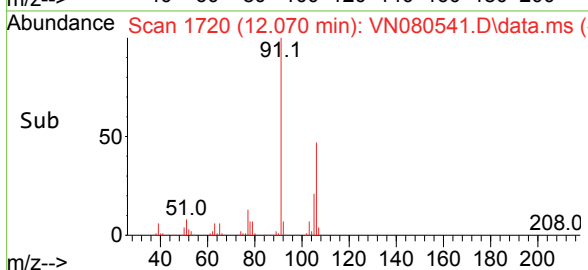
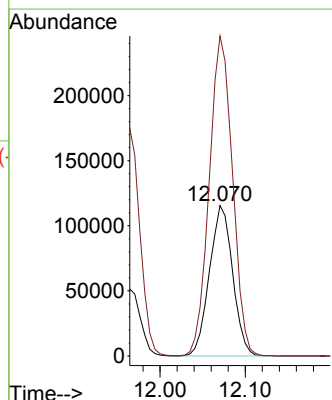
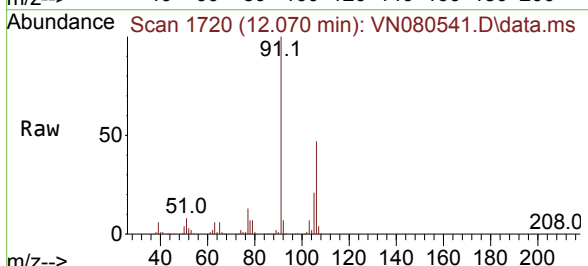
Instrument :
MSVOA_N
ClientSampleId :

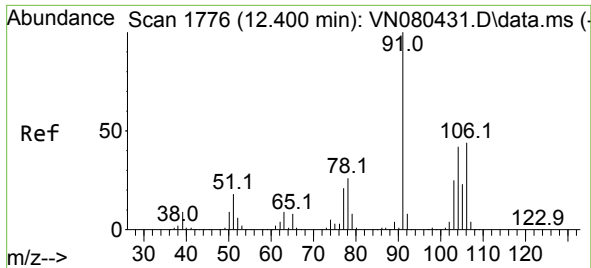
Tgt Ion: 91 Resp: 291906
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4



#68
m/p-Xylenes
Concen: 35.154 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 106 Resp: 218617
Ion Ratio Lower Upper
106 100
91 213.5 159.6 239.4

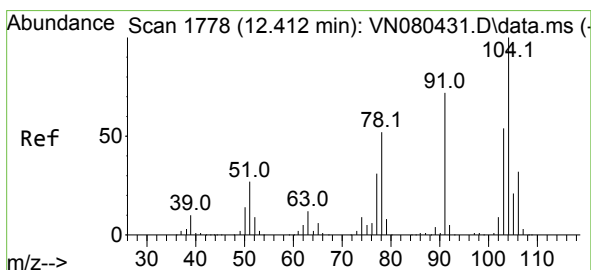
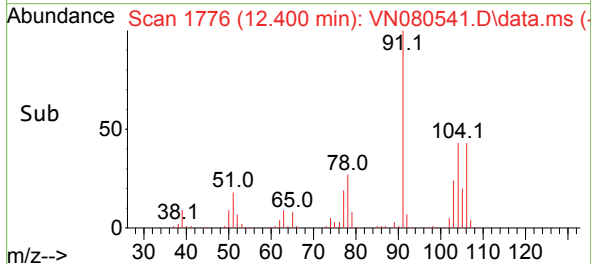
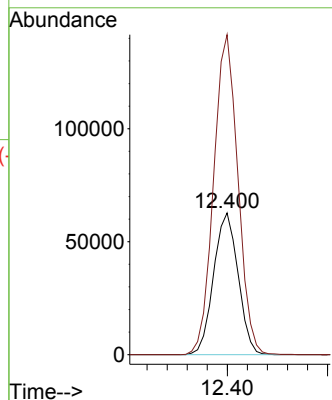
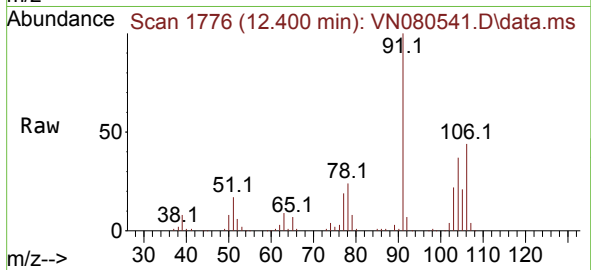




#69
o-Xylene
Concen: 17.491 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

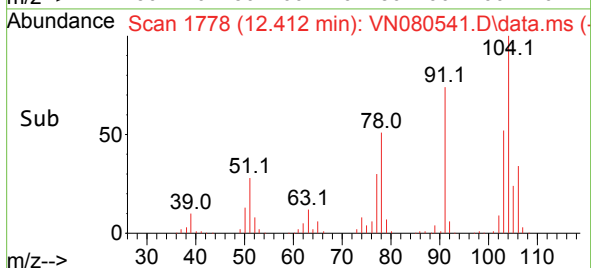
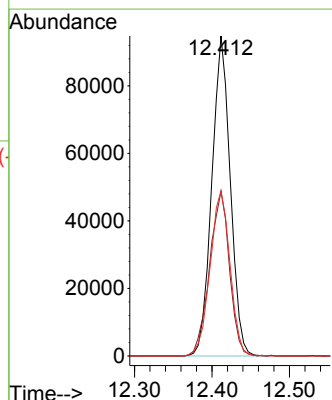
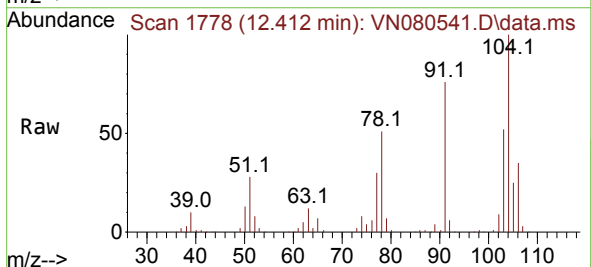
Instrument :
MSVOA_N
ClientSampleId :

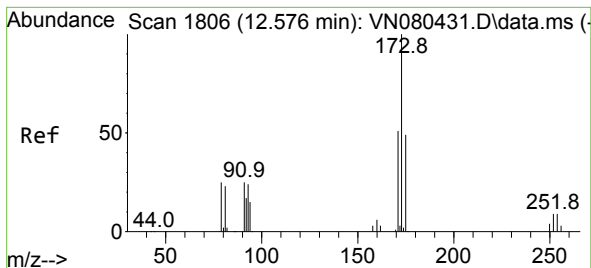
Tgt Ion:106 Resp: 106390
Ion Ratio Lower Upper
106 100
91 223.9 105.2 315.5



#70
Styrene
Concen: 17.888 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion:104 Resp: 156726
Ion Ratio Lower Upper
104 100
78 55.4 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 16.632 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

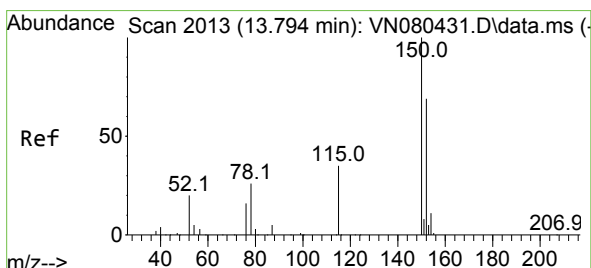
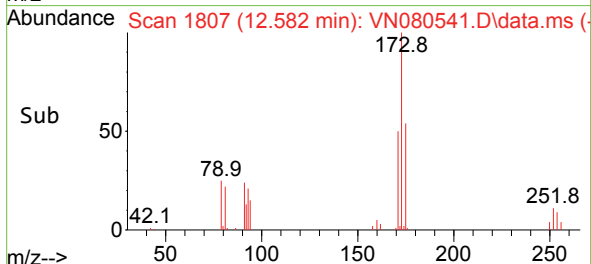
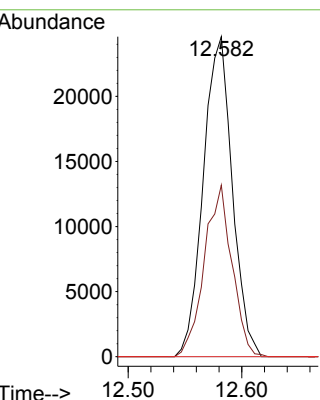
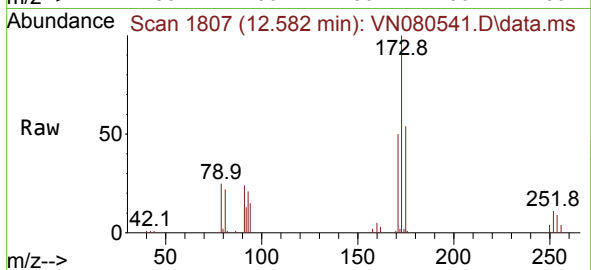
Tgt Ion:173 Resp: 43557

Ion Ratio Lower Upper

173 100

175 51.2 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

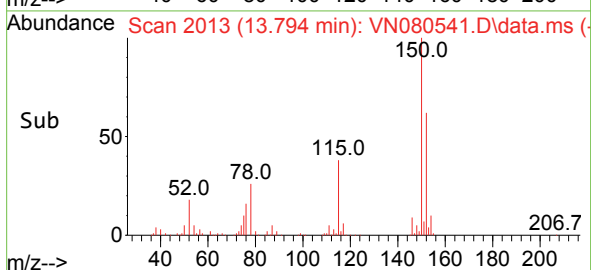
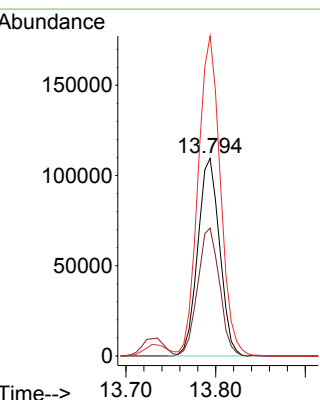
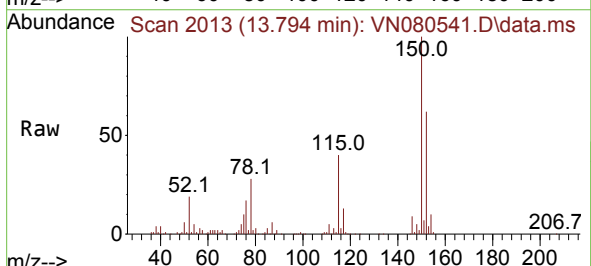
Tgt Ion:152 Resp: 184598

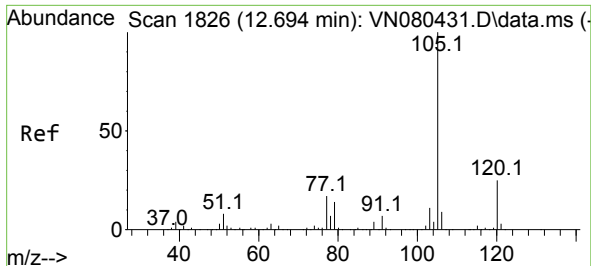
Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 165.7 0.0 355.8

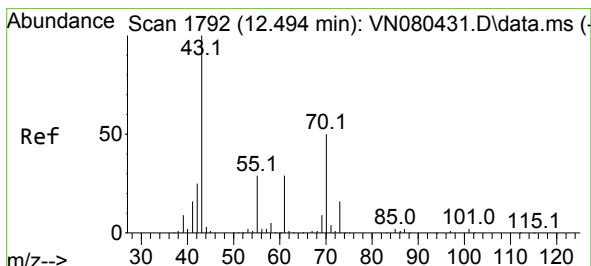
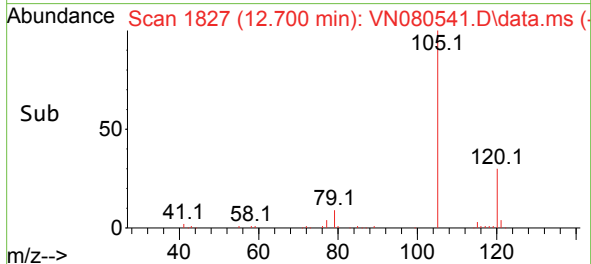
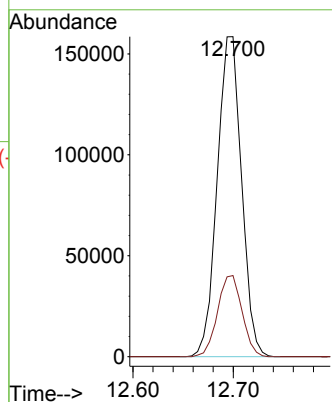
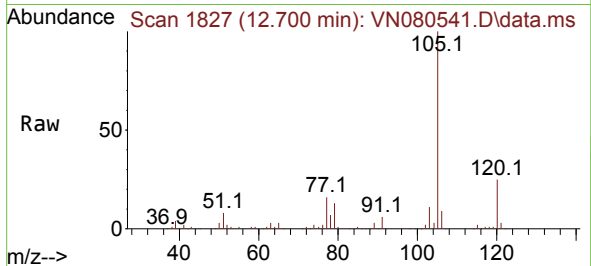




#73
Isopropylbenzene
Concen: 18.030 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

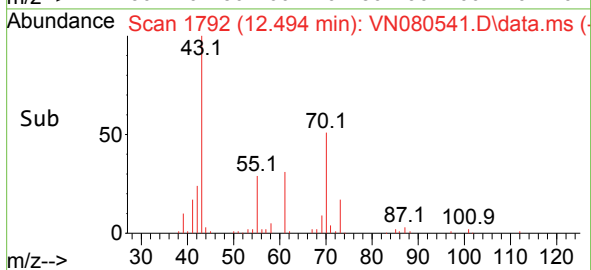
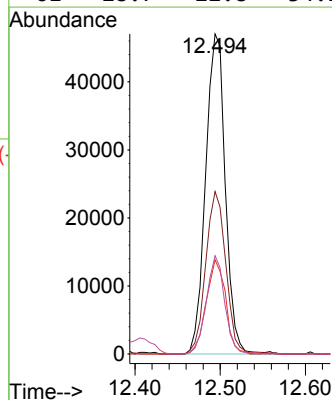
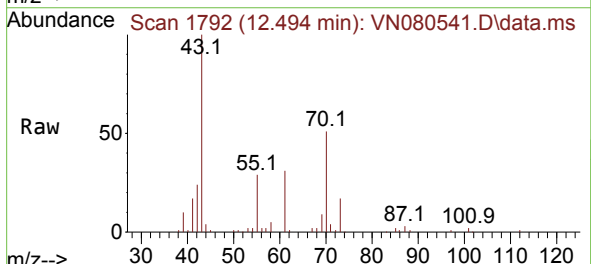
Instrument :
MSVOA_N
ClientSampleId :

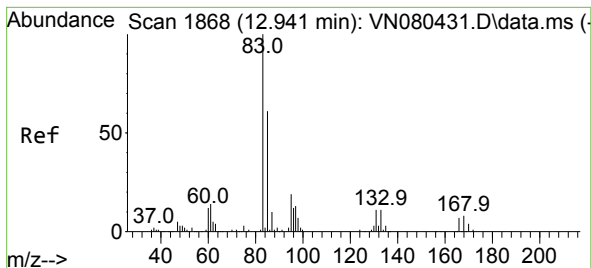
Tgt Ion:105 Resp: 267373
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 17.423 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 43 Resp: 75448
Ion Ratio Lower Upper
43 100
70 51.4 43.4 65.2
55 29.3 21.4 32.0
61 28.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.764 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

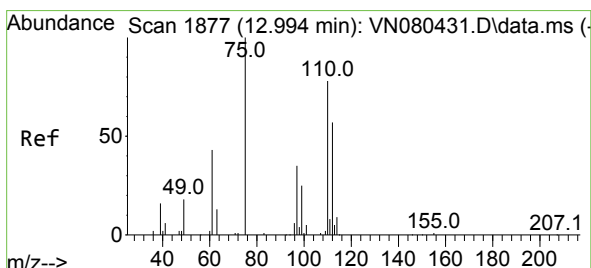
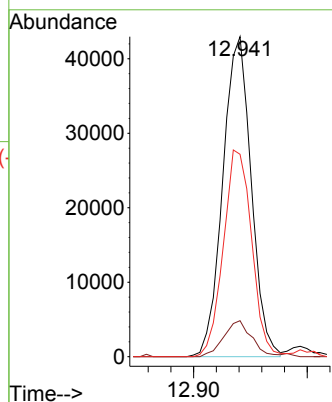
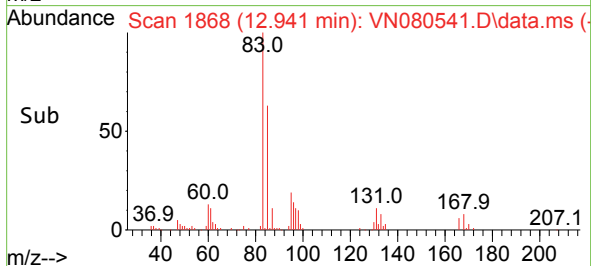
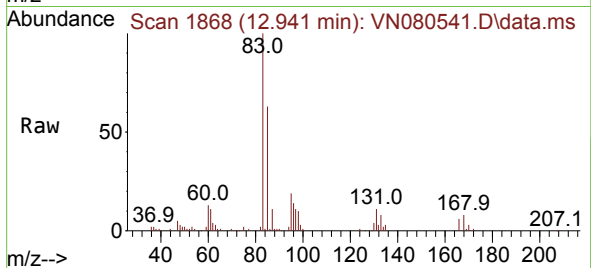
Tgt Ion: 83 Resp: 74563

Ion Ratio Lower Upper

83 100

131 11.4 5.0 15.0

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.033 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080541.D

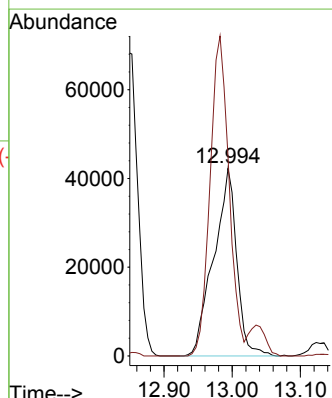
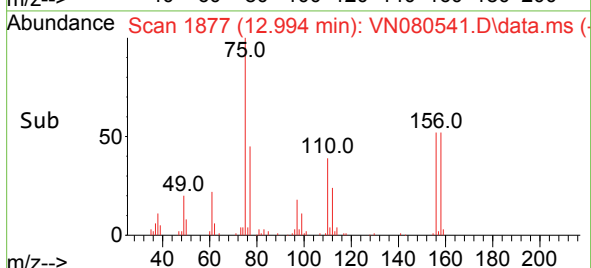
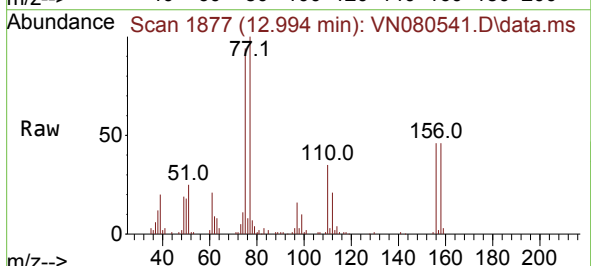
Acq: 20 Dec 2023 12:58

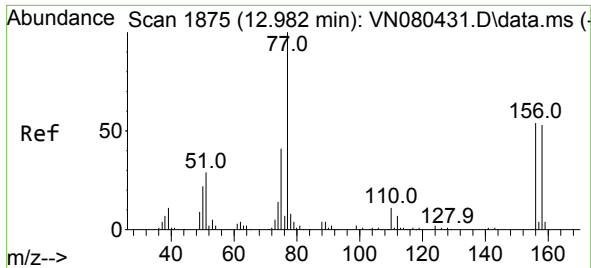
Tgt Ion: 75 Resp: 99553

Ion Ratio Lower Upper

75 100

77 140.3 84.5 253.5

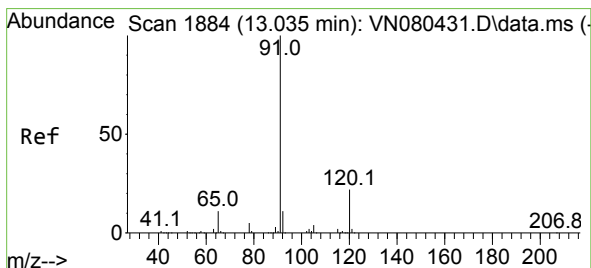
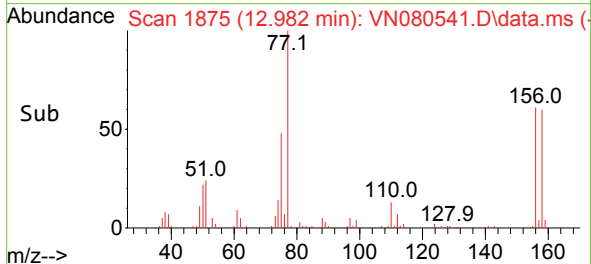
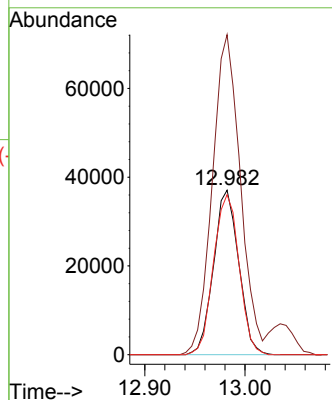
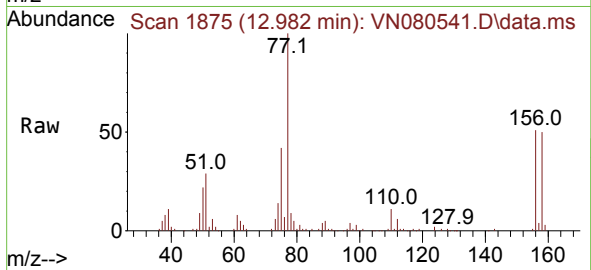




#77
Bromobenzene
Concen: 17.730 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

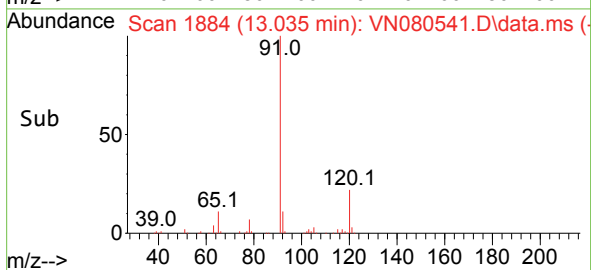
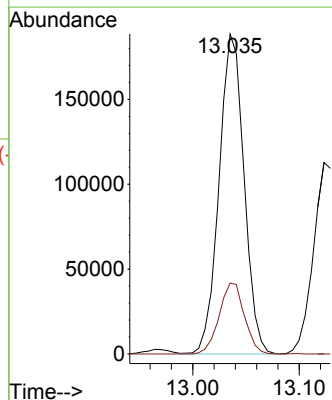
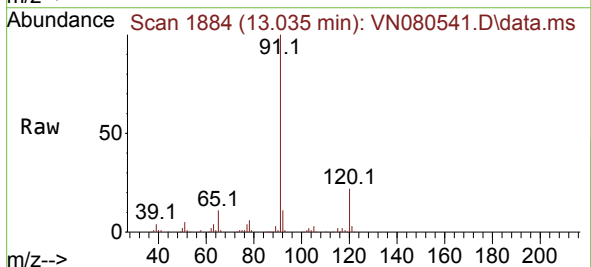
Instrument :
MSVOA_N
ClientSampleId :

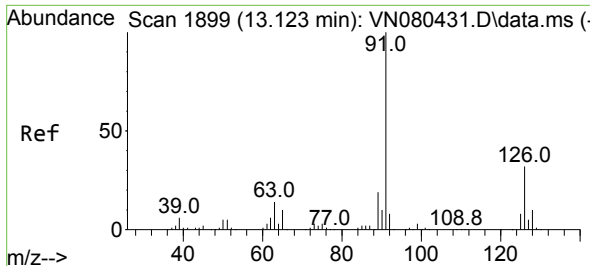
Tgt Ion:156 Resp: 64680
Ion Ratio Lower Upper
156 100
77 216.0 107.7 323.3
158 98.8 48.4 145.3



#78
n-propylbenzene
Concen: 18.752 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 91 Resp: 306602
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4

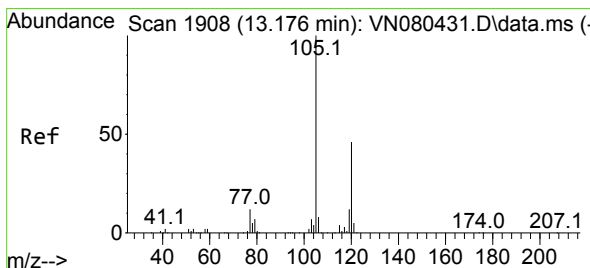
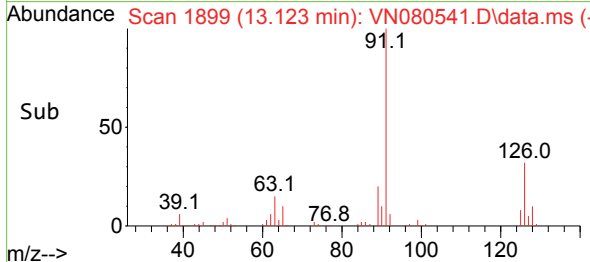
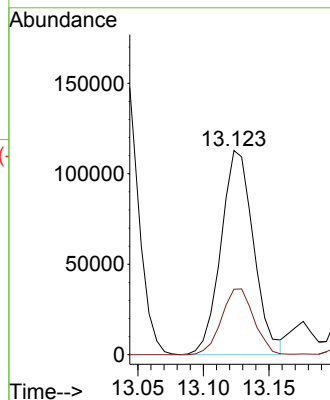
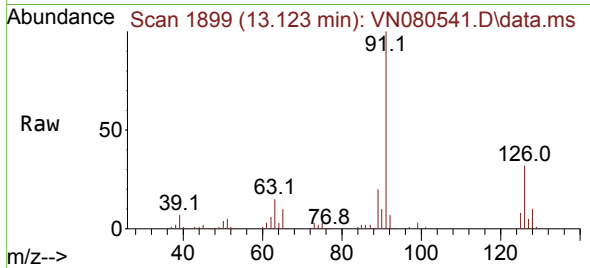




#79
2-Chlorotoluene
Concen: 18.357 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

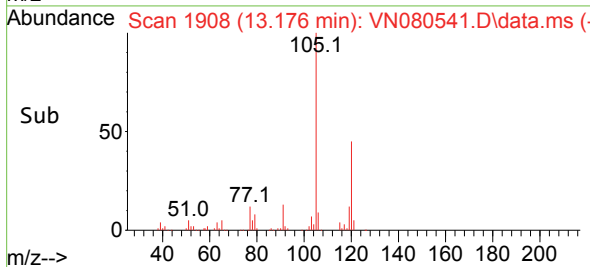
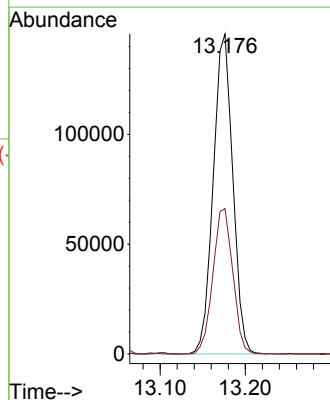
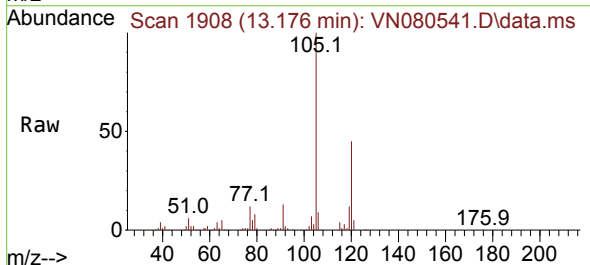
Instrument :
MSVOA_N
ClientSampleId :

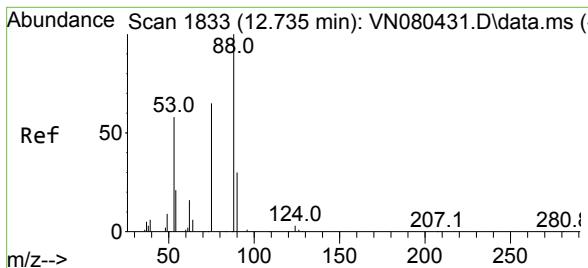
Tgt Ion: 91 Resp: 195944
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.210 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 105 Resp: 232576
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3

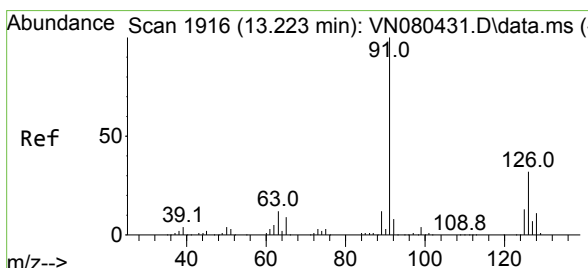
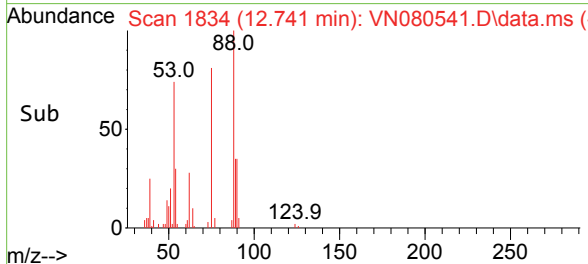
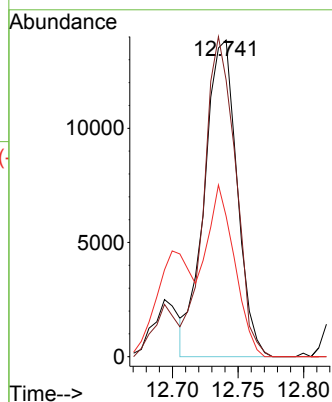
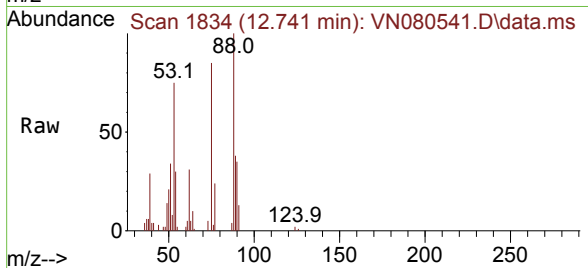




#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.068 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

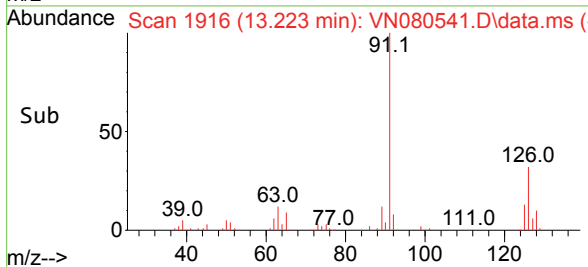
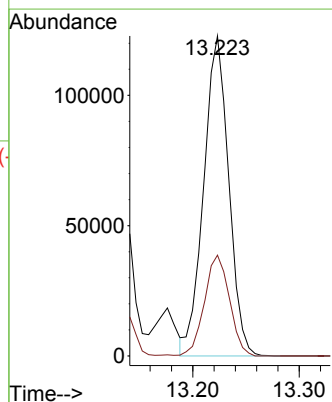
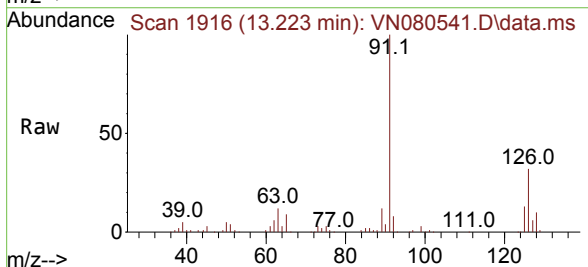
Instrument :
 MSVOA_N
 ClientSampleId :

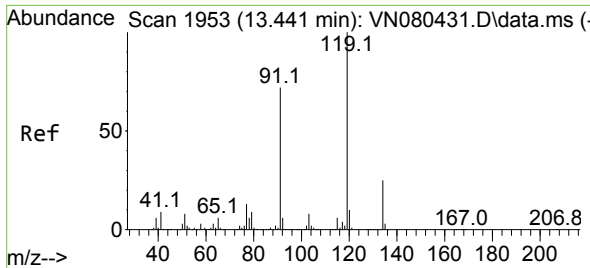
Tgt Ion: 75 Resp: 23939
 Ion Ratio Lower Upper
 75 100
 53 97.6 67.4 101.2
 89 46.9 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 18.259 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

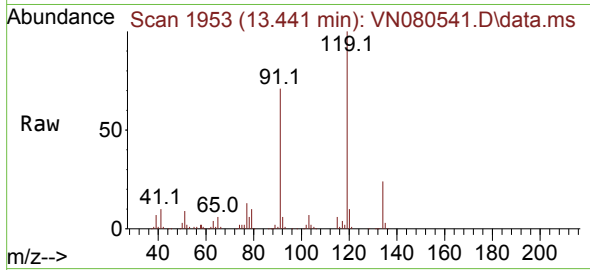
Tgt Ion: 91 Resp: 200334
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.7 50.0



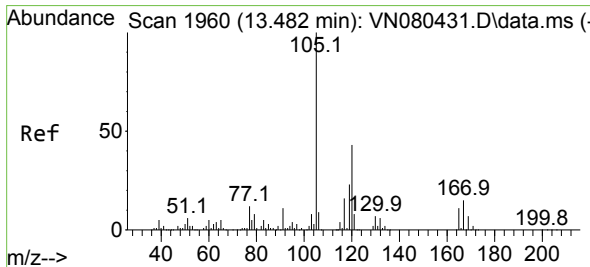
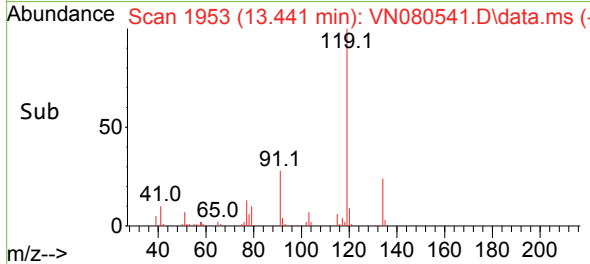
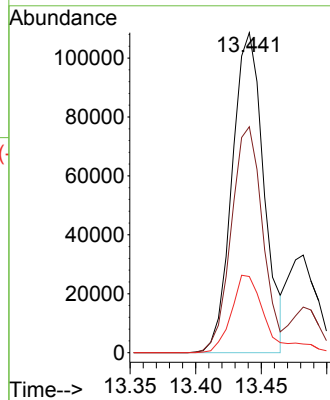


#83
tert-Butylbenzene
Concen: 17.482 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :

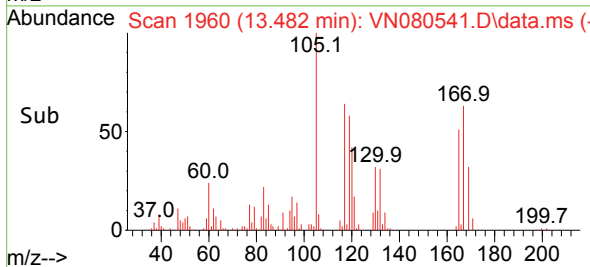
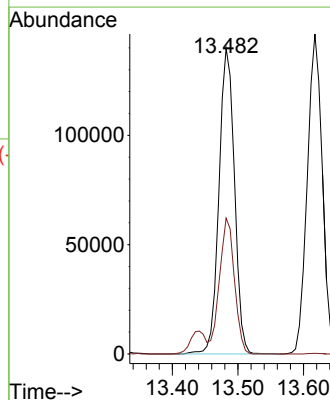
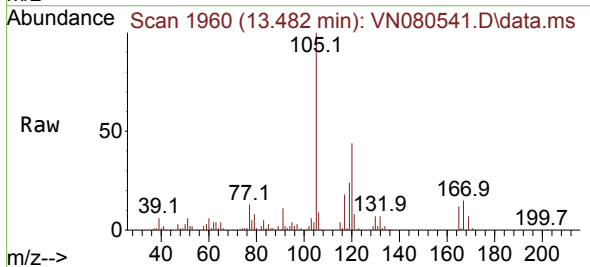


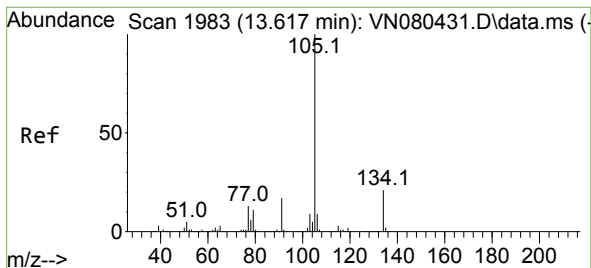
Tgt Ion:119 Resp: 182853
Ion Ratio Lower Upper
119 100
91 69.9 33.9 101.7
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 17.977 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion:105 Resp: 228409
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.405 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

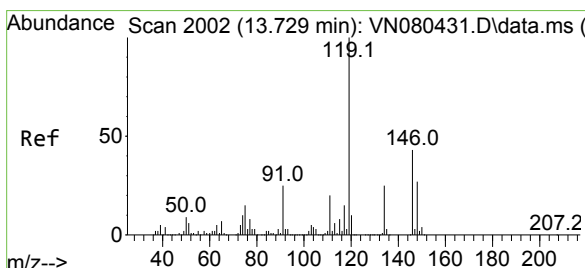
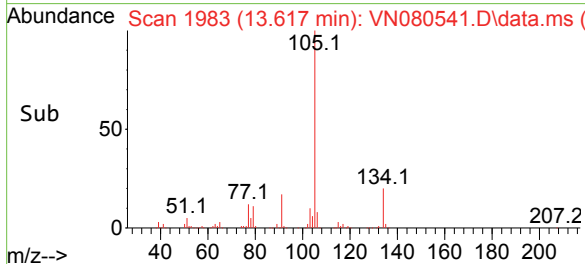
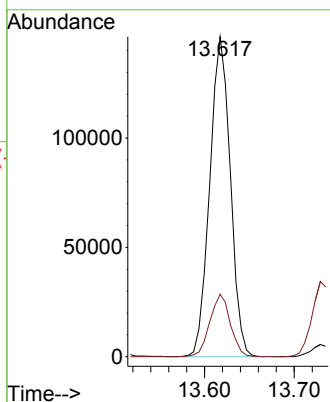
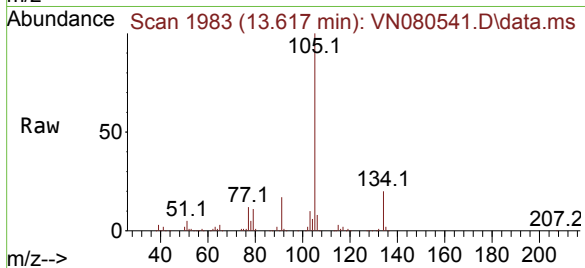
ClientSampleId :

Tgt Ion:105 Resp: 232876

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 17.601 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

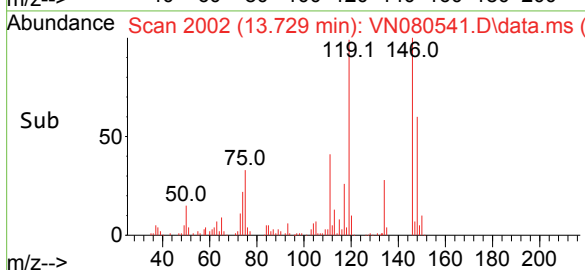
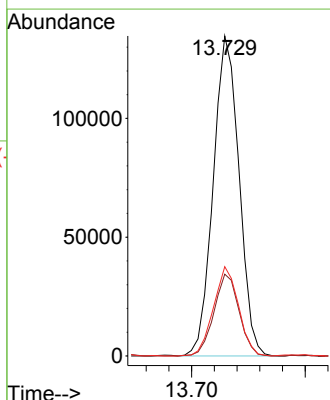
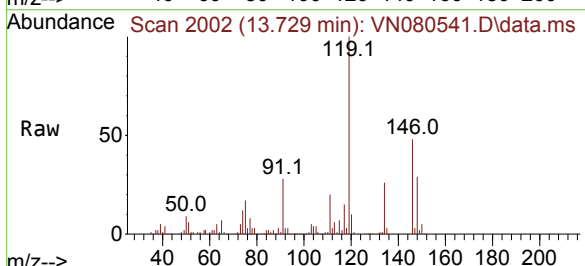
Tgt Ion:119 Resp: 212641

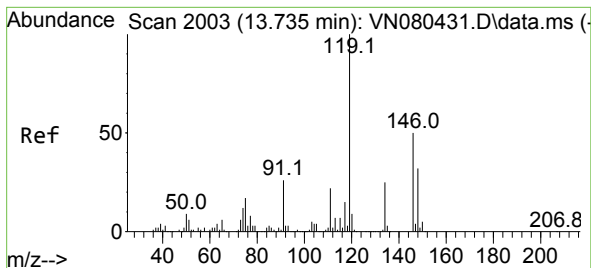
Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

91 27.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.682 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

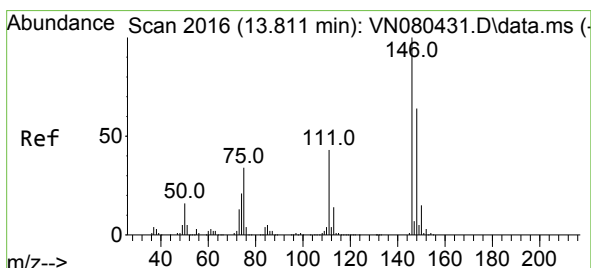
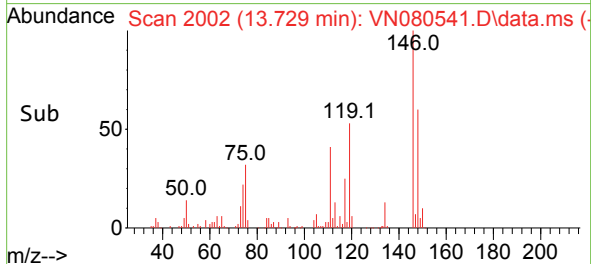
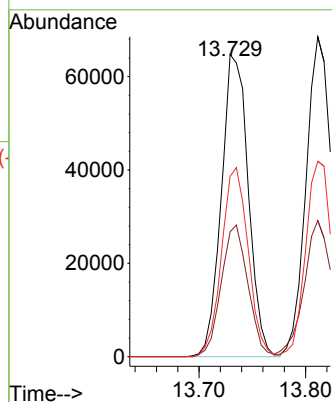
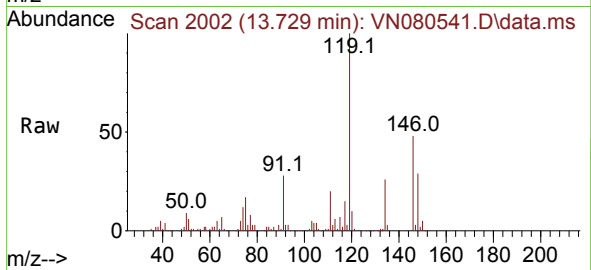
Tgt Ion:146 Resp: 113649

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.3

148 61.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 17.819 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

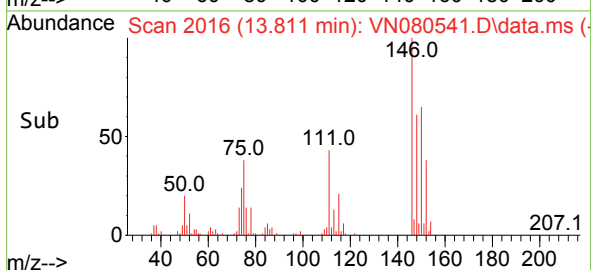
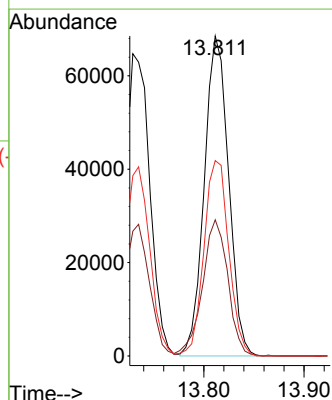
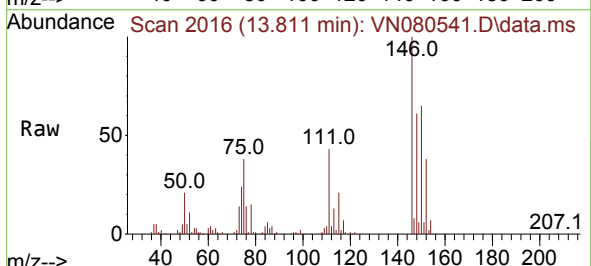
Tgt Ion:146 Resp: 115607

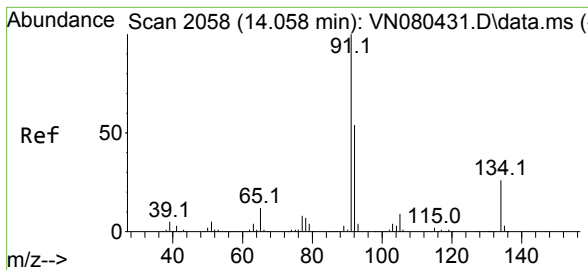
Ion Ratio Lower Upper

146 100

111 44.5 20.6 61.8

148 62.5 31.6 94.8

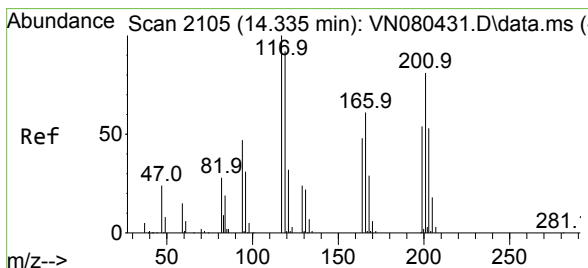
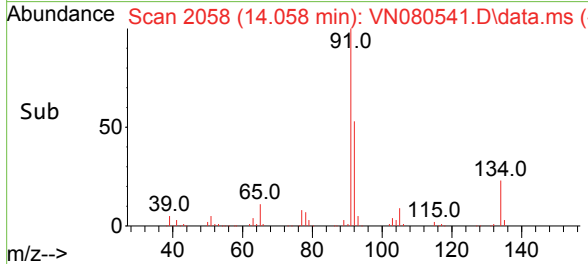
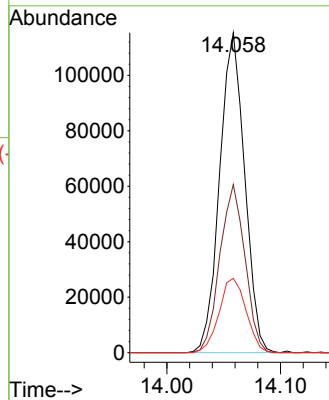
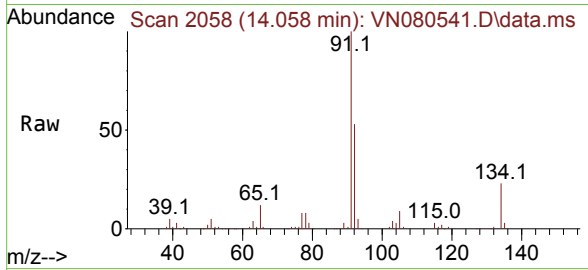




#89
n-Butylbenzene
Concen: 17.505 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

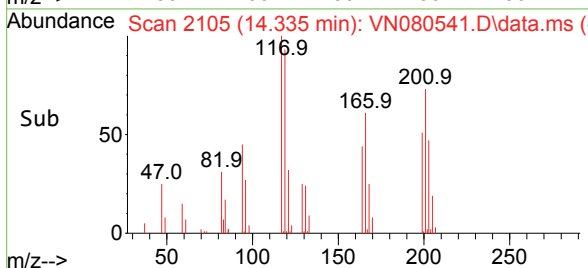
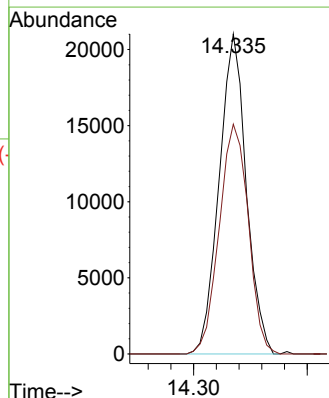
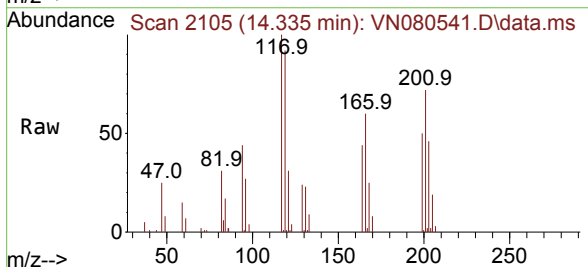
Instrument :
MSVOA_N
ClientSampleId :

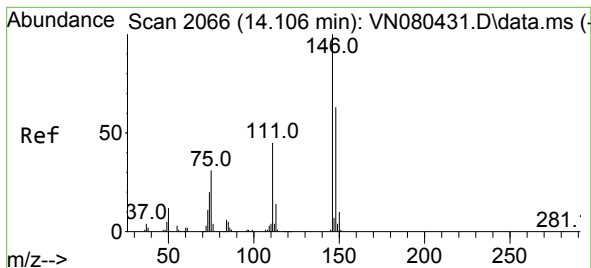
Tgt Ion: 91 Resp: 176604
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 18.186 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080541.D
Acq: 20 Dec 2023 12:58

Tgt Ion: 117 Resp: 34893
Ion Ratio Lower Upper
117 100
201 76.9 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.284 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

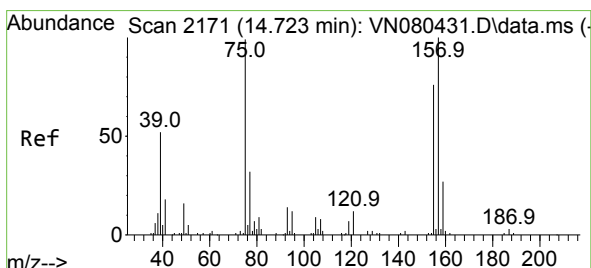
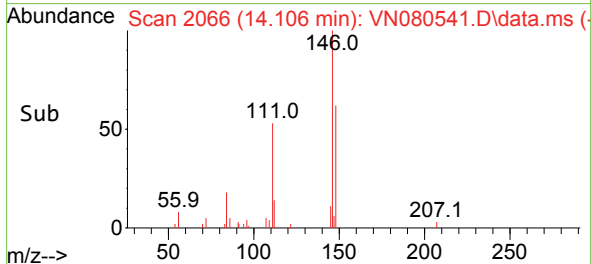
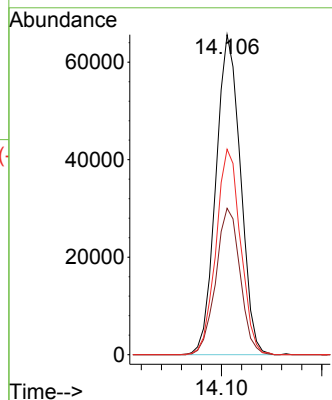
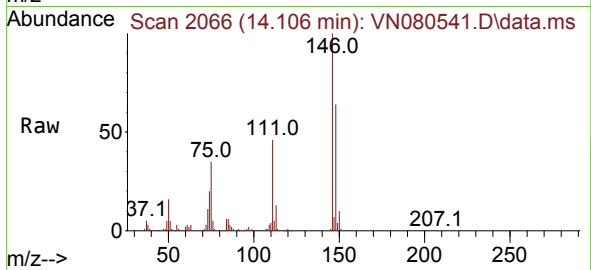
Tgt Ion:146 Resp: 111593

Ion Ratio Lower Upper

146 100

111 45.3 22.0 66.0

148 64.2 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.845 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

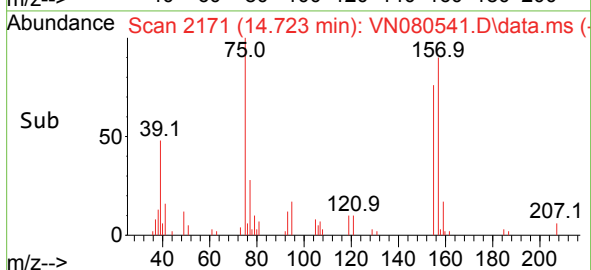
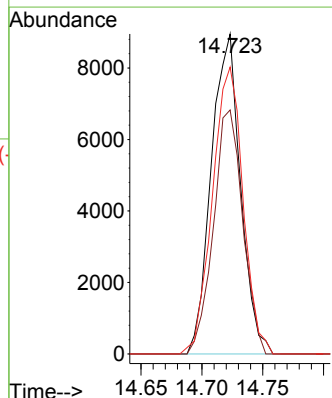
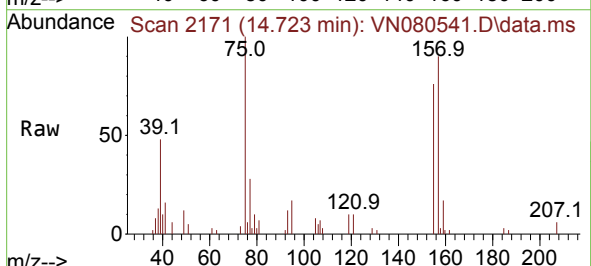
Tgt Ion: 75 Resp: 14915

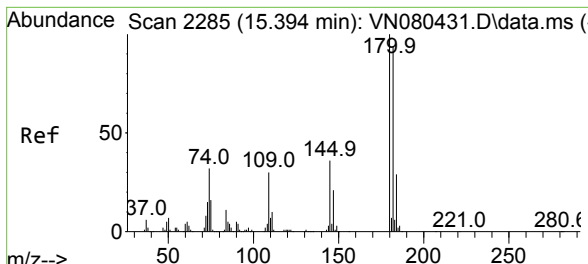
Ion Ratio Lower Upper

75 100

155 76.5 39.1 117.2

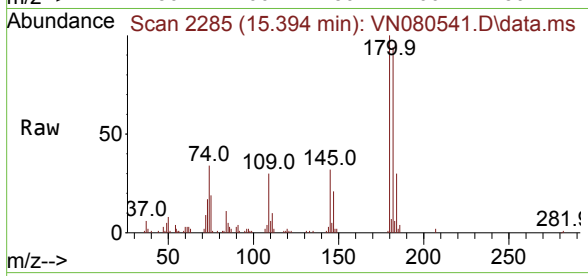
157 93.9 50.3 150.9



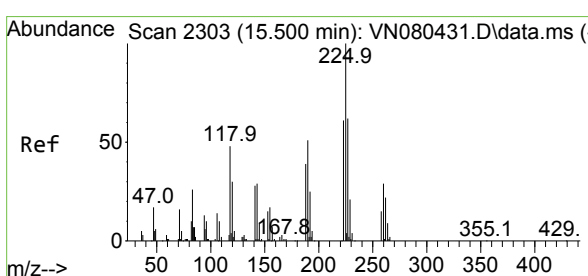
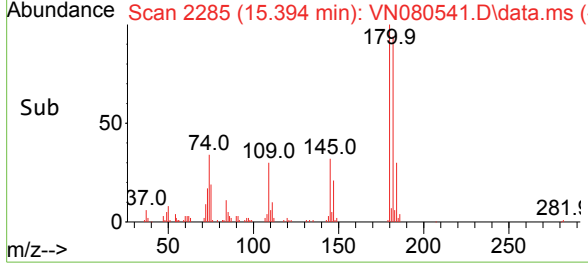
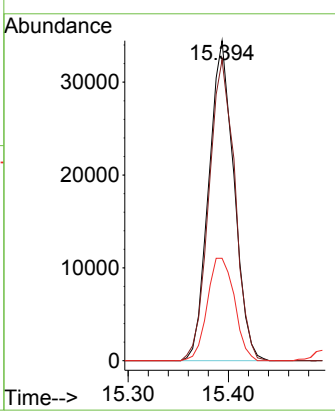


#93
 1,2,4-Trichlorobenzene
 Concen: 17.776 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

Instrument :
 MSVOA_N
 ClientSampleId :

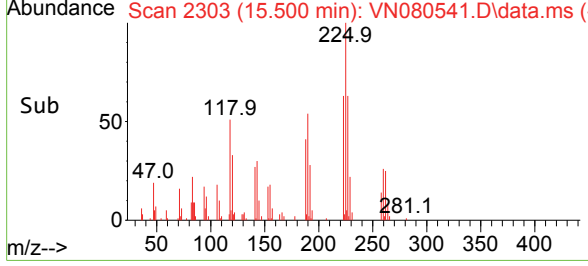
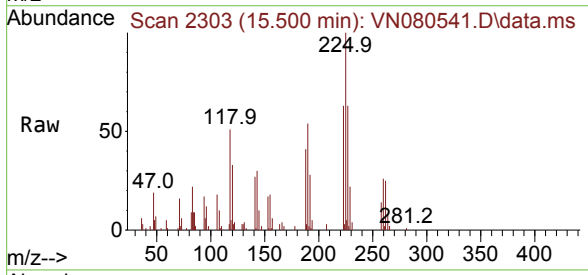
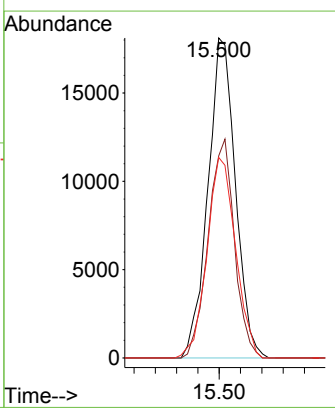


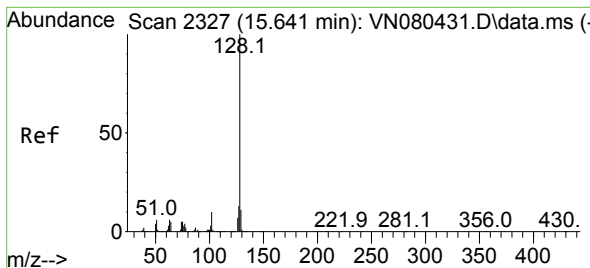
Tgt Ion:	180	Resp:	60237
Ion Ratio	Lower	Upper	
180	100		
182	96.7	46.1	138.2
145	34.4	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 16.829 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN080541.D
 Acq: 20 Dec 2023 12:58

Tgt Ion:	225	Resp:	32465
Ion Ratio	Lower	Upper	
225	100		
223	65.3	31.3	93.8
227	65.2	31.9	95.9





#95

Naphthalene

Concen: 17.129 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

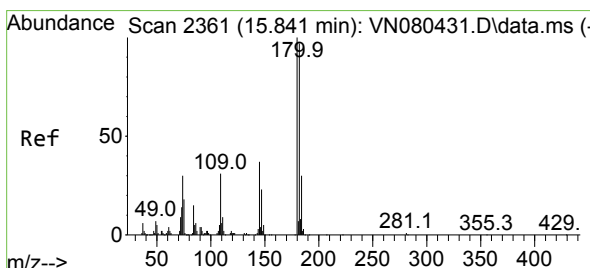
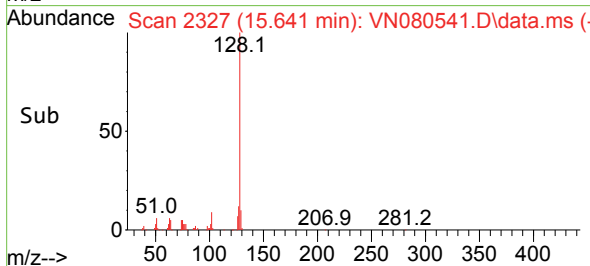
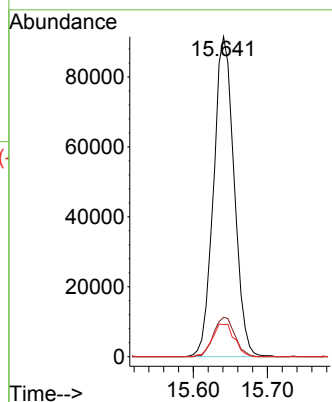
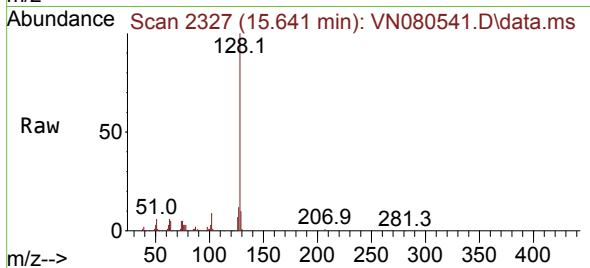
Tgt Ion:128 Resp: 176253

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.814 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080541.D

Acq: 20 Dec 2023 12:58

Tgt Ion:180 Resp: 58252

Ion Ratio Lower Upper

180 100

182 92.1 46.2 138.6

145 35.7 17.5 52.6

