

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078587.D
 Acq On : 20 Jul 2023 11:57
 Operator : JC\MD
 Sample : VN0720WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 21 06:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	448765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	777957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	699916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	305907	50.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.700%
35) Dibromofluoromethane	8.177	113	274041	51.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.780%
50) Toluene-d8	10.571	98	976387	48.941	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.853	95	295879	48.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	94336	17.145	ug/l	97
3) Chloromethane	2.371	50	110727	18.515	ug/l	100
4) Vinyl Chloride	2.518	62	138247	17.870	ug/l	97
5) Bromomethane	2.959	94	110461	19.546	ug/l	97
6) Chloroethane	3.124	64	95196	19.157	ug/l	98
7) Trichlorofluoromethane	3.506	101	172715	18.677	ug/l	92
8) Diethyl Ether	3.971	74	55868	18.133	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.383	101	97067	19.829	ug/l	97
10) Methyl Iodide	4.600	142	122839	18.261	ug/l	96
11) Tert butyl alcohol	5.536	59	89293	96.251	ug/l	99
12) 1,1-Dichloroethene	4.353	96	90028	19.012	ug/l	96
13) Acrolein	4.195	56	86023	94.247	ug/l	93
14) Allyl chloride	5.030	41	119721	18.503	ug/l	92
15) Acrylonitrile	5.736	53	227201	96.930	ug/l	98
16) Acetone	4.442	43	188730	100.708	ug/l	94
17) Carbon Disulfide	4.724	76	215328	15.726	ug/l	96
18) Methyl Acetate	5.036	43	160154	20.188	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	303657	19.463	ug/l	94
20) Methylene Chloride	5.289	84	111061	19.925	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	98631	18.484	ug/l	95
22) Diisopropyl ether	6.683	45	298631	20.612	ug/l #	91
23) Vinyl Acetate	6.612	43	883431	95.913	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	194335	19.906	ug/l	97
25) 2-Butanone	7.488	43	291395	98.778	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	162765	20.384	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	117228	18.991	ug/l	90
28) Bromochloromethane	7.818	49	98450	21.410	ug/l	90
29) Tetrahydrofuran	7.847	42	187575	96.904	ug/l #	85
30) Chloroform	7.977	83	211545	20.813	ug/l	94
31) Cyclohexane	8.265	56	144892	17.821	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	179738	19.724	ug/l	98
36) 1,1-Dichloropropene	8.377	75	145175	19.039	ug/l	97
37) Ethyl Acetate	7.571	43	124133	19.528	ug/l #	94
38) Carbon Tetrachloride	8.371	117	158688	19.148	ug/l	97
39) Methylcyclohexane	9.612	83	131136	18.840	ug/l	90
40) Benzene	8.612	78	449321	19.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	65088	20.086	ug/l	92
42) 1,2-Dichloroethane	8.682	62	154947	20.165	ug/l	98
43) Isopropyl Acetate	8.694	43	219054	20.931	ug/l	93
44) Trichloroethene	9.359	130	111731	18.351	ug/l	99
45) 1,2-Dichloropropane	9.629	63	117658	20.564	ug/l	95
46) Dibromomethane	9.718	93	81552	20.251	ug/l	93
47) Bromodichloromethane	9.894	83	164134	20.333	ug/l	100
48) Methyl methacrylate	9.688	41	95180	19.631	ug/l	90
49) 1,4-Dioxane	9.700	88	36894	348.925	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	632549	101.616	ug/l	92
52) Toluene	10.635	92	281472	20.104	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	162926	19.701	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	179489	20.361	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	116107	21.048	ug/l	96
56) Ethyl methacrylate	10.882	69	150063	19.460	ug/l	90
57) 1,3-Dichloropropane	11.171	76	188463	20.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	242060	88.083	ug/l	93
59) 2-Hexanone	11.200	43	435698	98.483	ug/l	90
60) Dibromochloromethane	11.365	129	127659	20.962	ug/l	100
61) 1,2-Dibromoethane	11.476	107	114034	20.067	ug/l	97
64) Tetrachloroethene	11.112	164	95699	18.186	ug/l	97
65) Chlorobenzene	11.900	112	289683	18.516	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117617	19.542	ug/l	97
67) Ethyl Benzene	11.970	91	502563	19.004	ug/l	100
68) m/p-Xylenes	12.076	106	388246	39.708	ug/l	100
69) o-Xylene	12.406	106	187206	18.956	ug/l	96
70) Styrene	12.418	104	297889	19.281	ug/l	97
71) Bromoform	12.582	173	81097	19.896	ug/l #	98
73) Isopropylbenzene	12.700	105	470542	18.868	ug/l	98
74) N-amyl acetate	12.500	43	157172	18.288	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	159072	21.044	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	185032	28.844	ug/l	70
77) Bromobenzene	12.988	156	111884	19.694	ug/l	98
78) n-propylbenzene	13.041	91	518548	19.443	ug/l	100
79) 2-Chlorotoluene	13.129	91	334165	19.129	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	375064	19.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45027	18.445	ug/l #	84
82) 4-Chlorotoluene	13.229	91	306328	18.797	ug/l	97
83) tert-Butylbenzene	13.441	119	323199	19.320	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	362789	18.955	ug/l	96
85) sec-Butylbenzene	13.617	105	407180	19.256	ug/l	100
86) p-Isopropyltoluene	13.735	119	325341	19.161	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	181857	18.996	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	176939	18.349	ug/l	99
89) n-Butylbenzene	14.059	91	229256	18.871	ug/l	96
90) Hexachloroethane	14.335	117	66734	20.909	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	179703	18.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	23405	18.391	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	44619	14.674	ug/l	95
94) Hexachlorobutadiene	15.506	225	34444	19.360	ug/l	98
95) Naphthalene	15.647	128	125415	12.065	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	54269	15.522	ug/l	96

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Response via : Initial Calibration

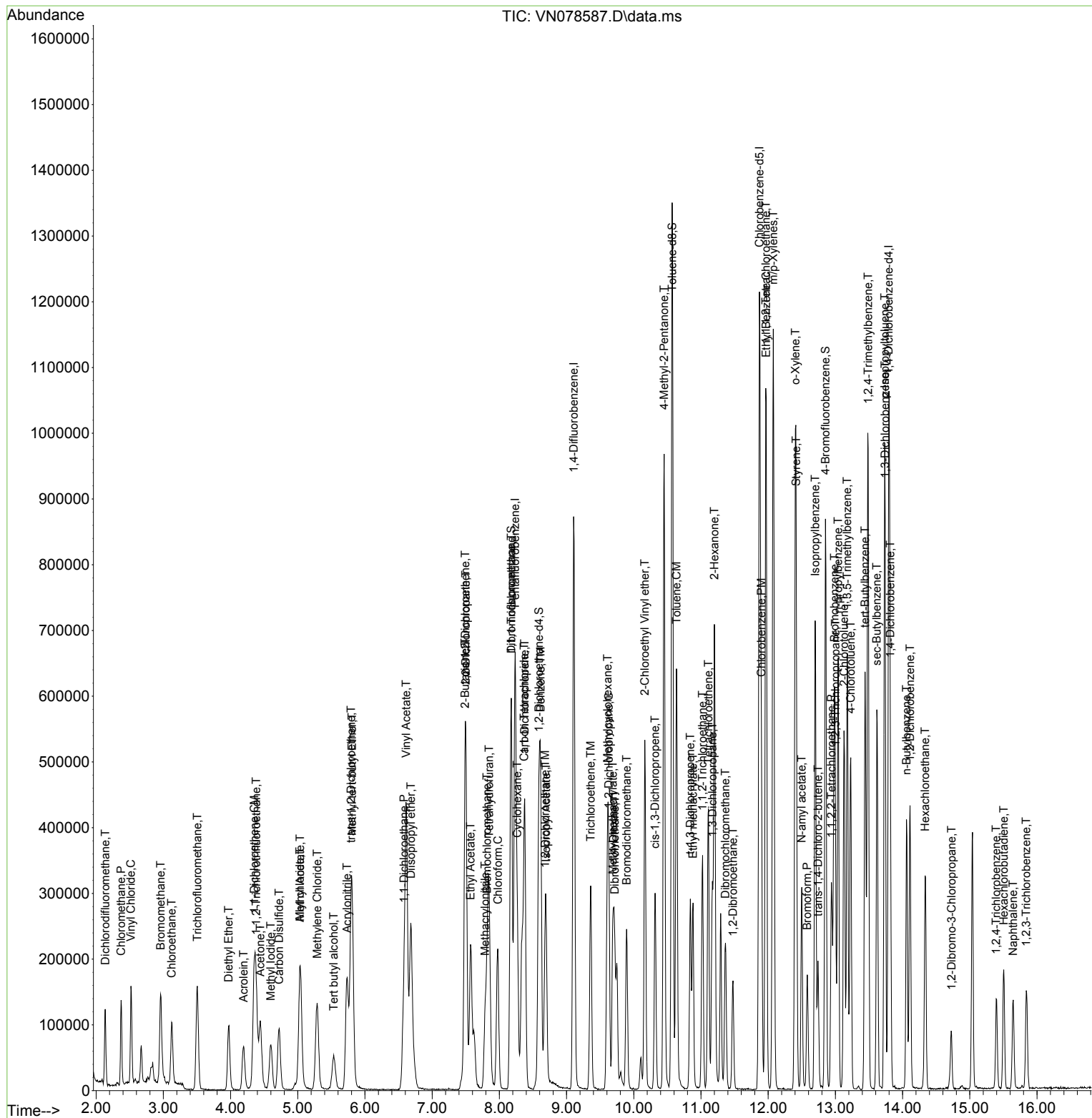
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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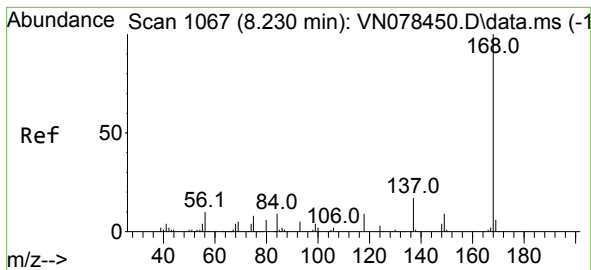
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

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Instrument :

MSVOA_N

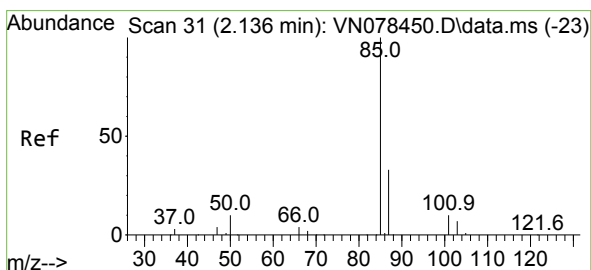
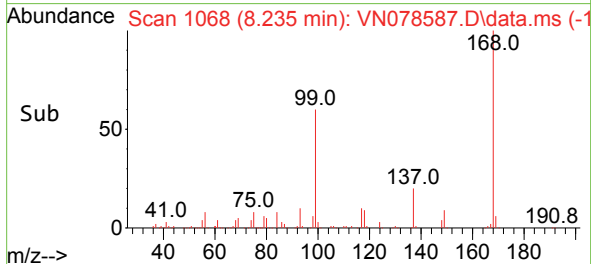
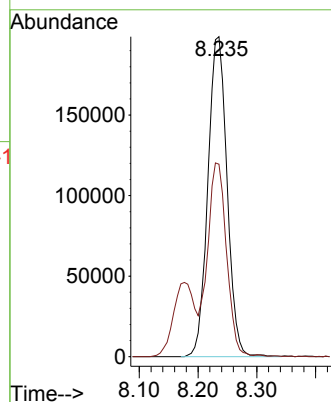
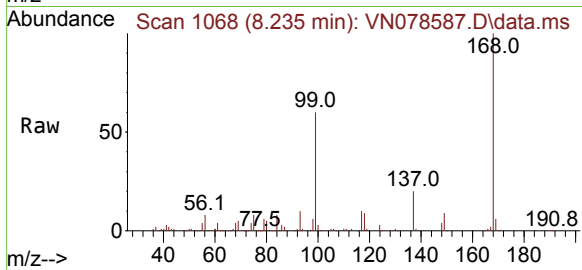
ClientSampleId :

Tgt Ion:168 Resp: 448765

Ion Ratio Lower Upper

168 100

99 60.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.145 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078587.D

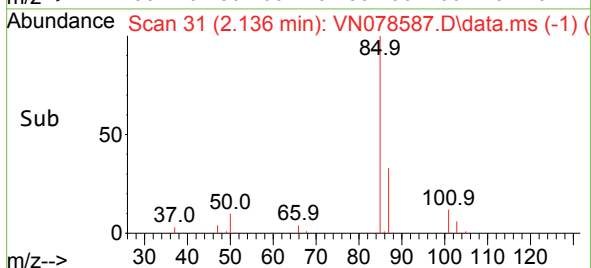
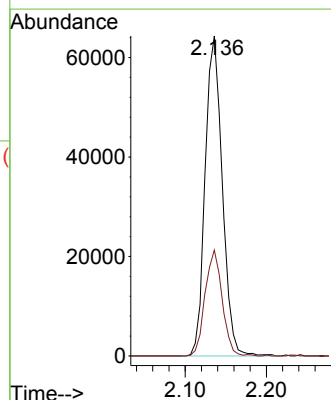
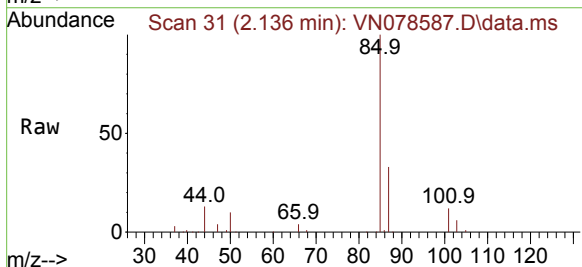
Acq: 20 Jul 2023 11:57

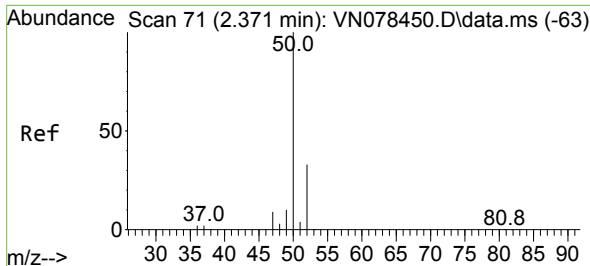
Tgt Ion: 85 Resp: 94336

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.4

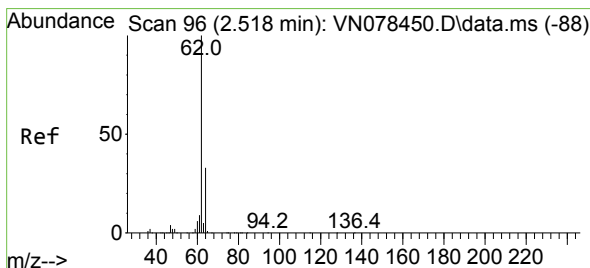
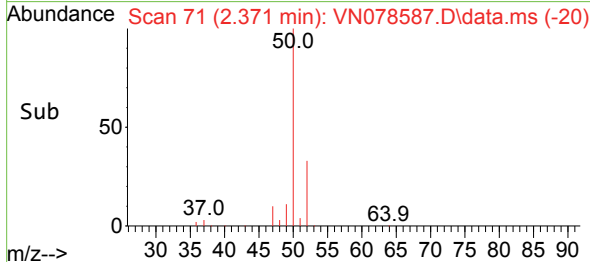
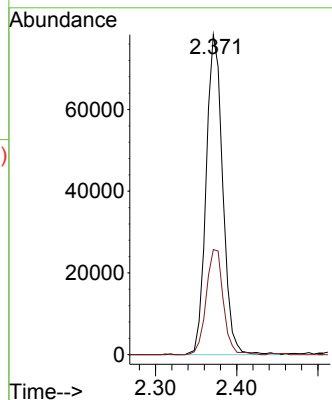
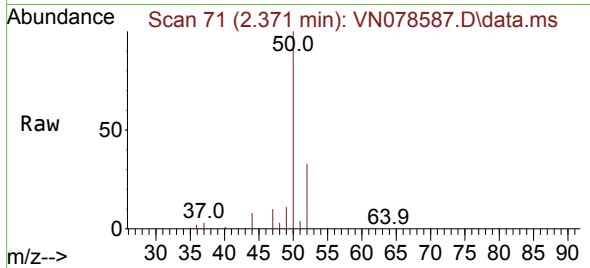




#3
Chloromethane
Concen: 18.515 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

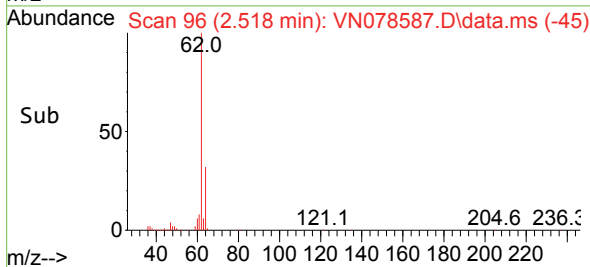
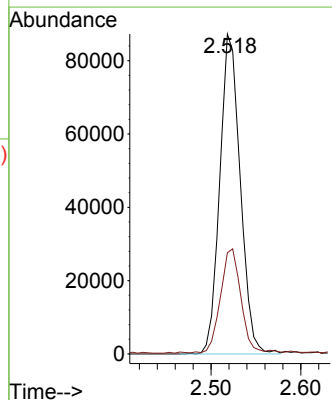
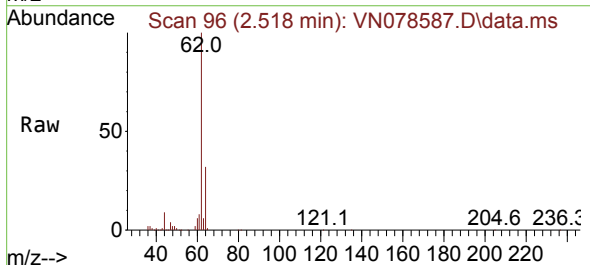
Instrument :
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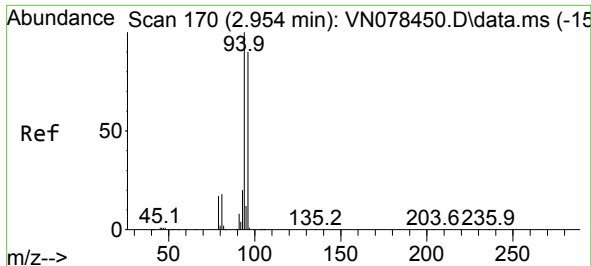
Tgt Ion: 50 Resp: 110727
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7



#4
Vinyl Chloride
Concen: 17.870 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 62 Resp: 138247
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2

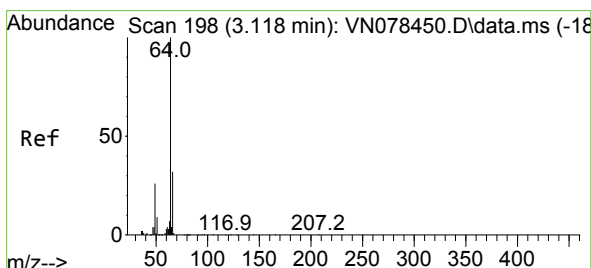
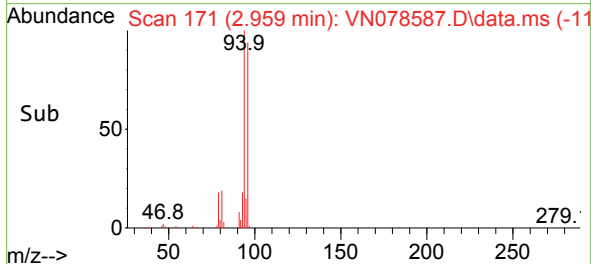
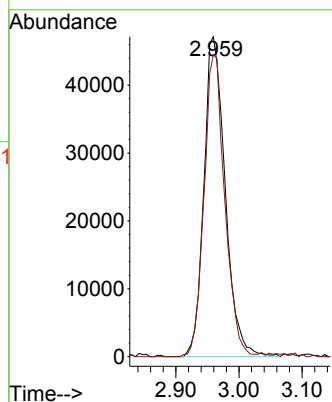
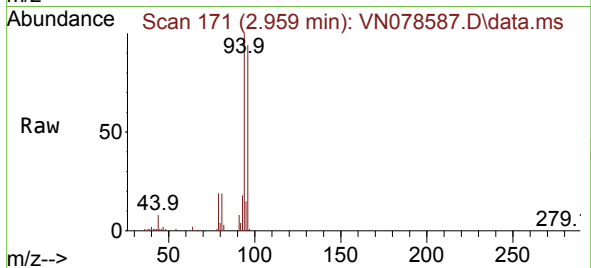




#5
Bromomethane
Concen: 19.546 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078587.D
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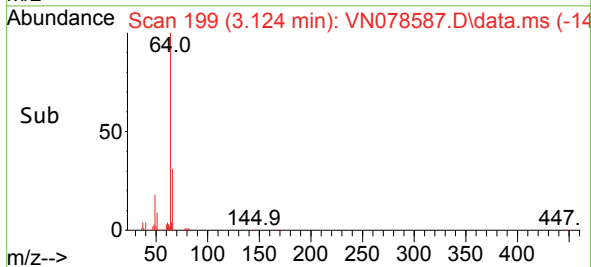
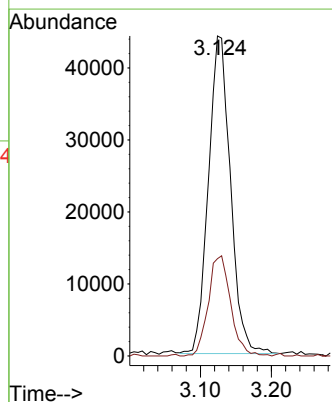
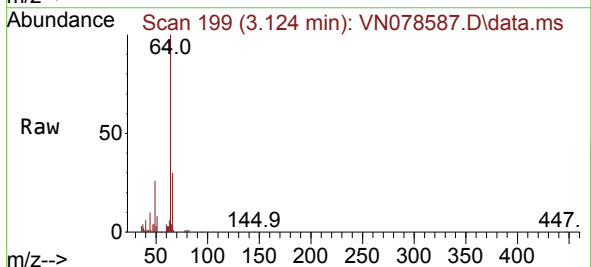
Instrument :
MSVOA_N
ClientSampleId :

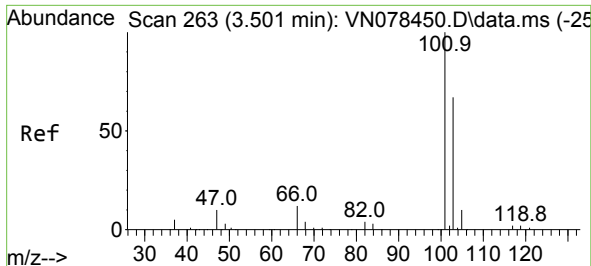
Tgt Ion: 94 Resp: 110461
Ion Ratio Lower Upper
94 100
96 94.4 73.1 109.7



#6
Chloroethane
Concen: 19.157 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078587.D
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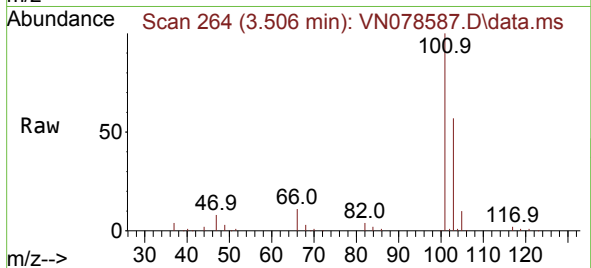
Tgt Ion: 64 Resp: 95196
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2



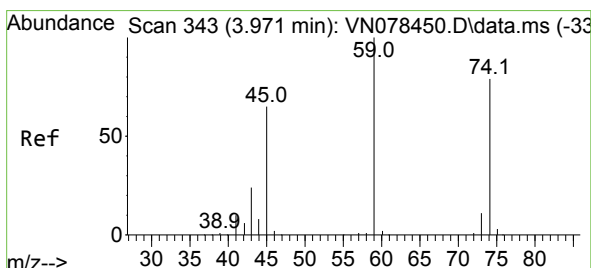
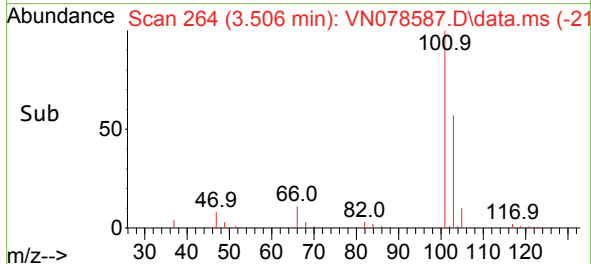
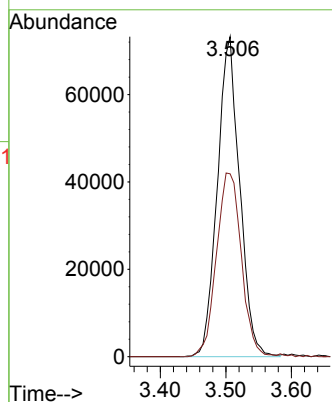


#7
 Trichlorofluoromethane
 Concen: 18.677 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

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 ClientSampleId :

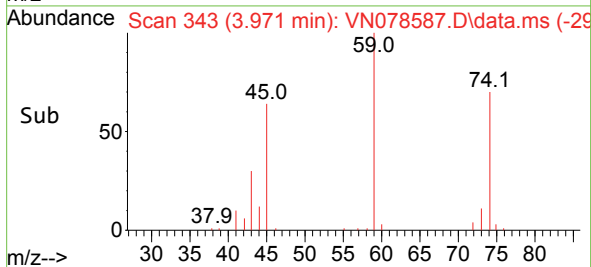
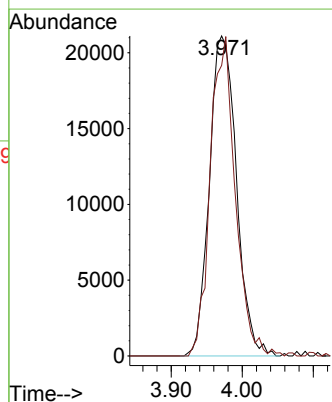
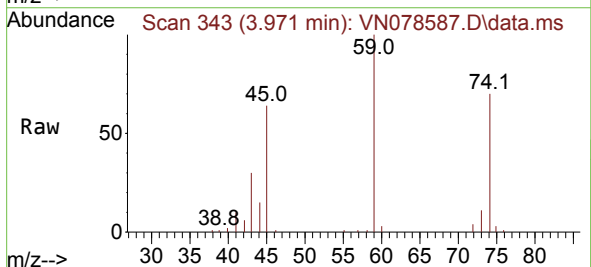


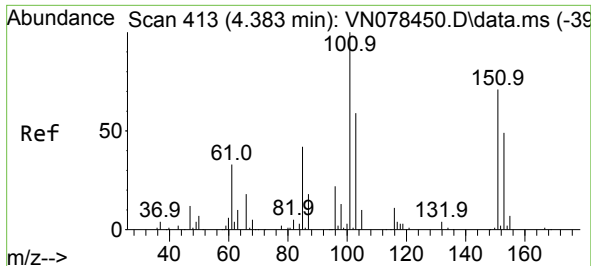
Tgt Ion:101 Resp: 172715
 Ion Ratio Lower Upper
 101 100
 103 57.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.133 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 55868
 Ion Ratio Lower Upper
 74 100
 45 91.7 34.4 103.3

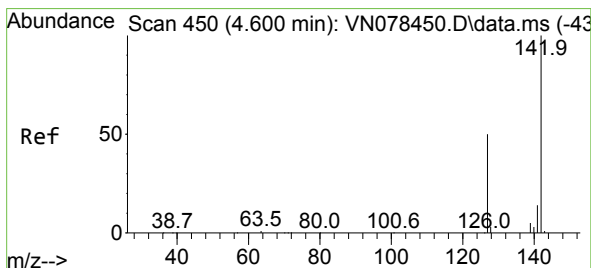
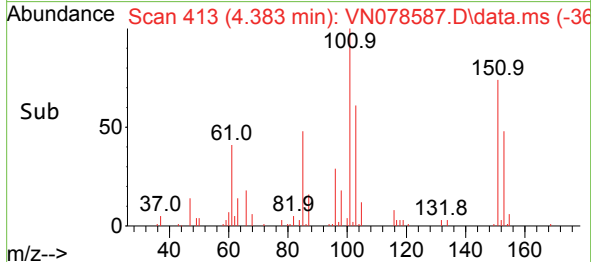
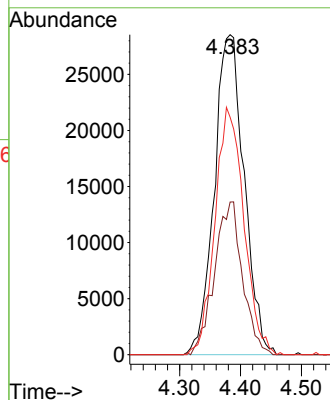
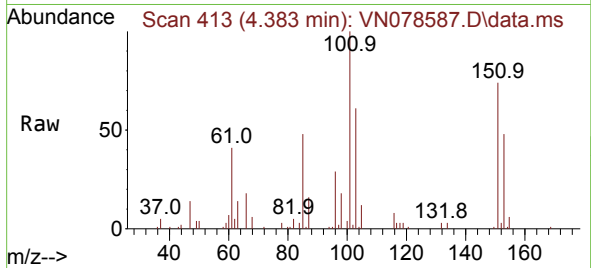




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.829 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

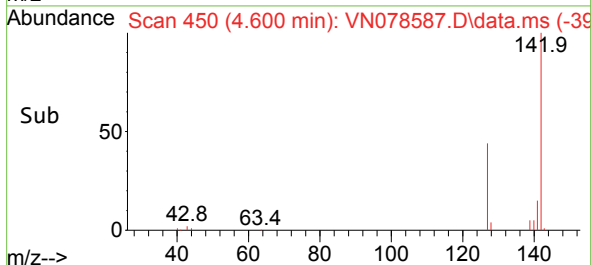
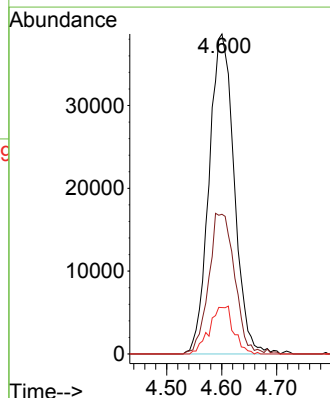
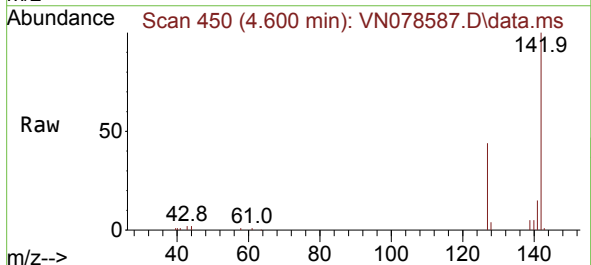
Instrument :
MSVOA_N
ClientSampleId :

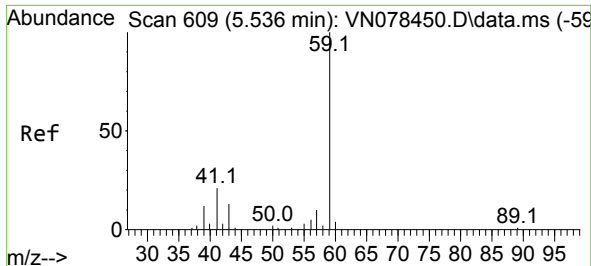
Tgt Ion:101 Resp: 97067
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 75.0 57.6 86.4



#10
Methyl Iodide
Concen: 18.261 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion:142 Resp: 122839
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 14.5 11.4 17.0

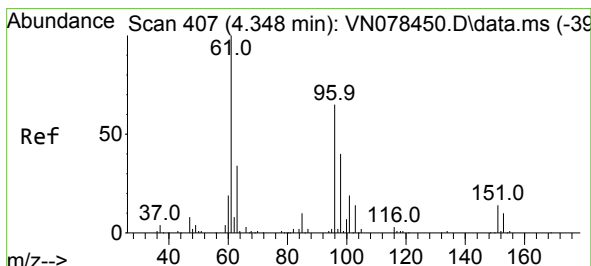
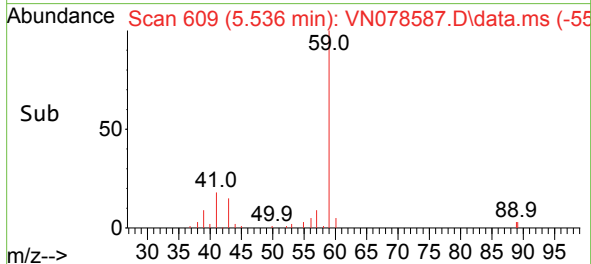
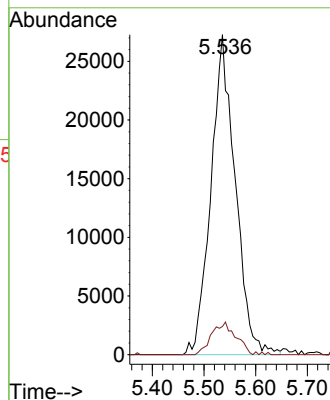
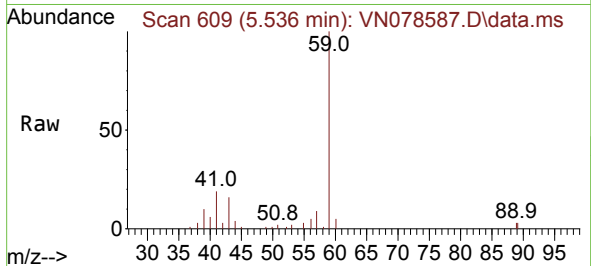




#11
Tert butyl alcohol
Concen: 96.251 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

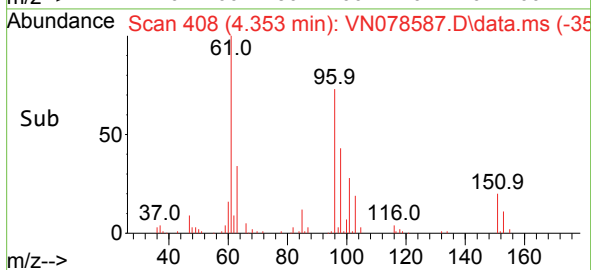
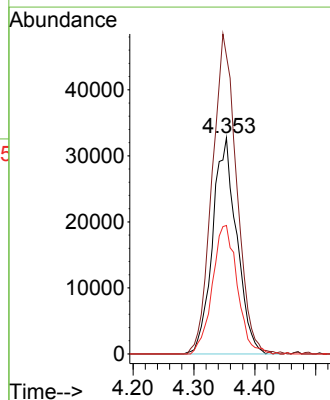
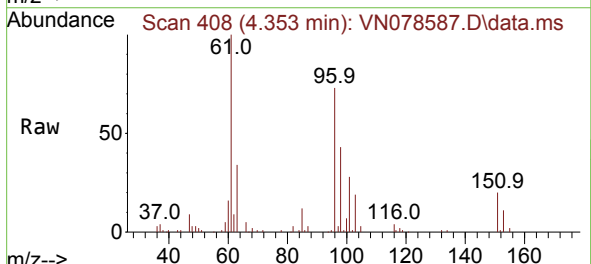
Instrument :
MSVOA_N
ClientSampleId :

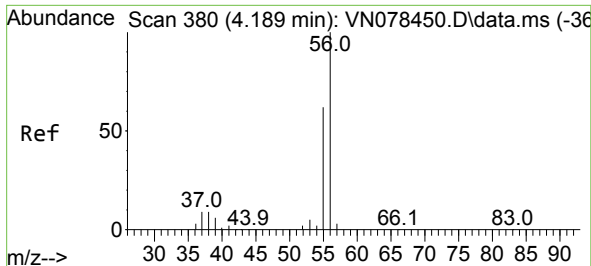
Tgt Ion: 59 Resp: 89293
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.012 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 96 Resp: 90028
Ion Ratio Lower Upper
96 100
61 137.8 112.7 169.1
98 59.4 51.2 76.8

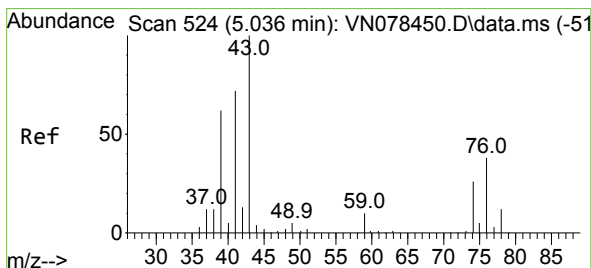
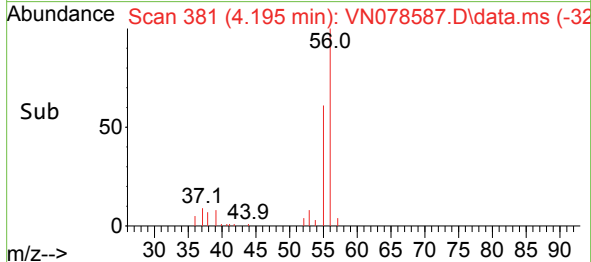
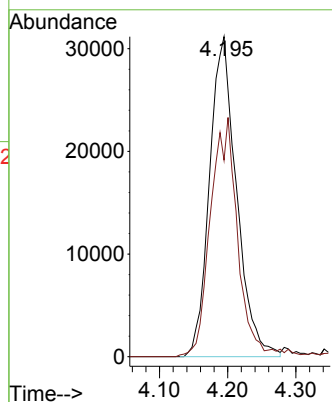
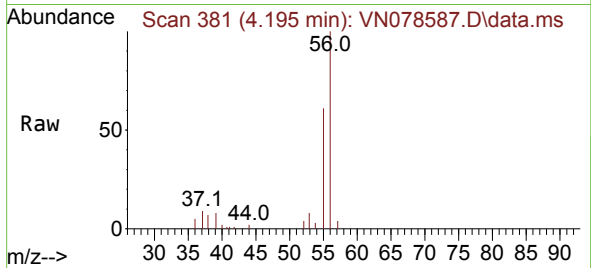




#13
Acrolein
Concen: 94.247 ug/l
RT: 4.195 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

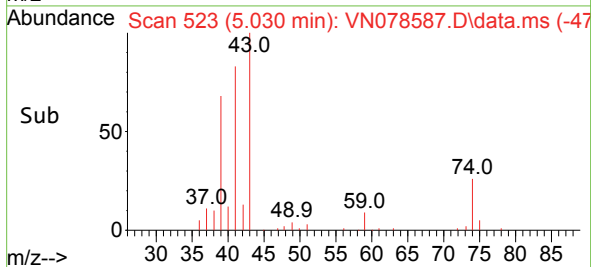
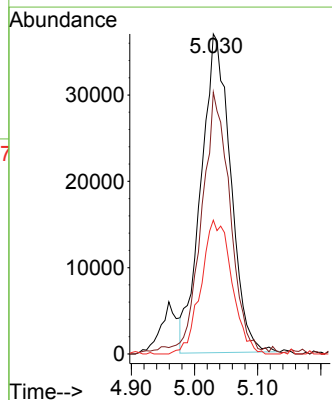
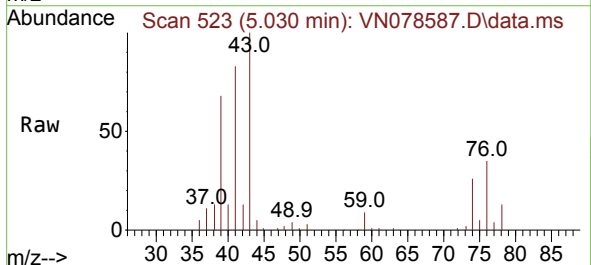
Instrument :
MSVOA_N
ClientSampleId :

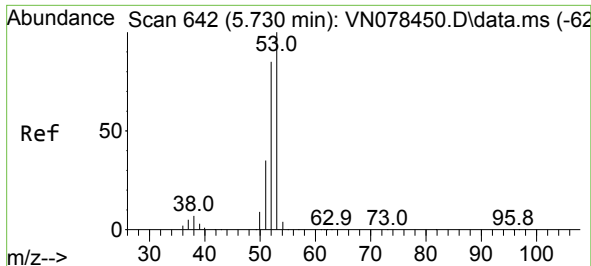
Tgt Ion: 56 Resp: 86023
Ion Ratio Lower Upper
56 100
55 73.6 54.5 81.7



#14
Allyl chloride
Concen: 18.503 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 41 Resp: 119721
Ion Ratio Lower Upper
41 100
39 80.4 58.8 88.2
76 43.8 39.1 58.7

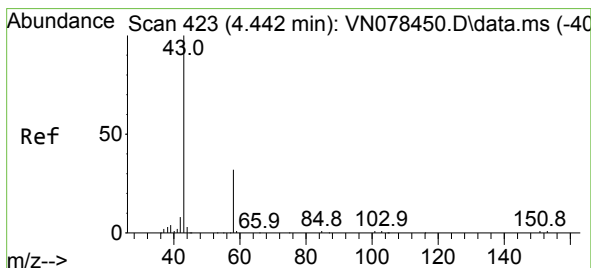
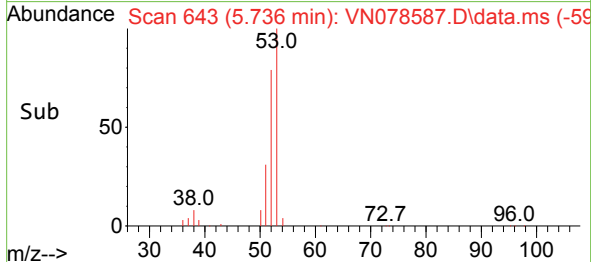
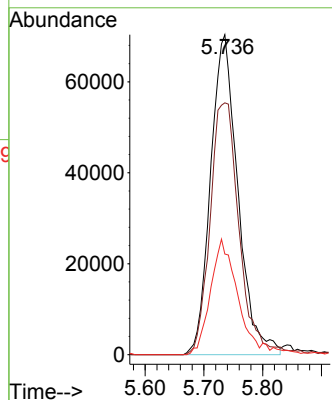
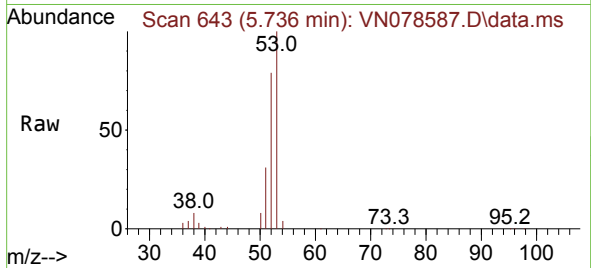




#15
Acrylonitrile
Concen: 96.930 ug/l
RT: 5.736 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

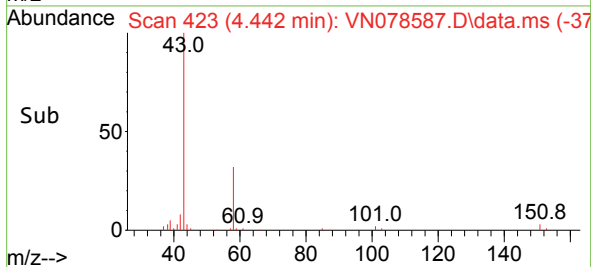
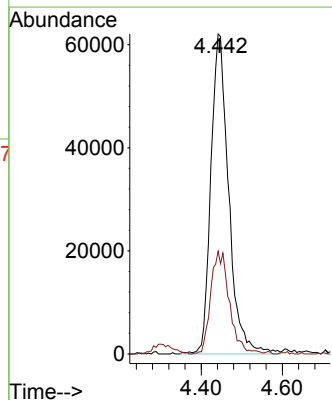
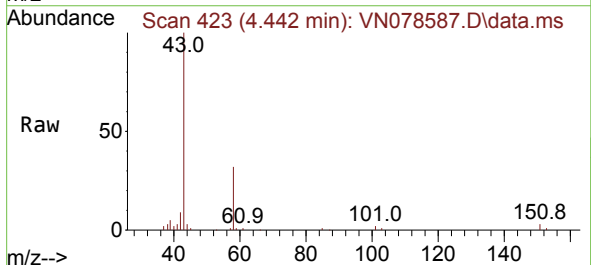
Instrument :
MSVOA_N
ClientSampleId :

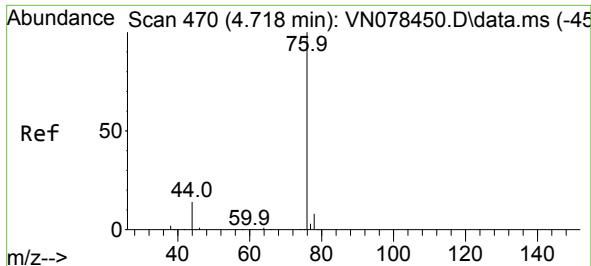
Tgt Ion: 53 Resp: 227201
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.1 28.9 43.3



#16
Acetone
Concen: 100.708 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 43 Resp: 188730
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17

Carbon Disulfide

Concen: 15.726 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

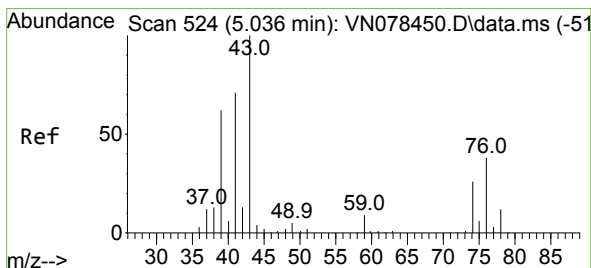
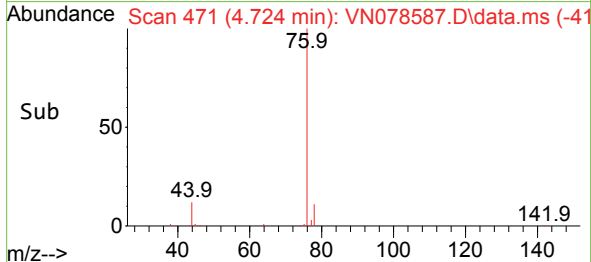
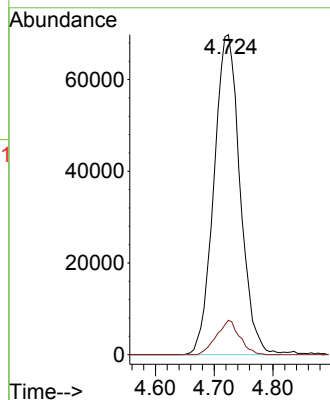
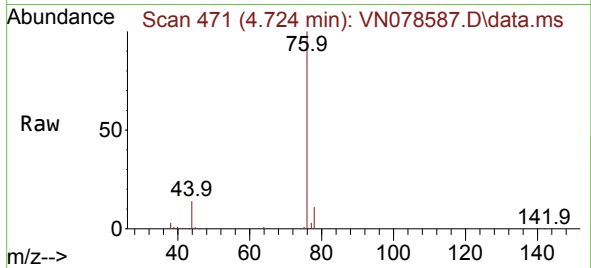
ClientSampleId :

Tgt Ion: 76 Resp: 215328

Ion Ratio Lower Upper

76 100

78 10.7 7.4 11.0



#18

Methyl Acetate

Concen: 20.188 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078587.D

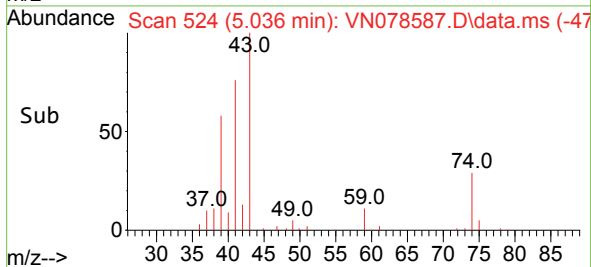
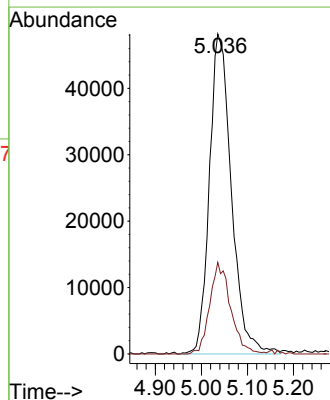
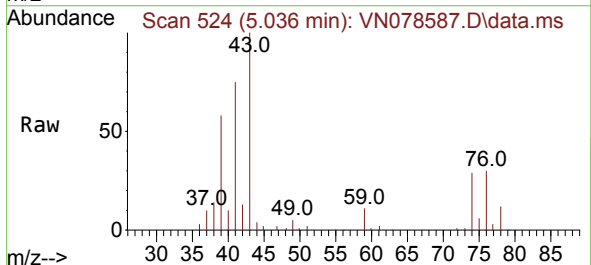
Acq: 20 Jul 2023 11:57

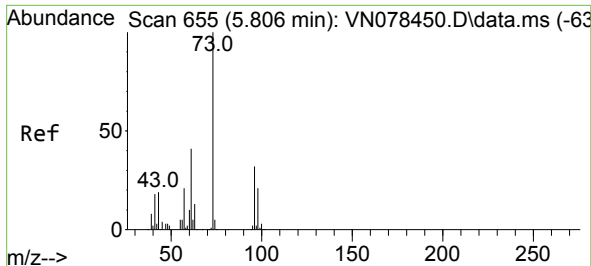
Tgt Ion: 43 Resp: 160154

Ion Ratio Lower Upper

43 100

74 27.0 26.2 39.4

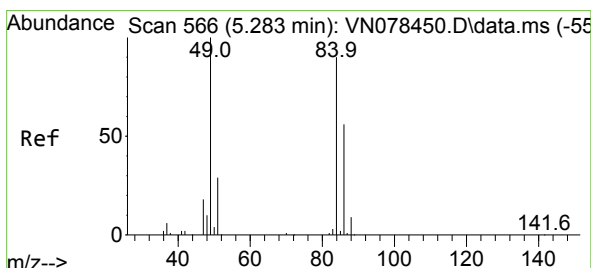
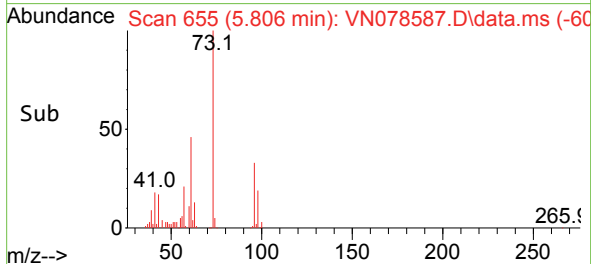
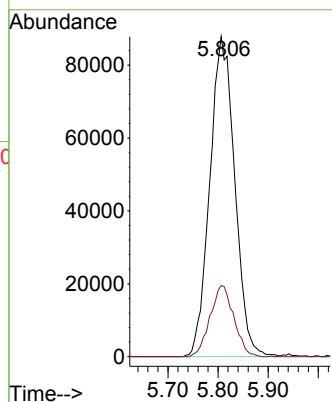
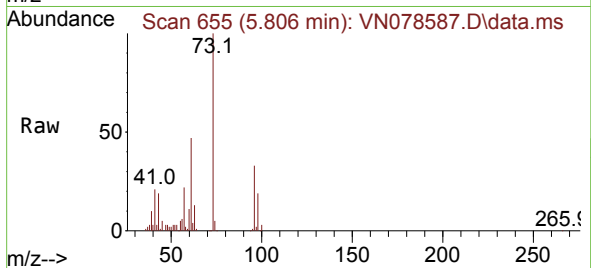




#19
Methyl tert-butyl Ether
Concen: 19.463 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

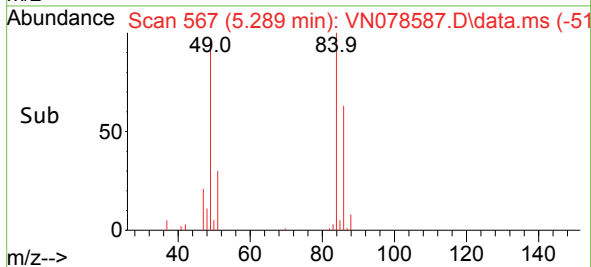
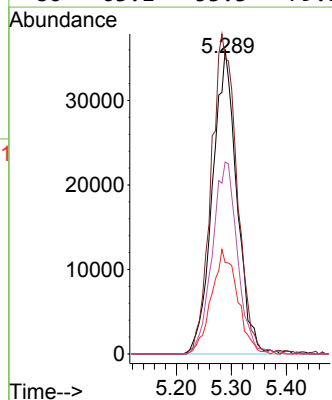
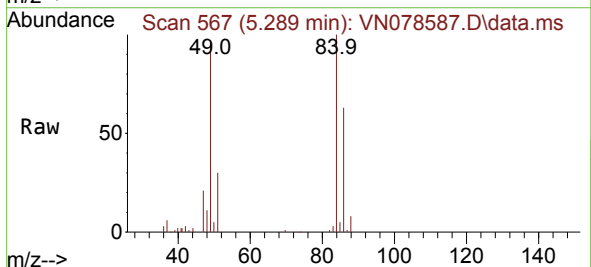
Instrument :
MSVOA_N
ClientSampleId :

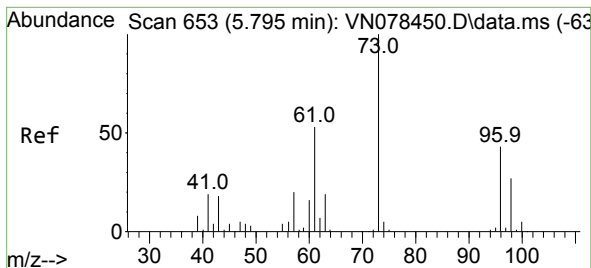
Tgt Ion: 73 Resp: 303657
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4



#20
Methylene Chloride
Concen: 19.925 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 84 Resp: 111061
Ion Ratio Lower Upper
84 100
49 97.0 79.7 119.5
51 30.0 25.2 37.8
86 63.1 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 18.484 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.001 min

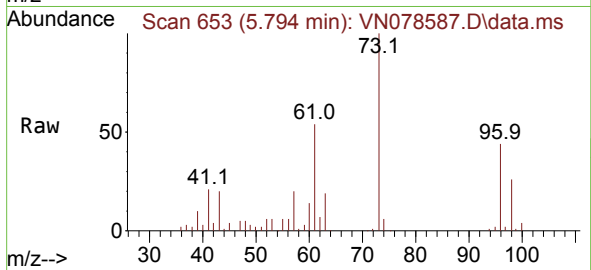
Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :



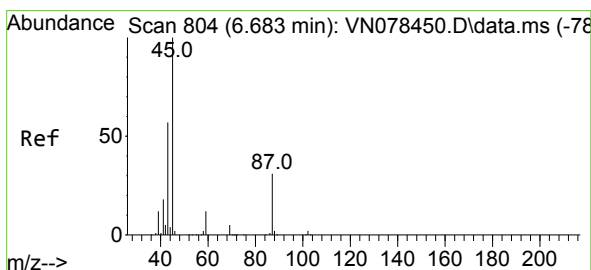
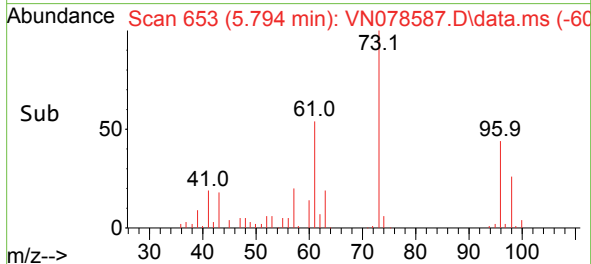
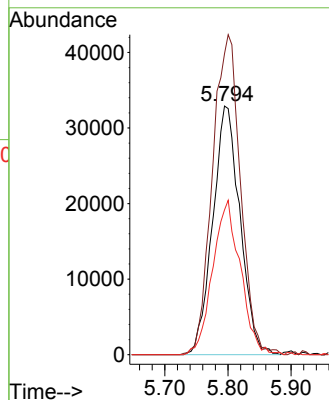
Tgt Ion: 96 Resp: 98631

Ion Ratio Lower Upper

96 100

61 121.0 90.1 135.1

98 58.2 46.4 69.6



#22

Diisopropyl ether

Concen: 20.612 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Tgt Ion: 45 Resp: 298631

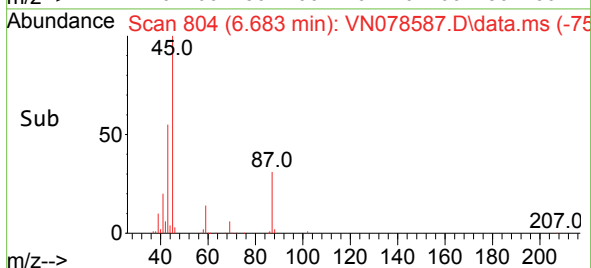
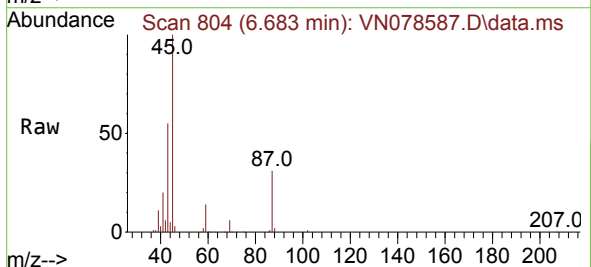
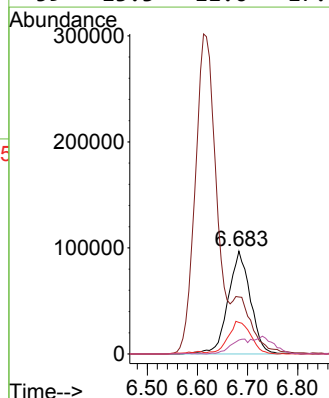
Ion Ratio Lower Upper

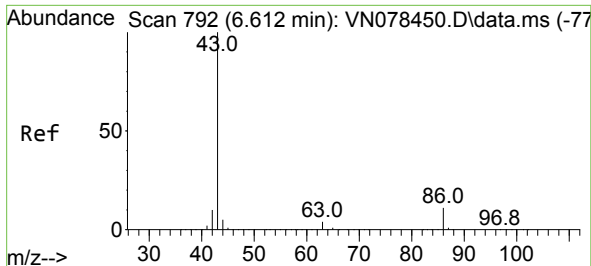
45 100

43 52.9 45.5 68.3

87 30.5 31.8 47.8#

59 13.3 11.6 17.4

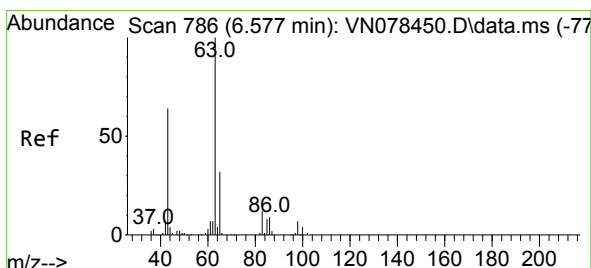
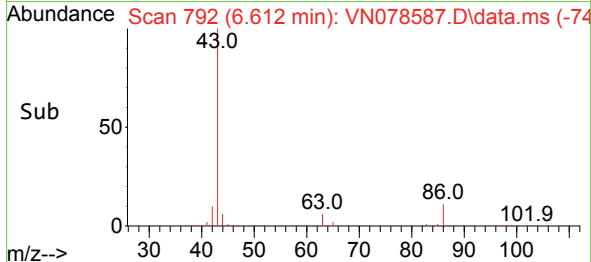
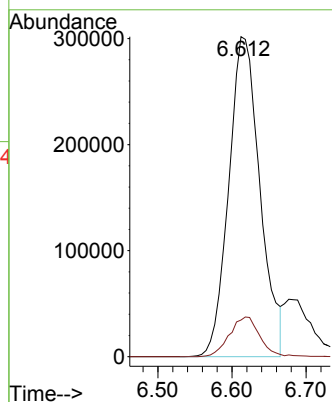
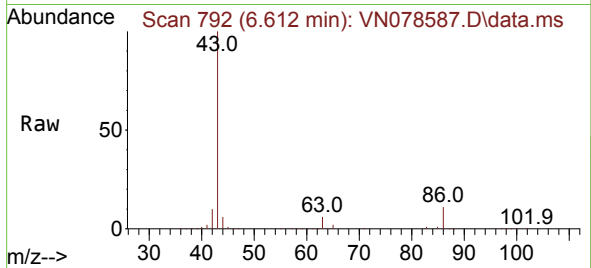




#23
 Vinyl Acetate
 Concen: 95.913 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

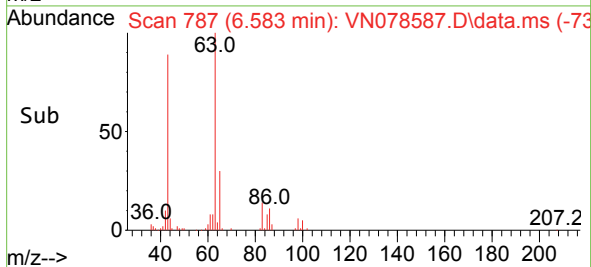
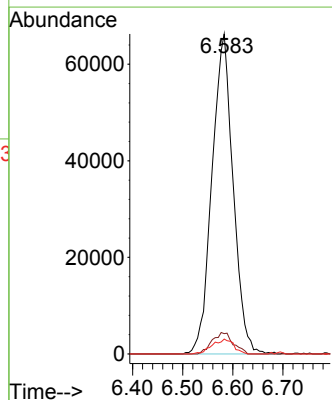
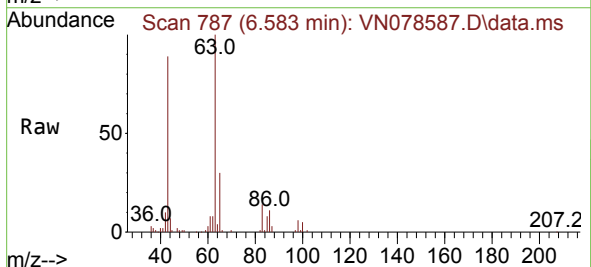
Instrument :
 MSVOA_N
 ClientSampleId :

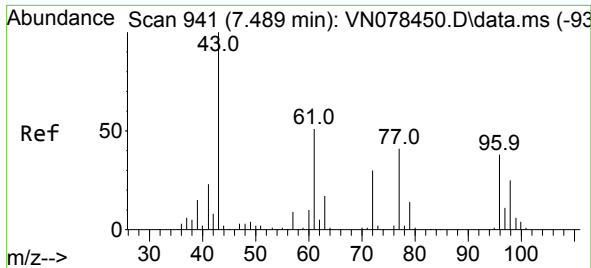
Tgt Ion: 43 Resp: 883431
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.906 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

Tgt Ion: 63 Resp: 194335
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.7 2.5 7.4

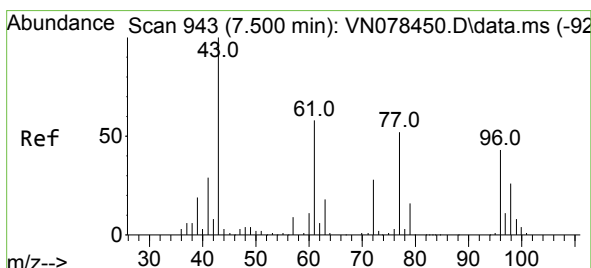
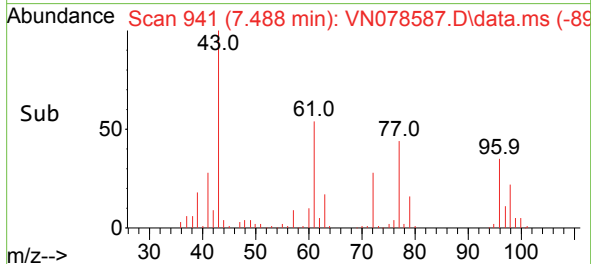
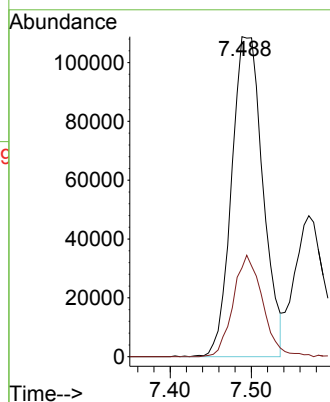
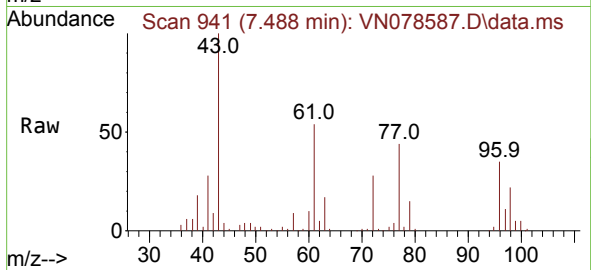




#25
2-Butanone
Concen: 98.778 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

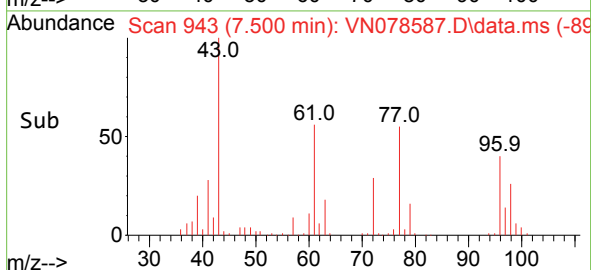
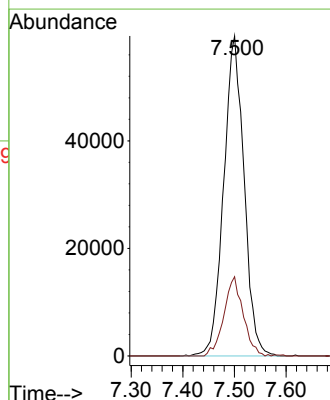
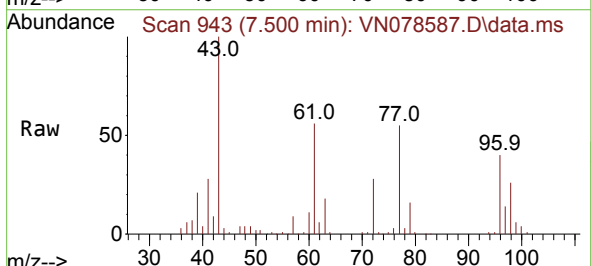
Instrument :
MSVOA_N
ClientSampleId :

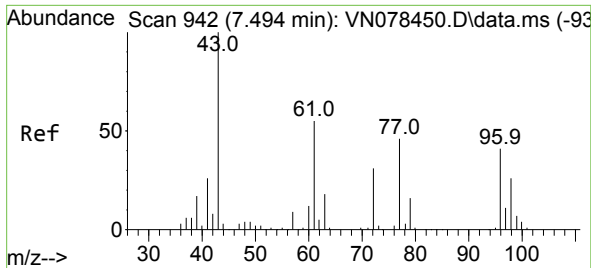
Tgt Ion: 43 Resp: 291395
Ion Ratio Lower Upper
43 100
72 27.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.384 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

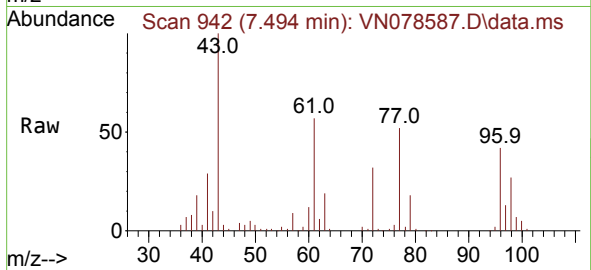
Tgt Ion: 77 Resp: 162765
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





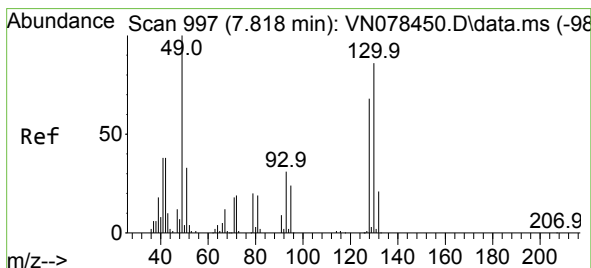
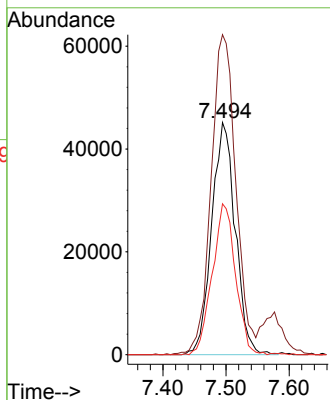
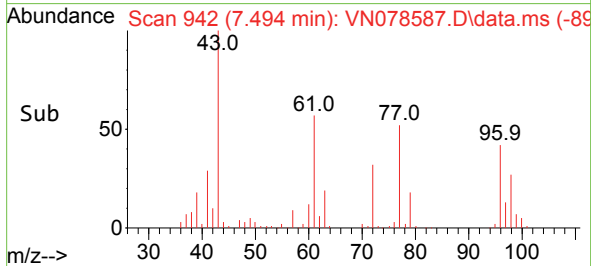
#27
 cis-1,2-Dichloroethene
 Concen: 18.991 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

Instrument :
 MSVOA_N
 ClientSampleId :

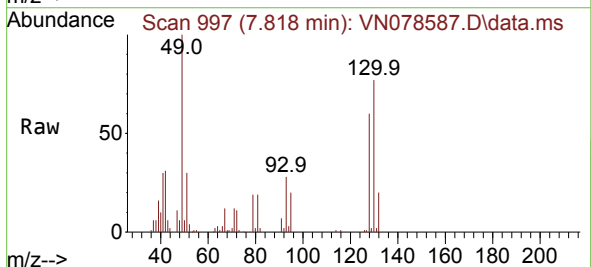


Tgt Ion: 96 Resp: 117228

Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	255.2
98	64.1	0.0	128.8

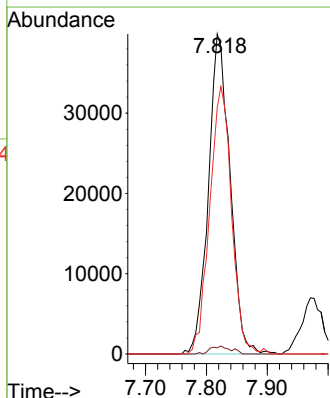
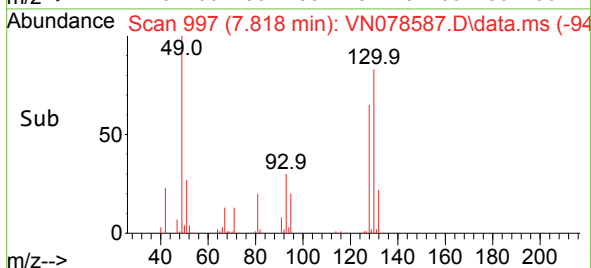


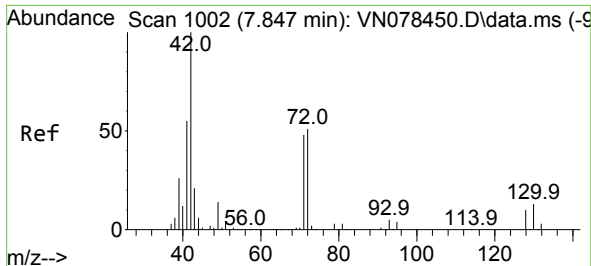
#28
 Bromochloromethane
 Concen: 21.410 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57



Tgt Ion: 49 Resp: 98450

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	84.1	75.3	112.9





#29

Tetrahydrofuran

Concen: 96.904 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

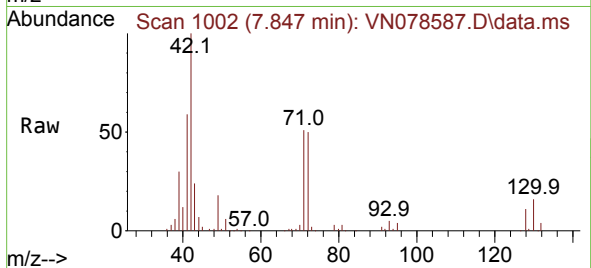
Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :



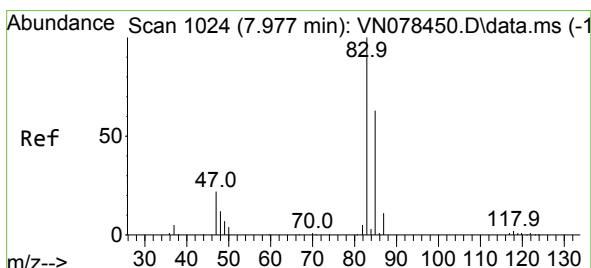
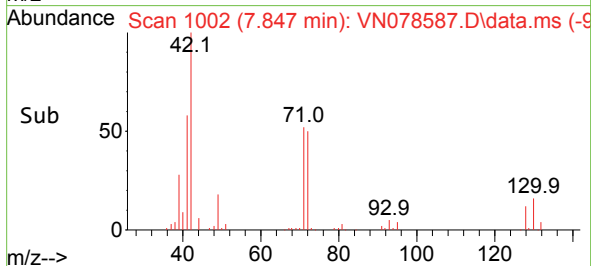
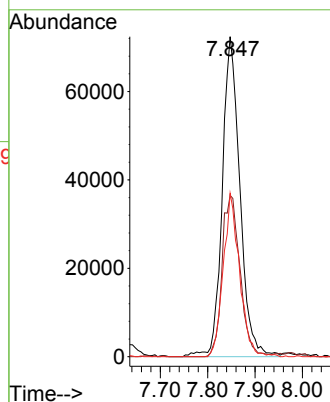
Tgt Ion: 42 Resp: 187575

Ion Ratio Lower Upper

42 100

72 51.3 49.8 74.6

71 47.2 47.4 71.2#



#30

Chloroform

Concen: 20.813 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078587.D

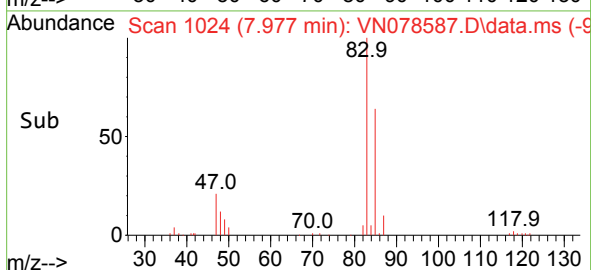
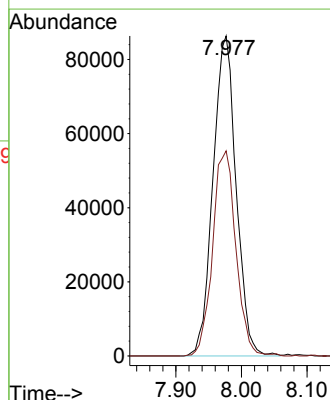
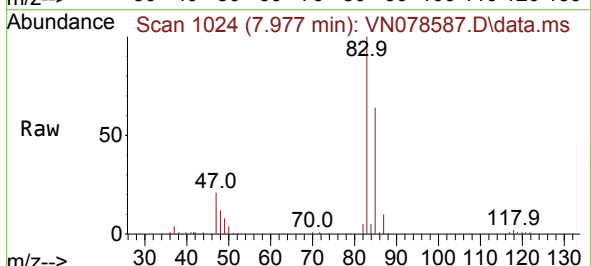
Acq: 20 Jul 2023 11:57

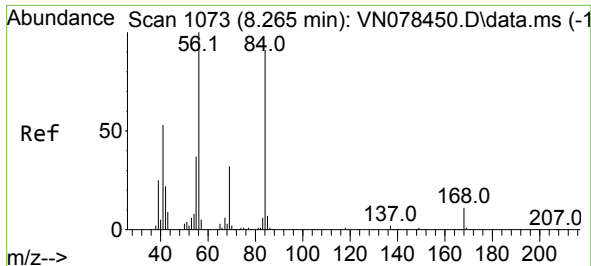
Tgt Ion: 83 Resp: 211545

Ion Ratio Lower Upper

83 100

85 64.1 55.4 83.0

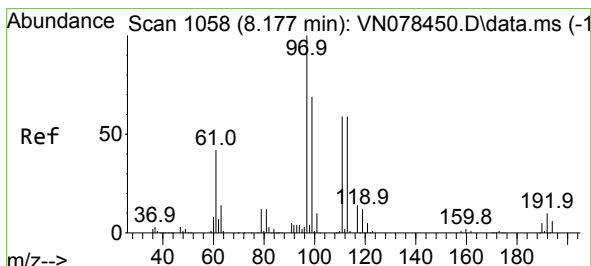
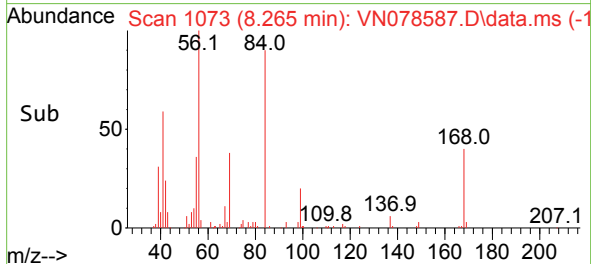
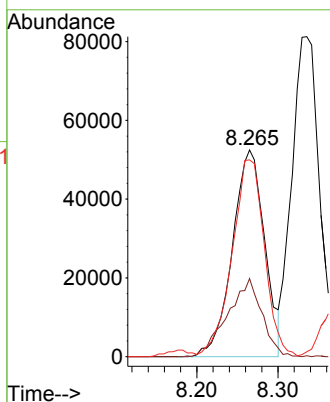
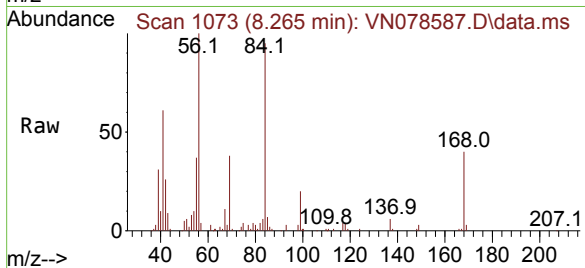




#31
Cyclohexane
Concen: 17.821 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

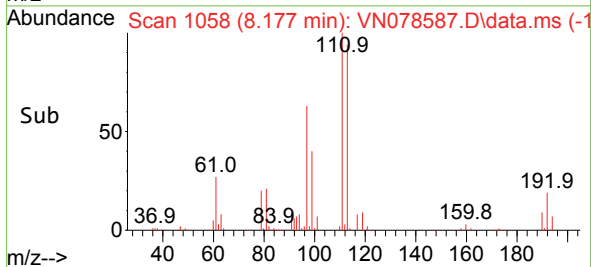
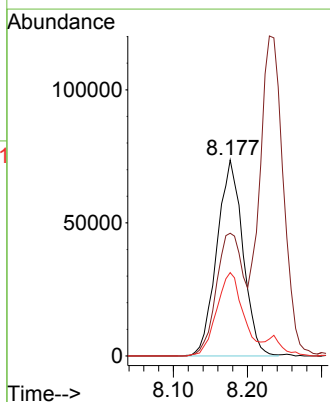
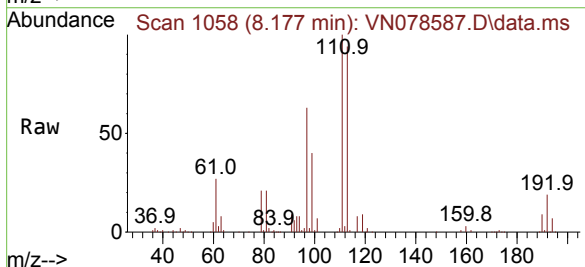
Instrument :
MSVOA_N
ClientSampleId :

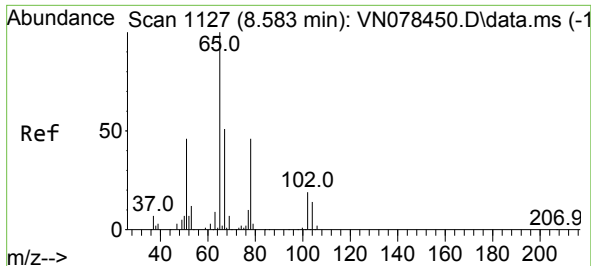
Tgt Ion: 56 Resp: 144892
Ion Ratio Lower Upper
56 100
69 37.7 26.8 40.2
84 92.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.724 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 97 Resp: 179738
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 43.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.847 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

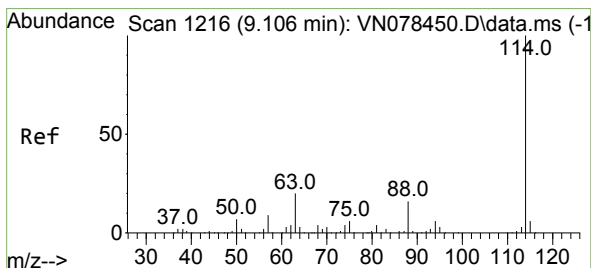
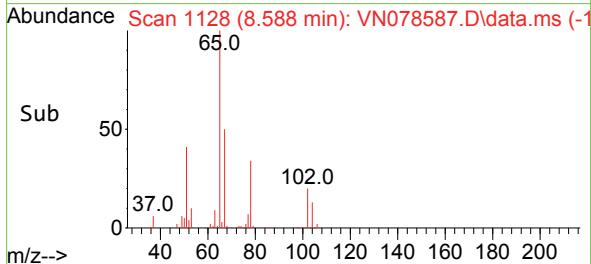
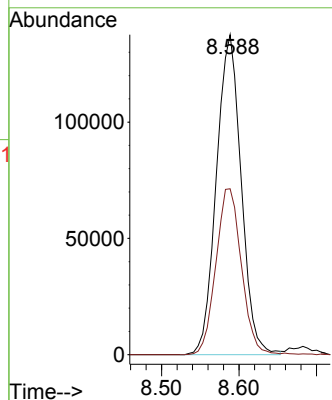
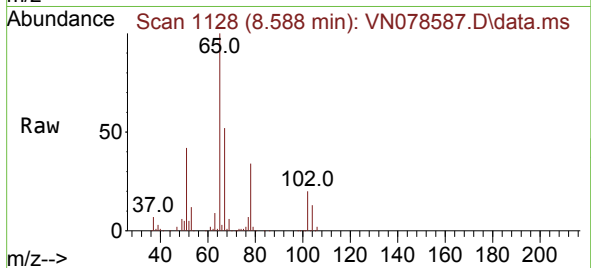
ClientSampleId :

Tgt Ion: 65 Resp: 305907

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

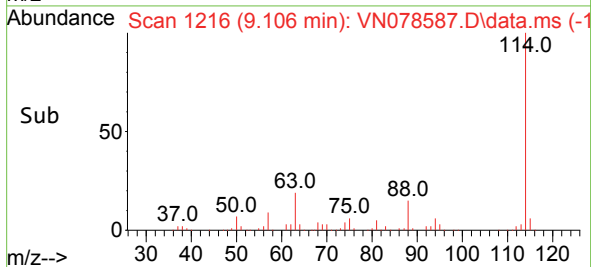
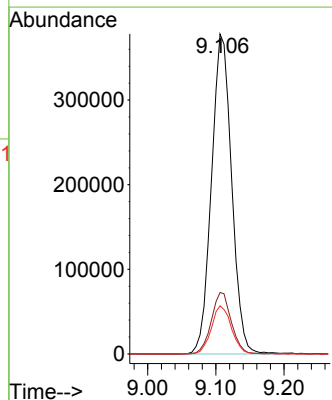
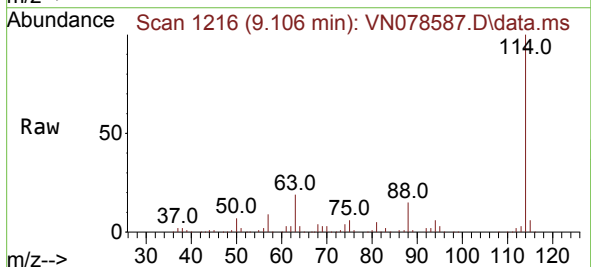
Tgt Ion: 114 Resp: 777957

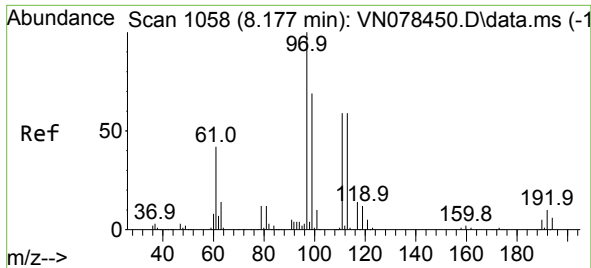
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.0 0.0 30.6

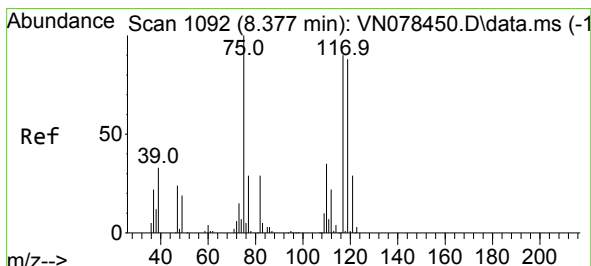
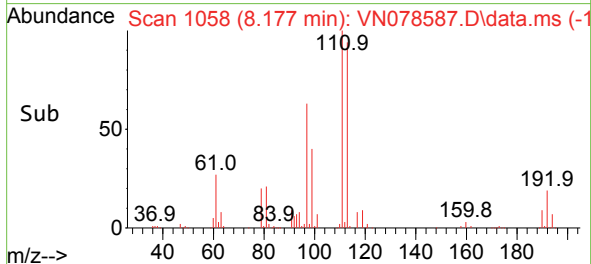
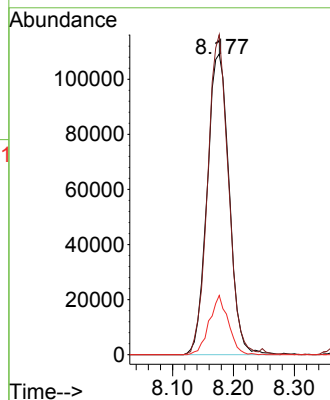
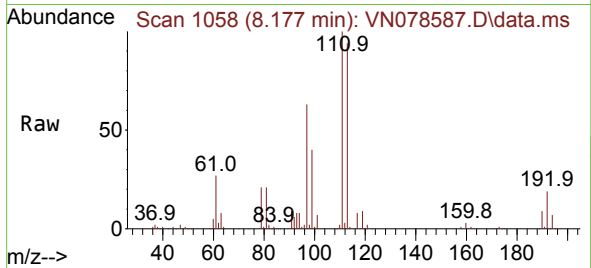




#35
Dibromofluoromethane
Concen: 51.892 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

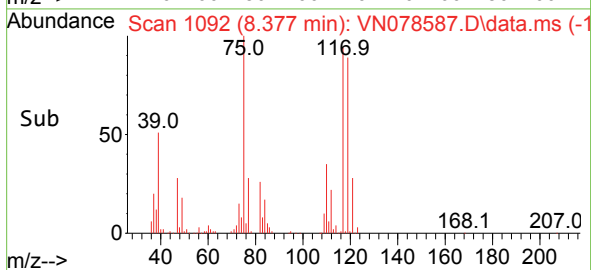
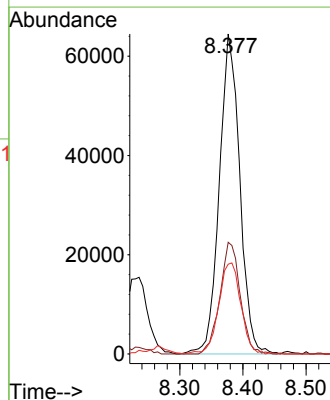
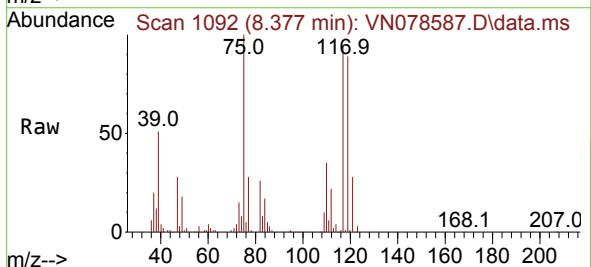
Instrument :
MSVOA_N
ClientSampleId :

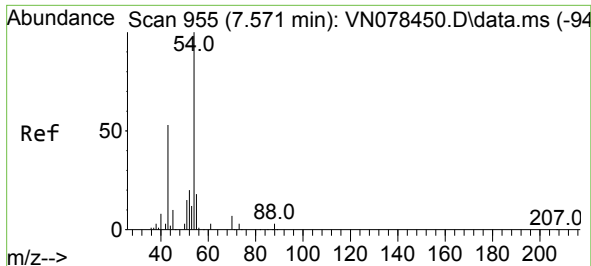
Tgt Ion:113 Resp: 274041
Ion Ratio Lower Upper
113 100
111 100.4 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.039 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

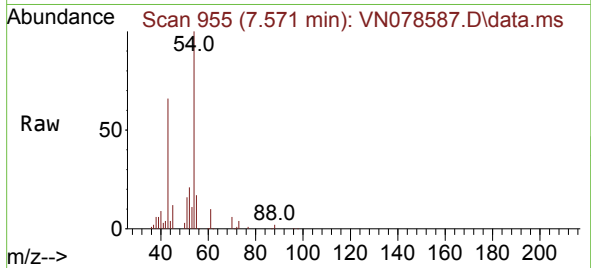
Tgt Ion: 75 Resp: 145175
Ion Ratio Lower Upper
75 100
110 34.7 19.1 57.3
77 30.9 25.0 37.4



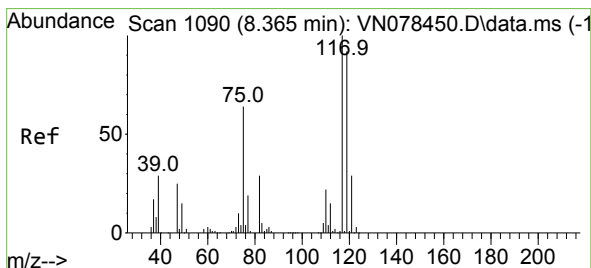
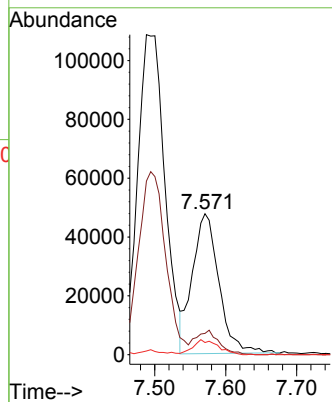
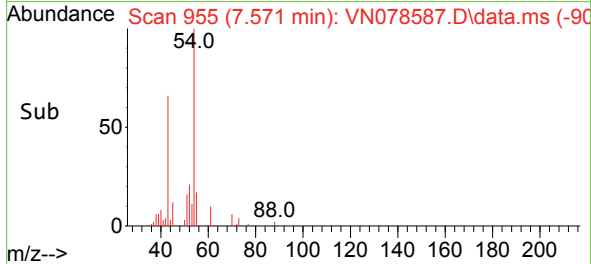


#37
Ethyl Acetate
Concen: 19.528 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :

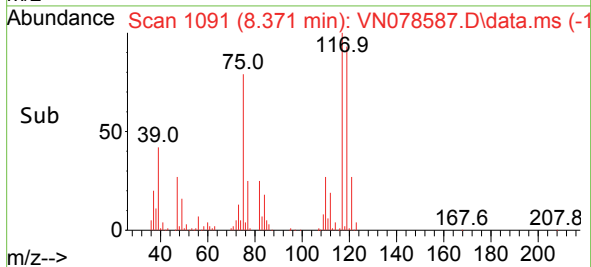
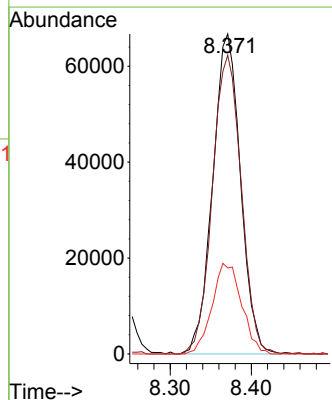
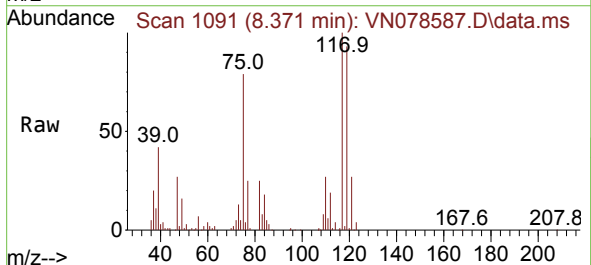


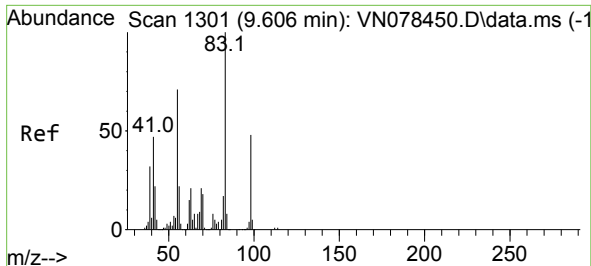
Tgt Ion: 43 Resp: 124133
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 10.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 19.148 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 117 Resp: 158688
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9
121 26.9 23.3 34.9





#39

Methylcyclohexane

Concen: 18.840 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

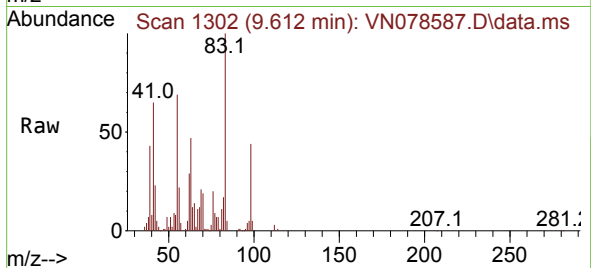
Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :



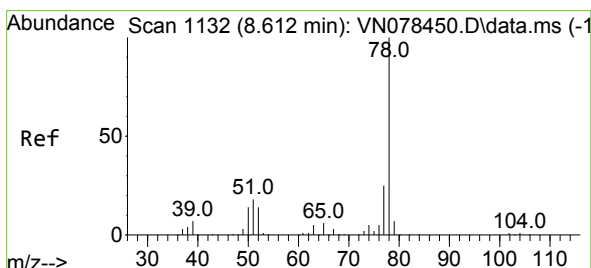
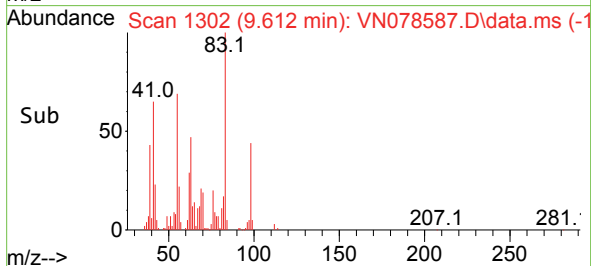
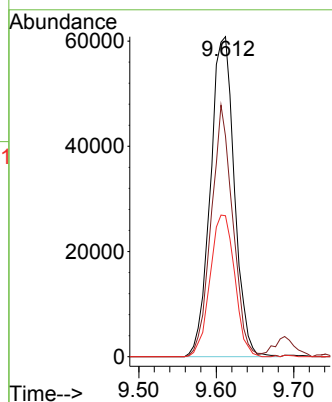
Tgt Ion: 83 Resp: 131136

Ion Ratio Lower Upper

83 100

55 69.0 49.1 73.7

98 44.1 40.6 61.0



#40

Benzene

Concen: 19.890 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078587.D

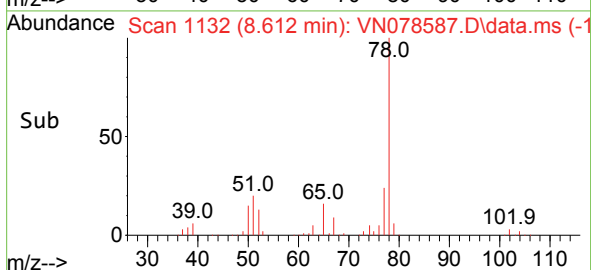
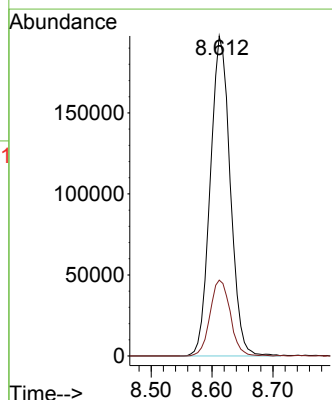
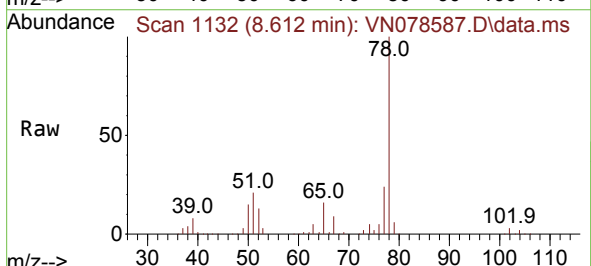
Acq: 20 Jul 2023 11:57

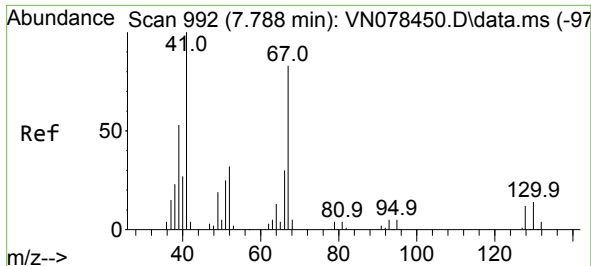
Tgt Ion: 78 Resp: 449321

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

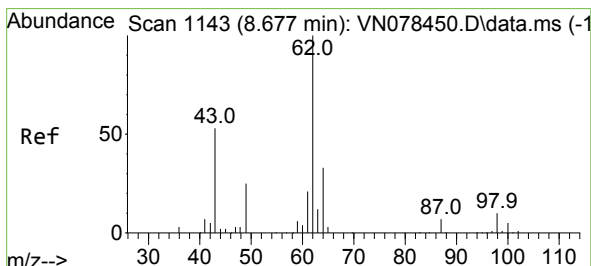
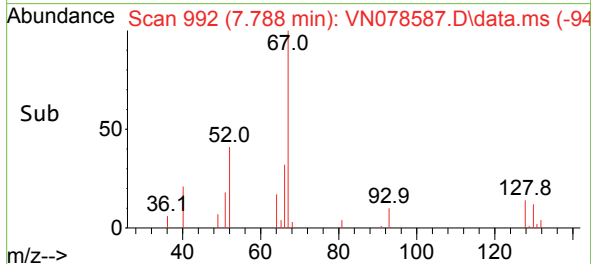
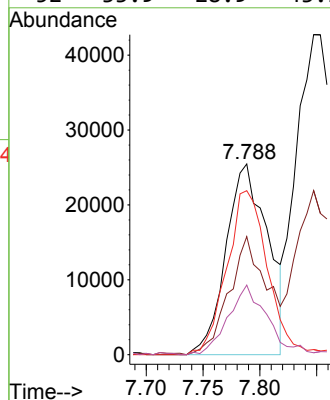
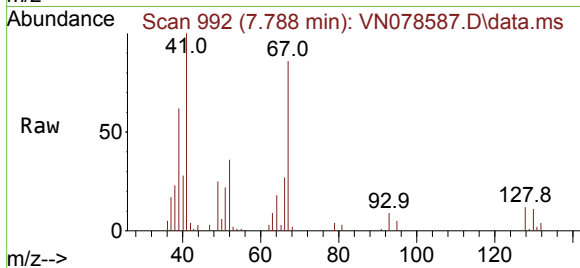




#41
Methacrylonitrile
Concen: 20.086 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

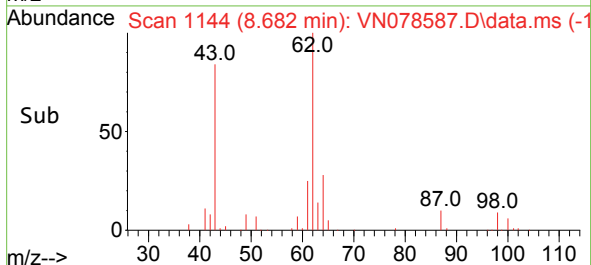
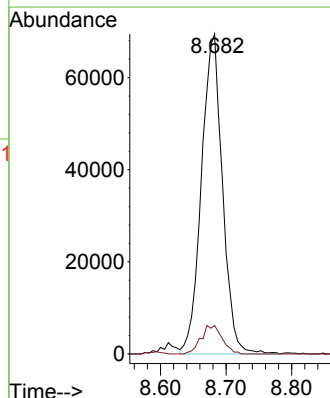
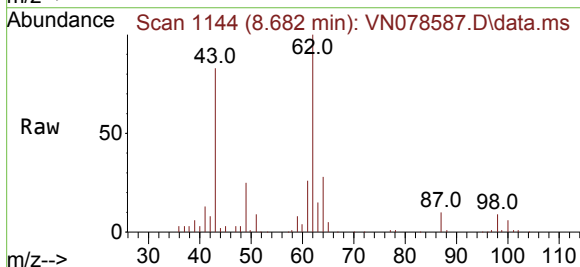
Instrument :
MSVOA_N
ClientSampleId :

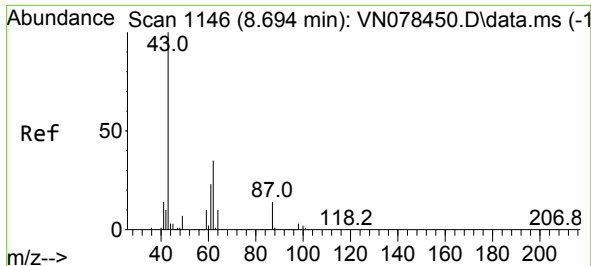
Tgt Ion: 41	Resp: 65088
Ion Ratio	Lower Upper
41 100	
39 56.2	42.6 64.0
67 84.5	77.5 116.3
52 33.9	28.9 43.3



#42
1,2-Dichloroethane
Concen: 20.165 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 62	Resp: 154947
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.8

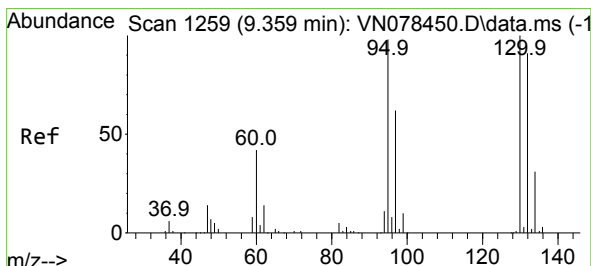
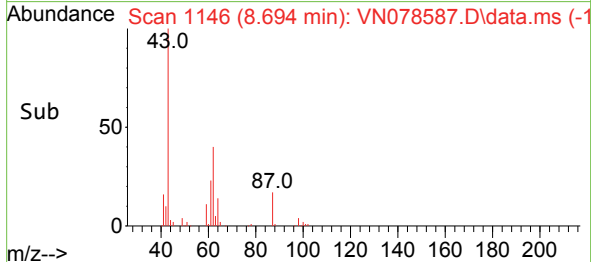
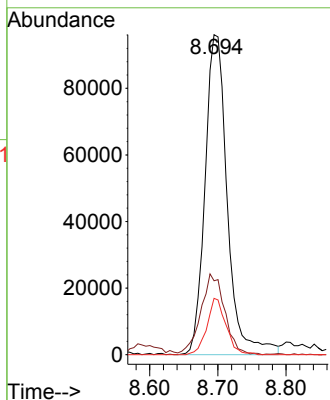
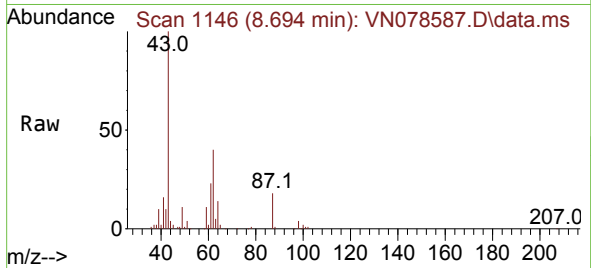




#43
Isopropyl Acetate
Concen: 20.931 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

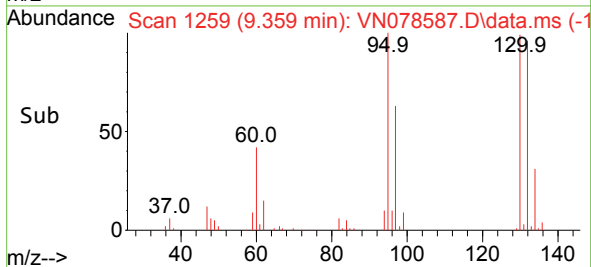
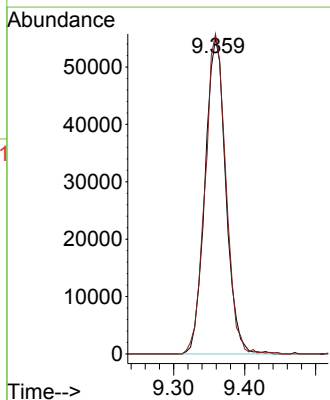
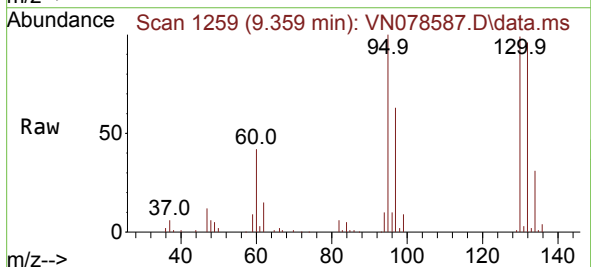
Instrument :
MSVOA_N
ClientSampleId :

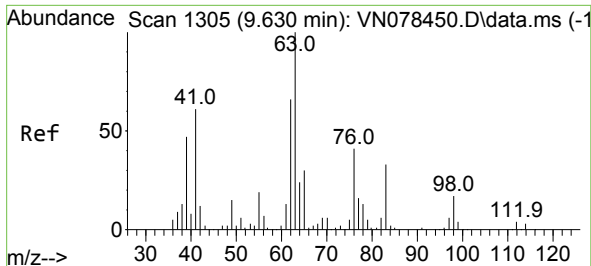
Tgt Ion: 43 Resp: 219054
Ion Ratio Lower Upper
43 100
61 27.0 24.7 37.1
87 15.1 14.6 21.8



#44
Trichloroethene
Concen: 18.351 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion:130 Resp: 111731
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.564 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

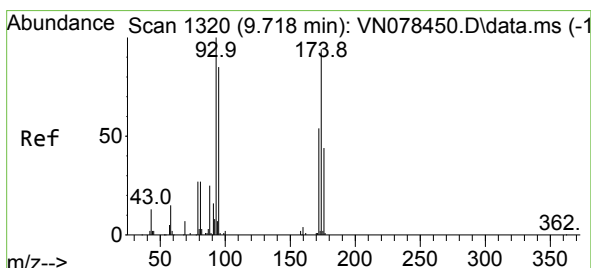
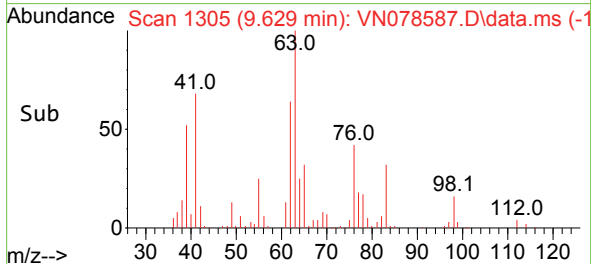
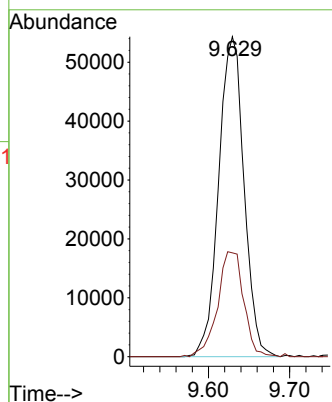
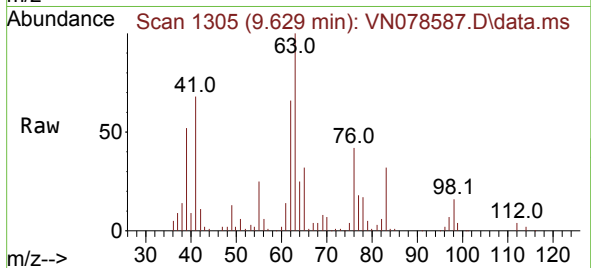
ClientSampleId :

Tgt Ion: 63 Resp: 117658

Ion Ratio Lower Upper

63 100

65 32.4 23.9 35.9



#46

Dibromomethane

Concen: 20.251 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

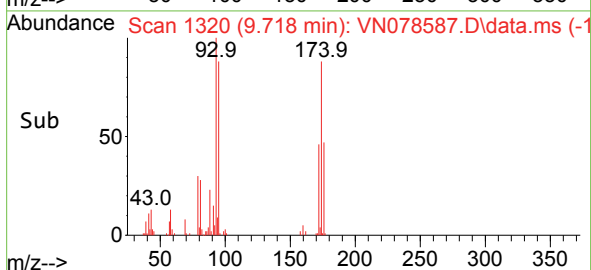
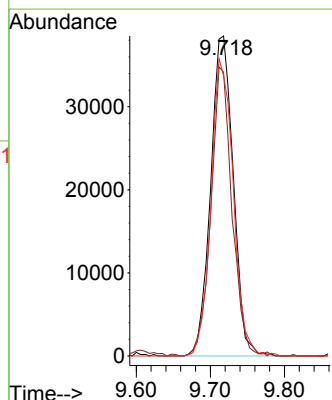
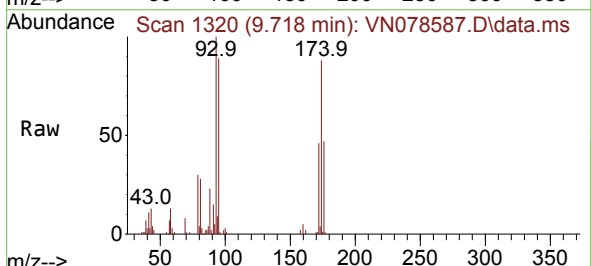
Tgt Ion: 93 Resp: 81552

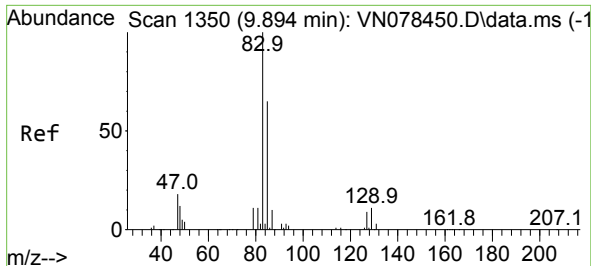
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

174 91.0 65.6 98.4

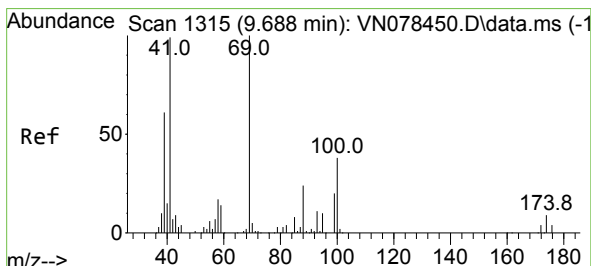
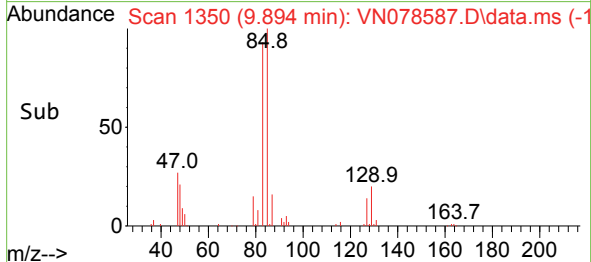
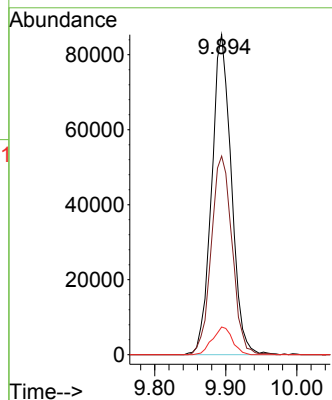
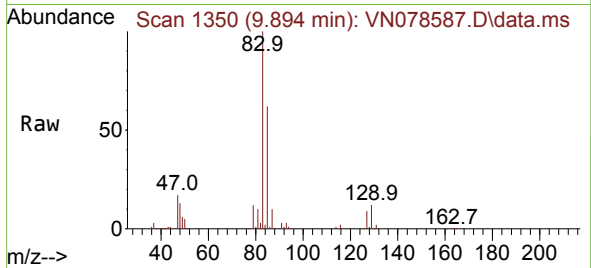




#47
Bromodichloromethane
Concen: 20.333 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

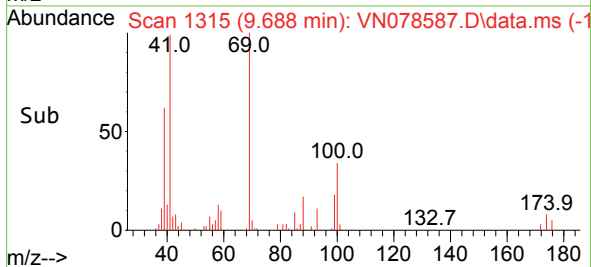
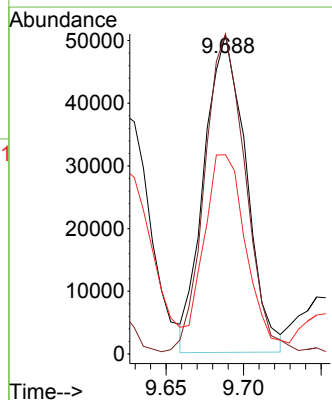
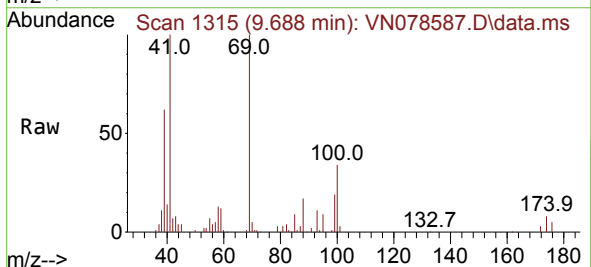
Instrument :
MSVOA_N
ClientSampleId :

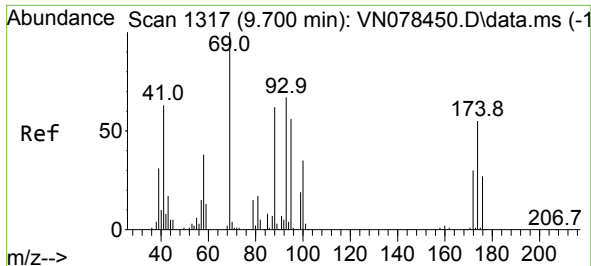
Tgt Ion: 83 Resp: 164134
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 19.631 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 41 Resp: 95180
Ion Ratio Lower Upper
41 100
69 99.3 90.4 135.6
39 64.1 54.6 81.8





#49

1,4-Dioxane

Concen: 348.925 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

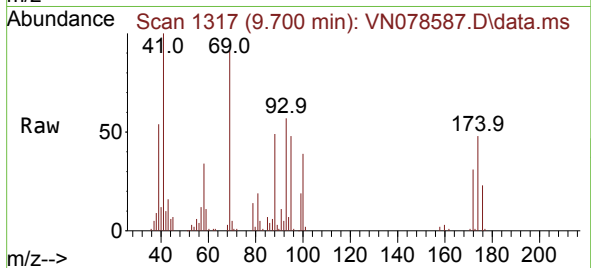
Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

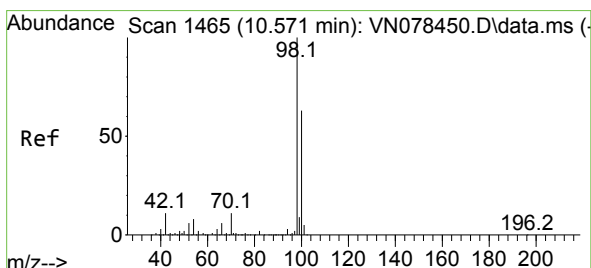
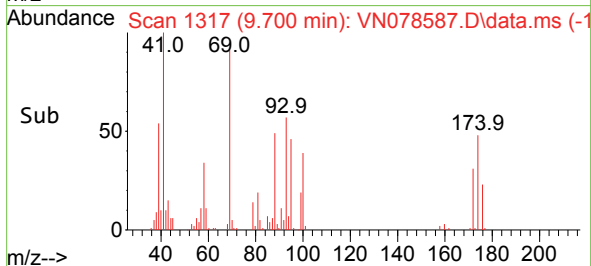
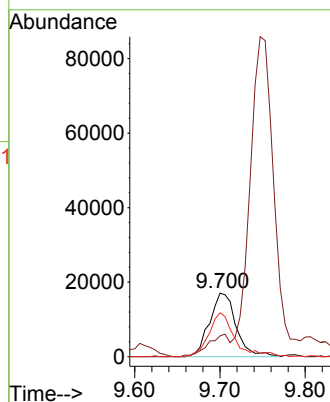
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	36894
Ion	Ratio	Lower	Upper
88	100		
43	28.3	17.0	25.6#
58	67.3	47.0	70.4



#50

Toluene-d8

Concen: 48.941 ug/l

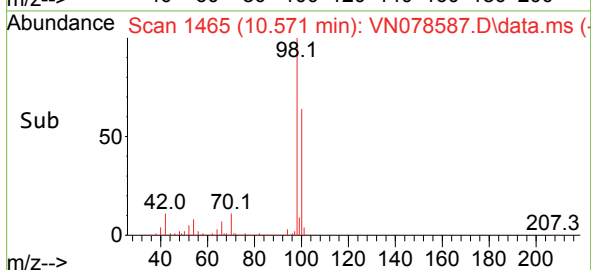
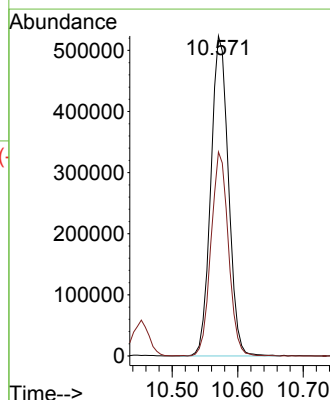
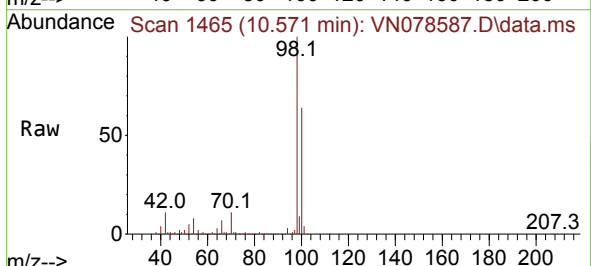
RT: 10.571 min Scan# 1465

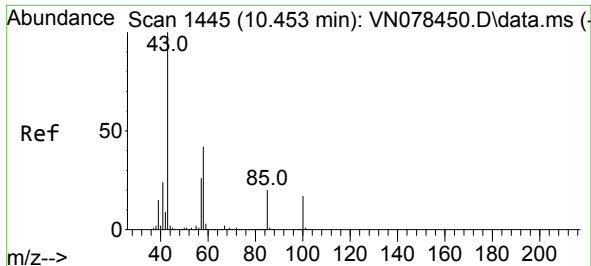
Delta R.T. -0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Tgt Ion:	98	Resp:	976387
Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.0	78.0

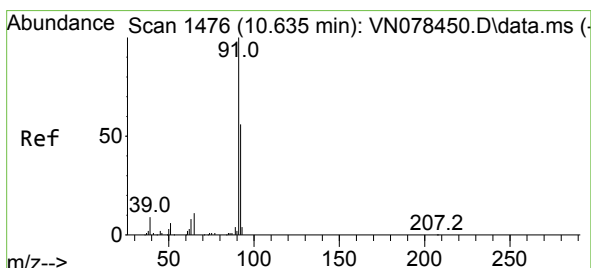
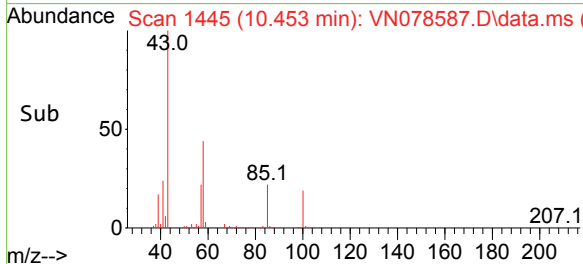
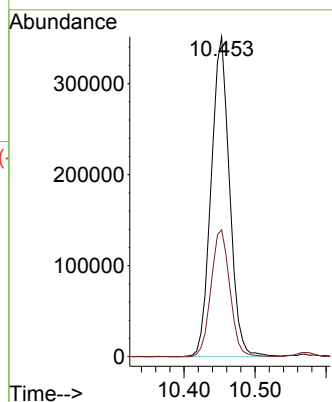
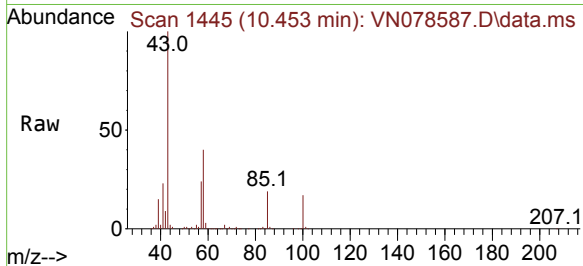




#51
4-Methyl-2-Pentanone
Concen: 101.616 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

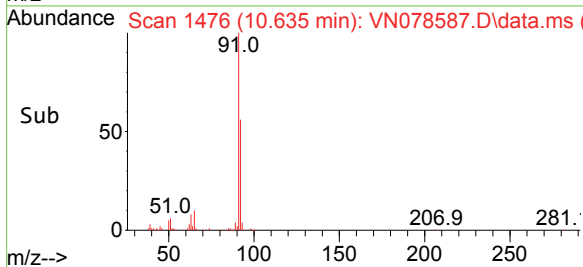
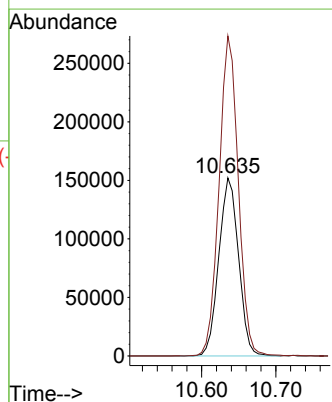
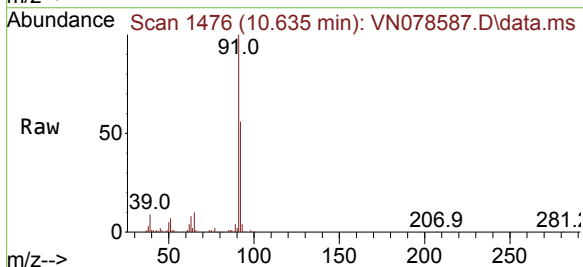
Instrument :
MSVOA_N
ClientSampleId :

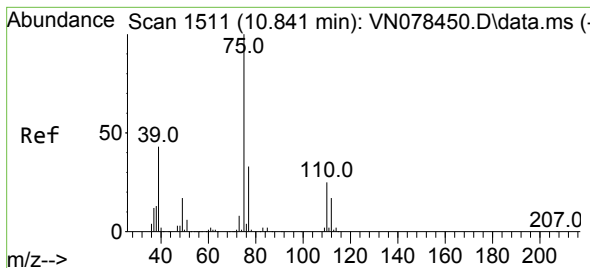
Tgt Ion: 43 Resp: 632549
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8



#52
Toluene
Concen: 20.104 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 92 Resp: 281472
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0

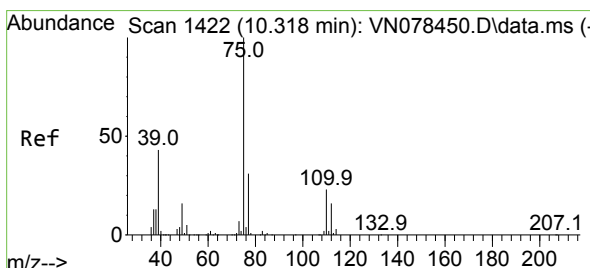
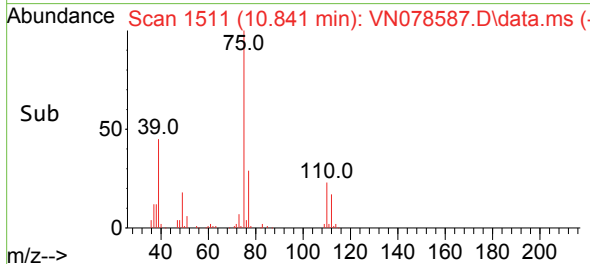
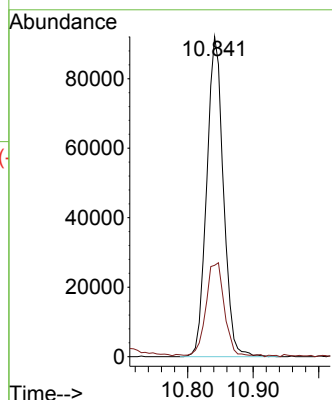
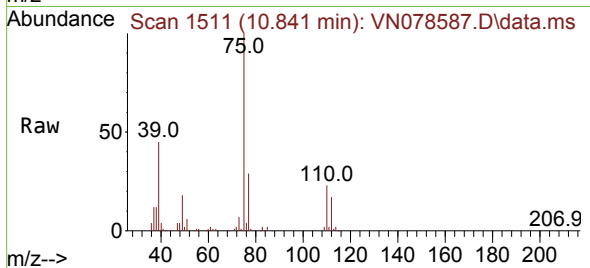




#53
t-1,3-Dichloropropene
Concen: 19.701 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

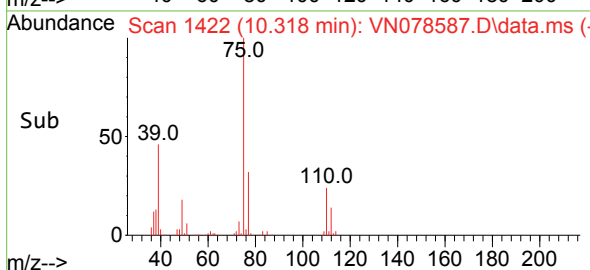
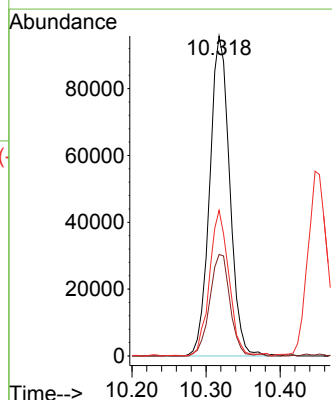
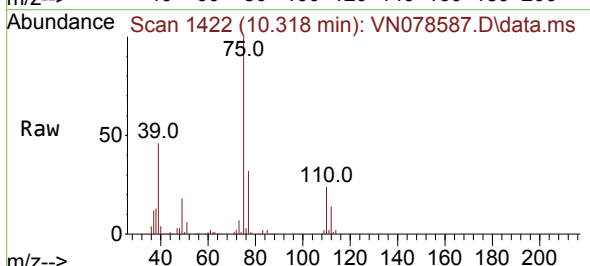
Instrument :
MSVOA_N
ClientSampleId :

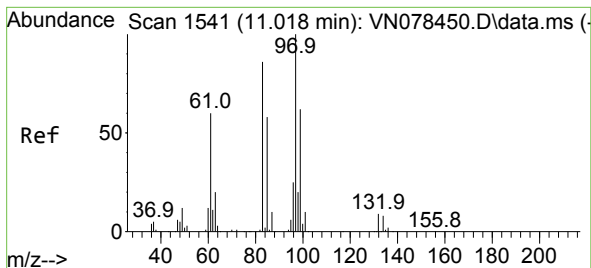
Tgt Ion: 75 Resp: 162926
Ion Ratio Lower Upper
75 100
77 28.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.361 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 75 Resp: 179489
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 45.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.048 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 116107

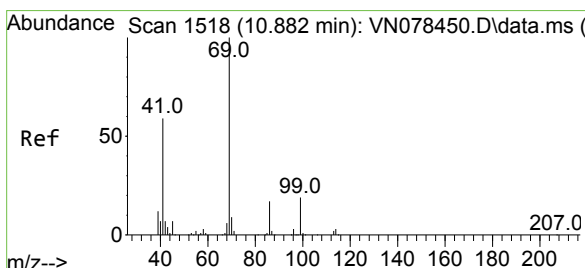
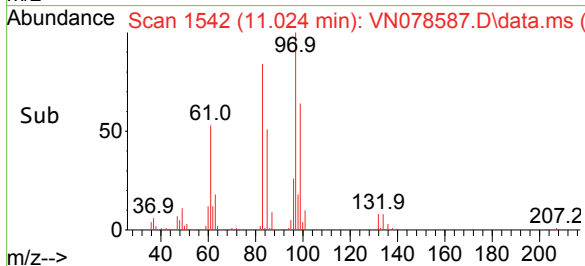
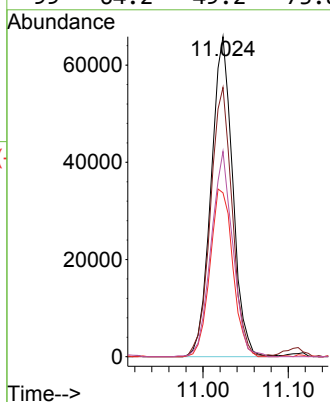
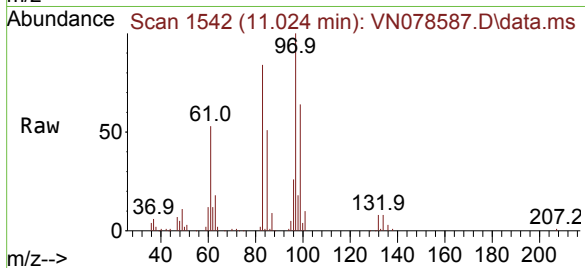
Ion Ratio Lower Upper

97 100

83 84.1 65.1 97.7

85 51.2 43.4 65.2

99 64.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.460 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

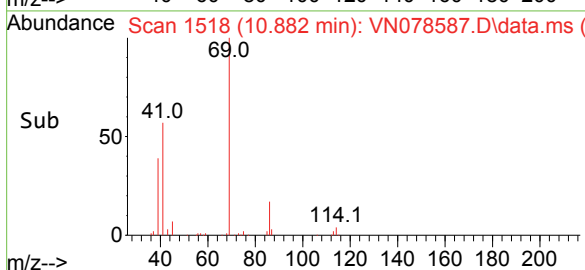
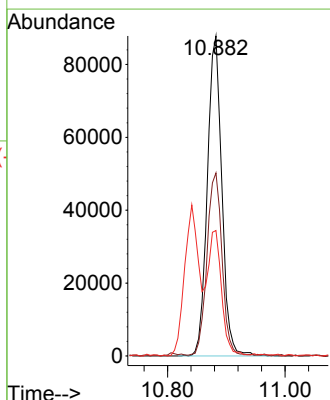
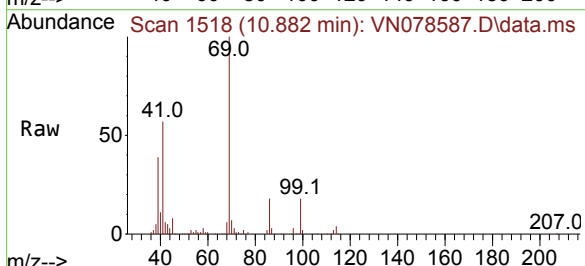
Tgt Ion: 69 Resp: 150063

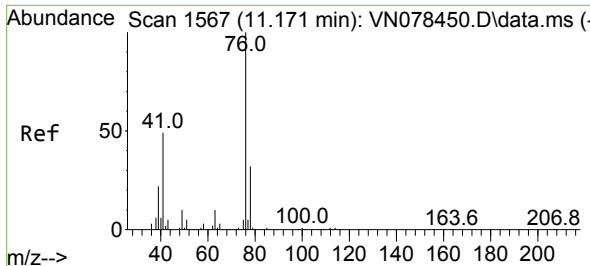
Ion Ratio Lower Upper

69 100

41 58.7 39.6 59.4

39 38.2 28.6 43.0

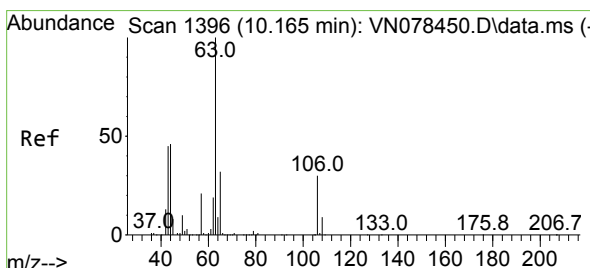
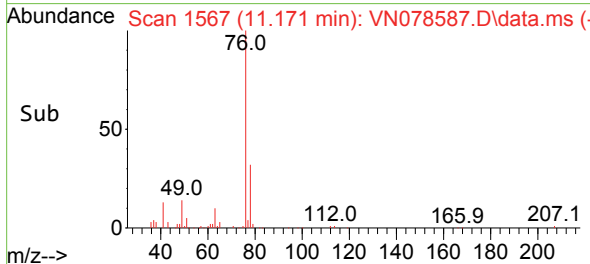
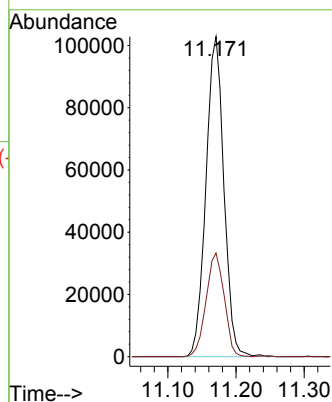
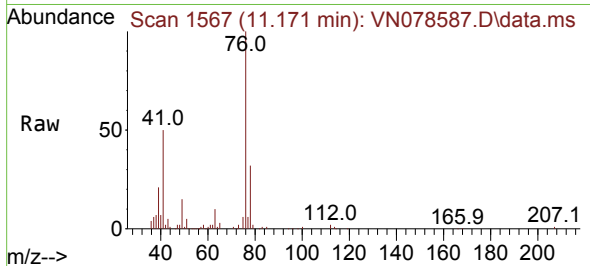




#57
1,3-Dichloropropane
Concen: 20.093 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

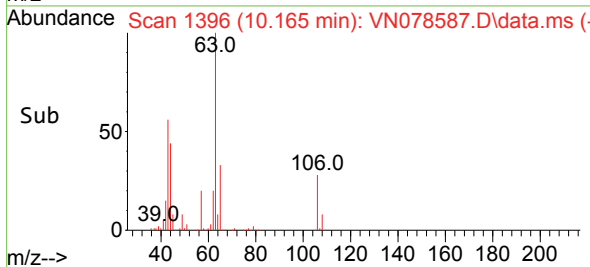
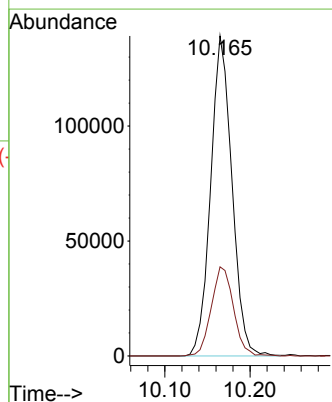
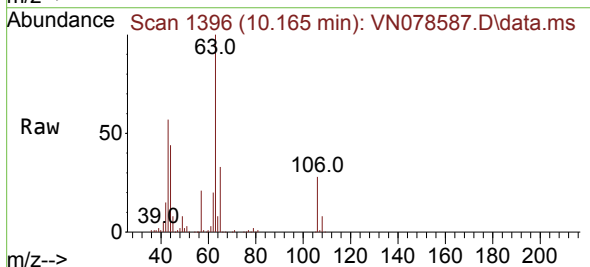
Instrument :
MSVOA_N
ClientSampleId :

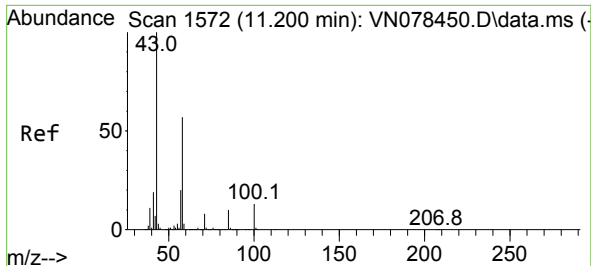
Tgt Ion: 76 Resp: 188463
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 88.083 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 63 Resp: 242060
Ion Ratio Lower Upper
63 100
106 29.0 26.2 39.4

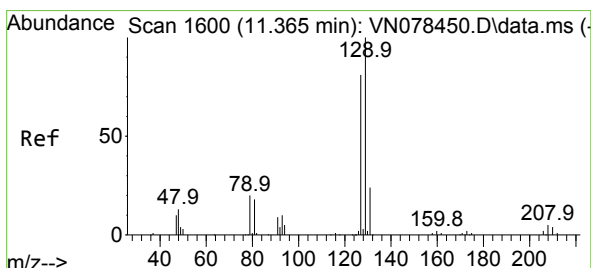
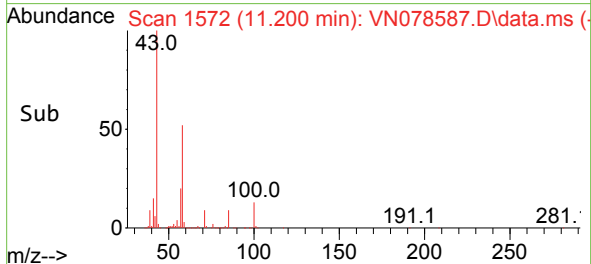
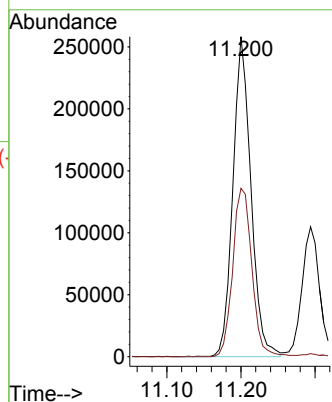
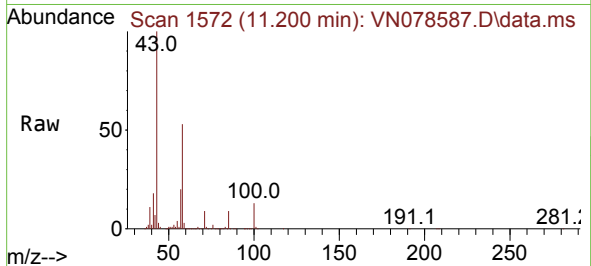




#59
2-Hexanone
Concen: 98.483 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

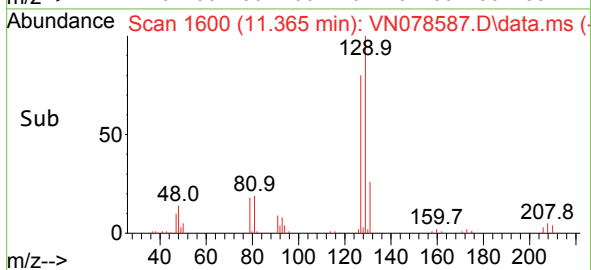
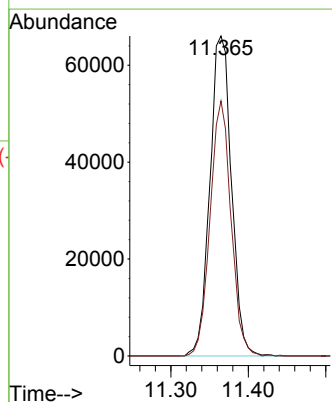
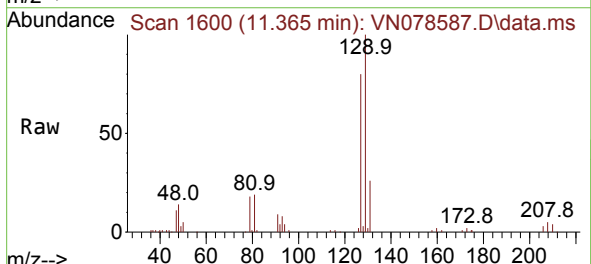
Instrument :
MSVOA_N
ClientSampleId :

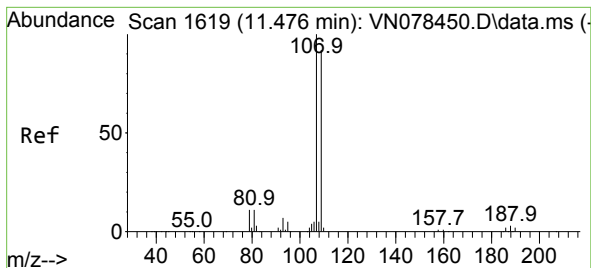
Tgt Ion: 43 Resp: 435698
Ion Ratio Lower Upper
43 100
58 55.9 31.7 95.1



#60
Dibromochloromethane
Concen: 20.962 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 129 Resp: 127659
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

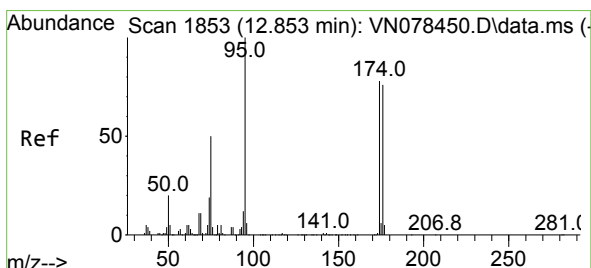
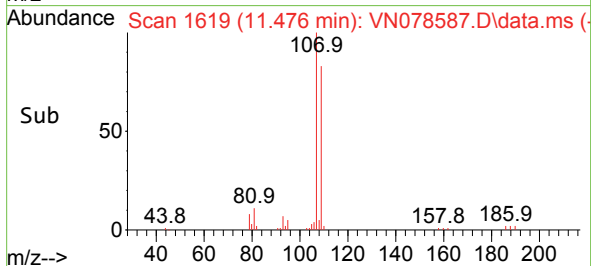
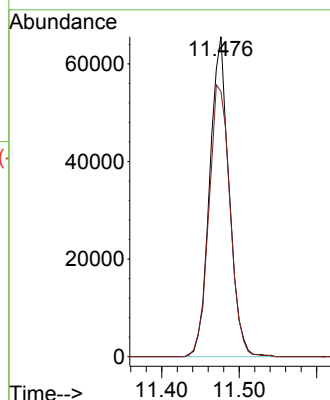
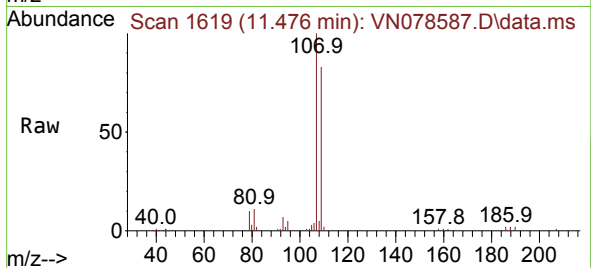




#61
1,2-Dibromoethane
Concen: 20.067 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

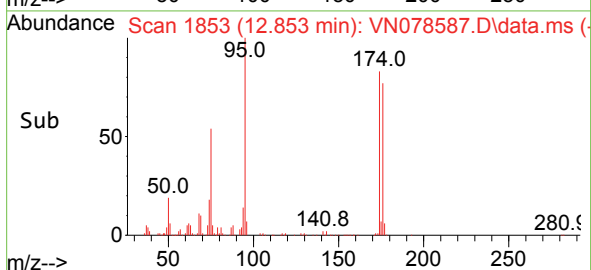
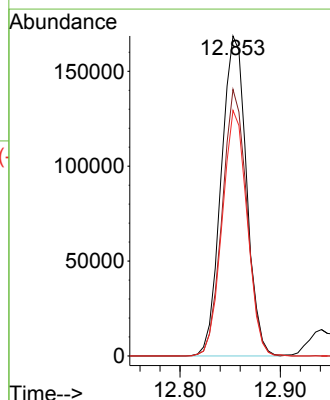
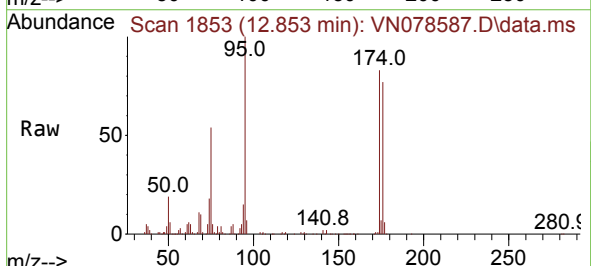
Instrument :
MSVOA_N
ClientSampleId :

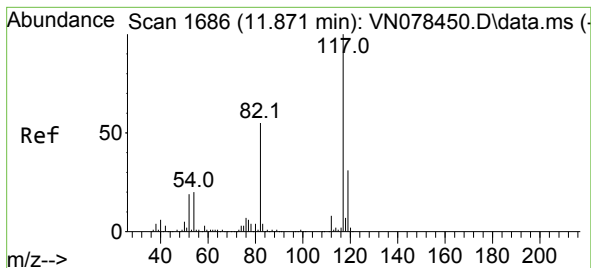
Tgt Ion:107 Resp: 114034
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.149 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 95 Resp: 295879
Ion Ratio Lower Upper
95 100
174 81.1 0.0 143.8
176 75.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.001 min

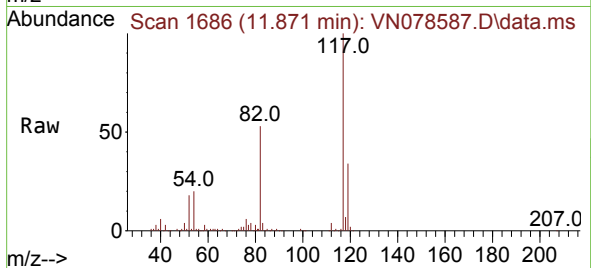
Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :



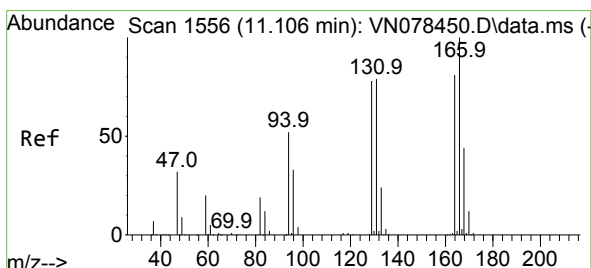
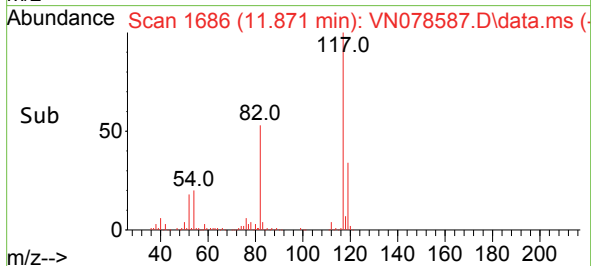
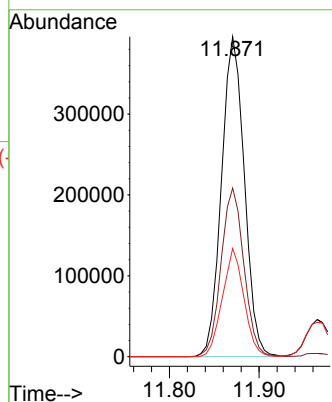
Tgt Ion:117 Resp: 699916

Ion Ratio Lower Upper

117 100

82 52.7 44.0 66.0

119 33.9 25.6 38.4



#64

Tetrachloroethene

Concen: 18.186 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Tgt Ion:164 Resp: 95699

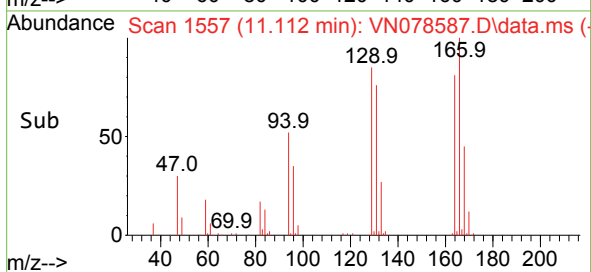
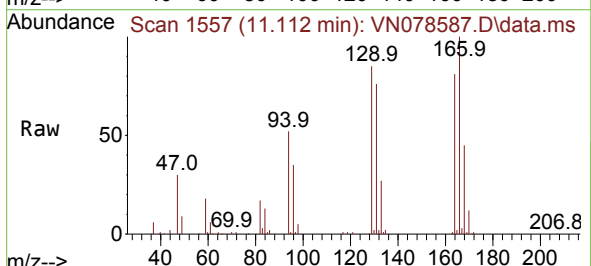
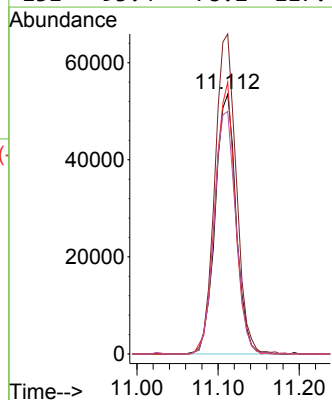
Ion Ratio Lower Upper

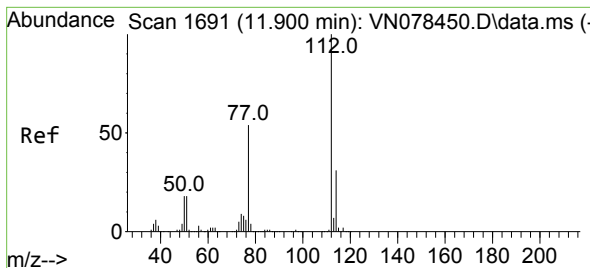
164 100

166 123.3 101.4 152.0

129 104.8 82.4 123.6

131 93.4 78.2 117.4





#65

Chlorobenzene

Concen: 18.516 ug/l

RT: 11.900 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

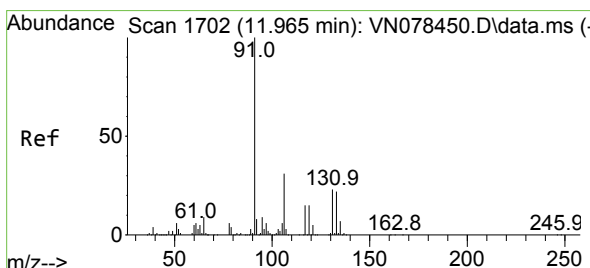
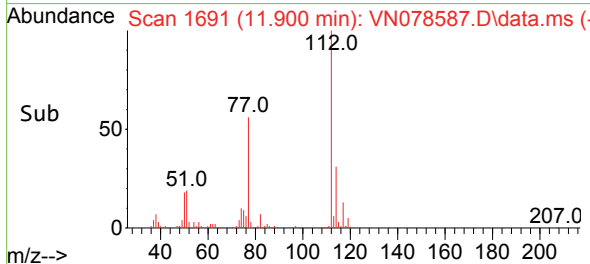
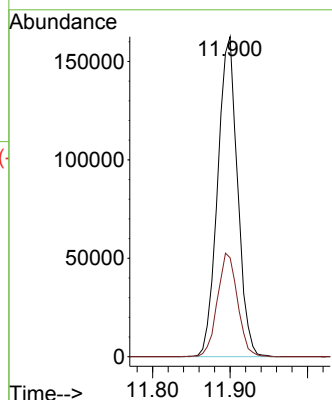
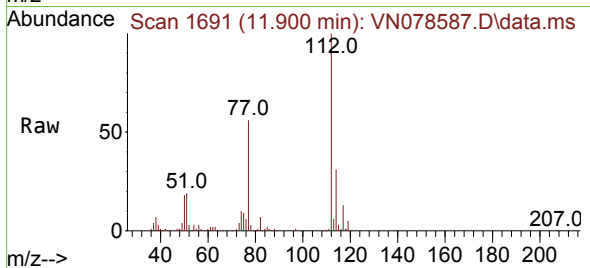
ClientSampleId :

Tgt Ion:112 Resp: 289683

Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.542 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

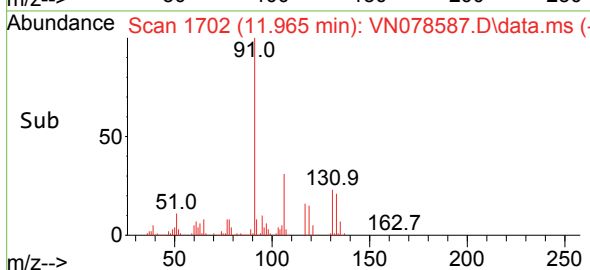
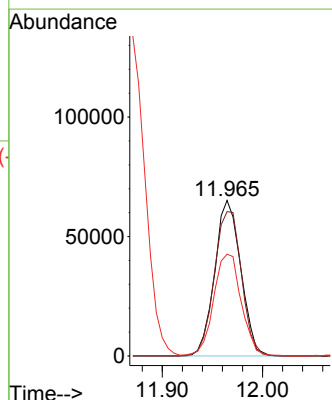
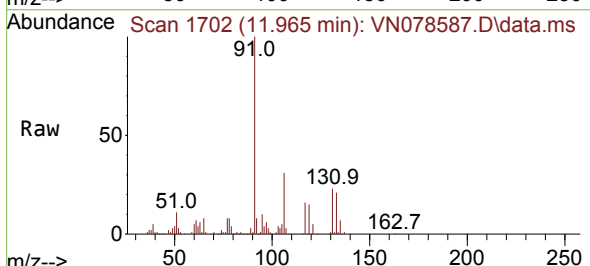
Tgt Ion:131 Resp: 117617

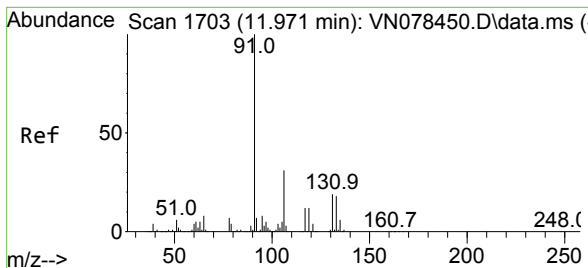
Ion Ratio Lower Upper

131 100

133 97.0 46.4 139.1

119 69.3 34.1 102.2

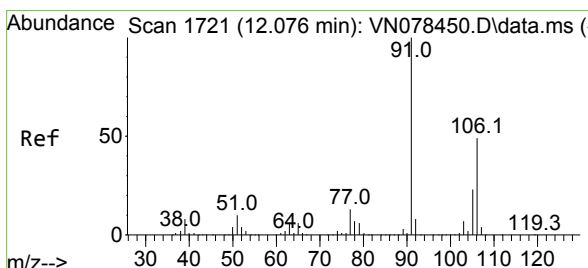
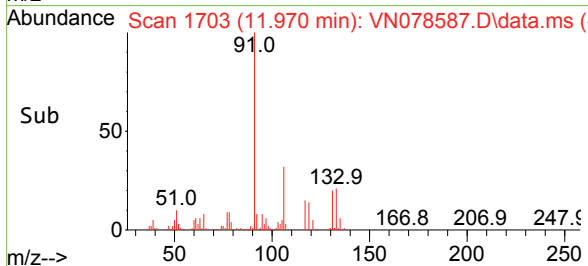
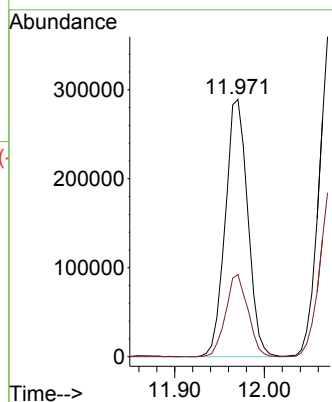
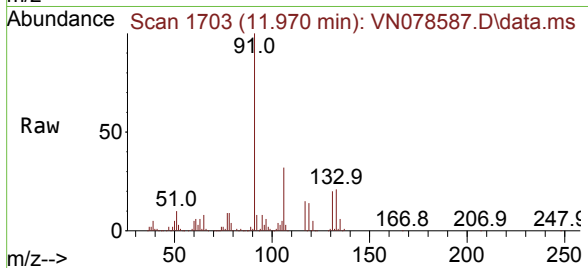




#67
Ethyl Benzene
Concen: 19.004 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

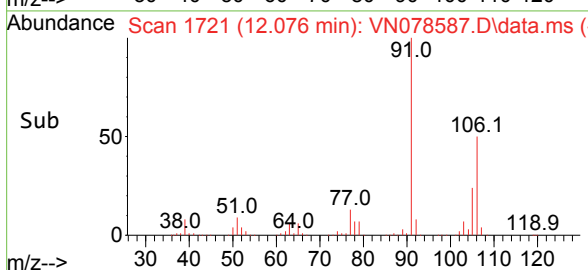
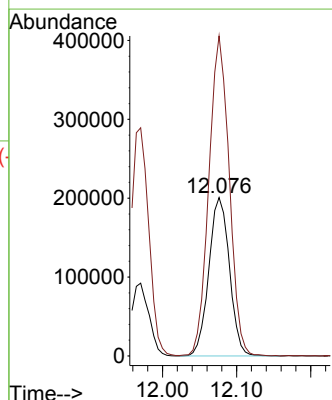
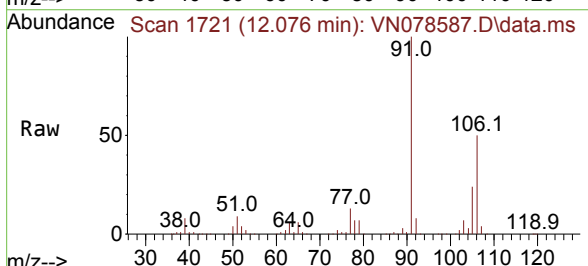
Instrument :
MSVOA_N
ClientSampleId :

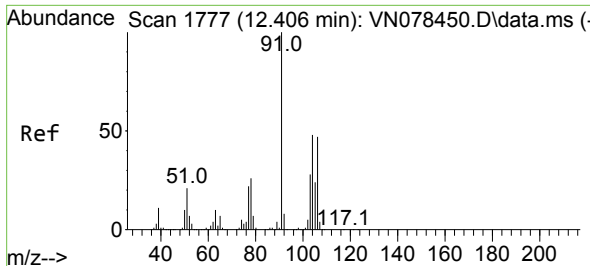
Tgt Ion: 91 Resp: 502563
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4



#68
m/p-Xylenes
Concen: 39.708 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion:106 Resp: 388246
Ion Ratio Lower Upper
106 100
91 199.6 159.6 239.4

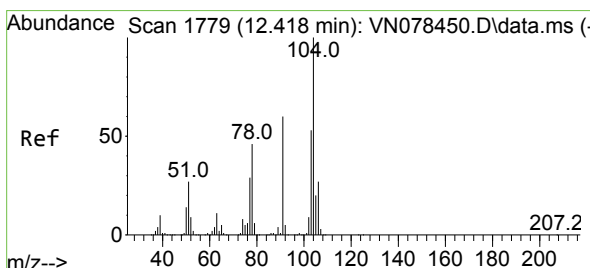
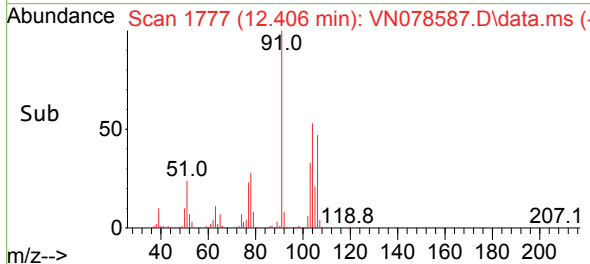
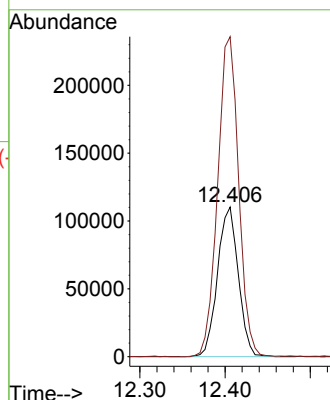
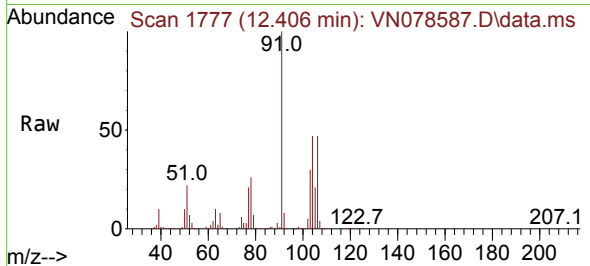




#69
o-Xylene
Concen: 18.956 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

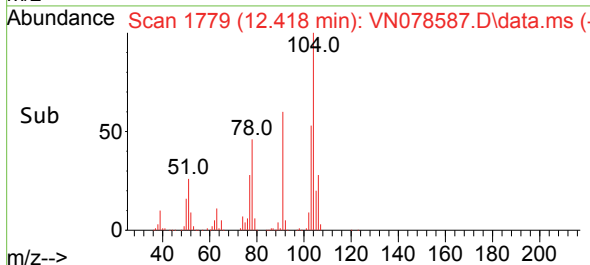
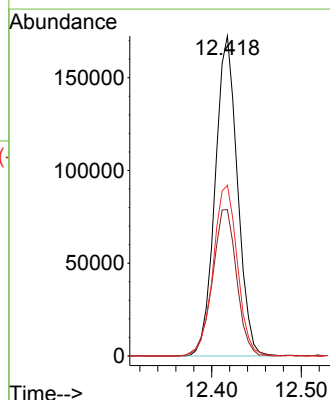
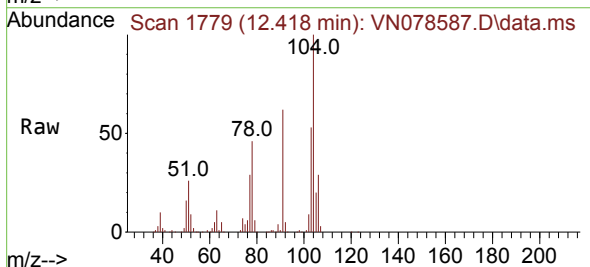
Instrument :
MSVOA_N
ClientSampleId :

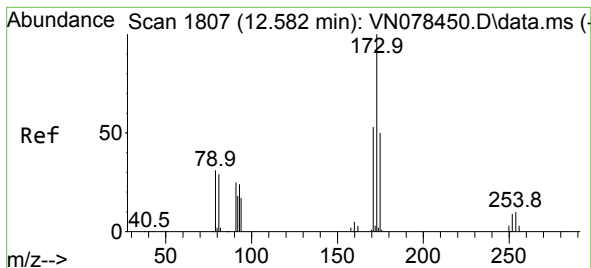
Tgt Ion:106 Resp: 187206
Ion Ratio Lower Upper
106 100
91 216.0 105.2 315.5



#70
Styrene
Concen: 19.281 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion:104 Resp: 297889
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 57.7 43.2 64.8





#71

Bromoform

Concen: 19.896 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

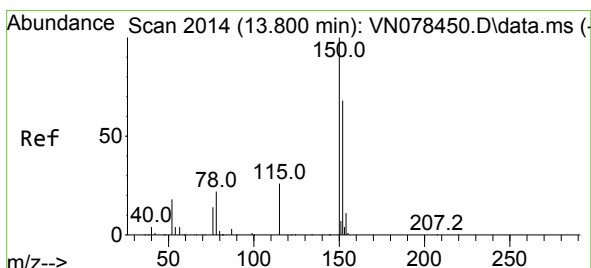
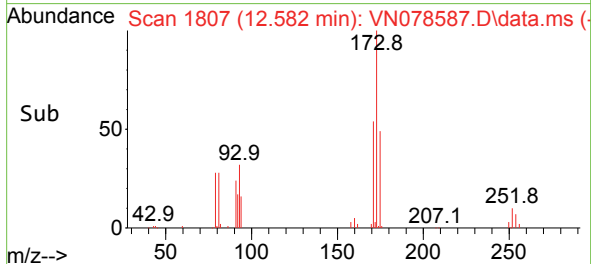
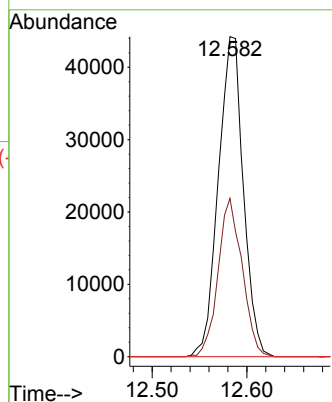
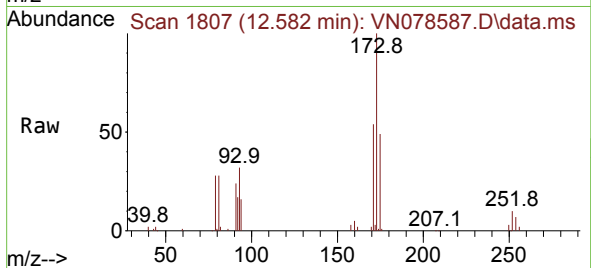
Tgt Ion:173 Resp: 81097

Ion Ratio Lower Upper

173 100

175 47.7 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. -0.006 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

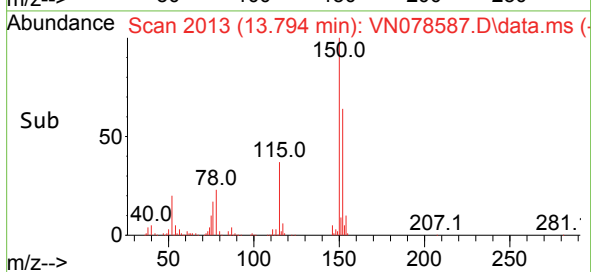
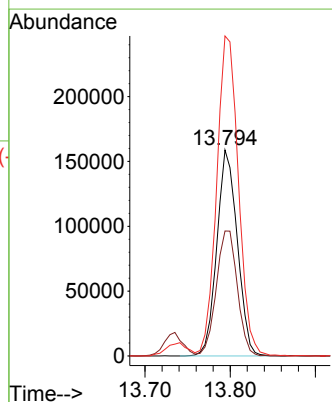
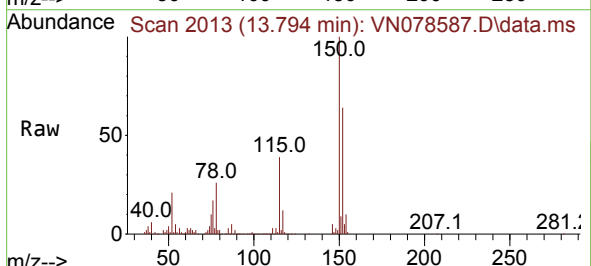
Tgt Ion:152 Resp: 265399

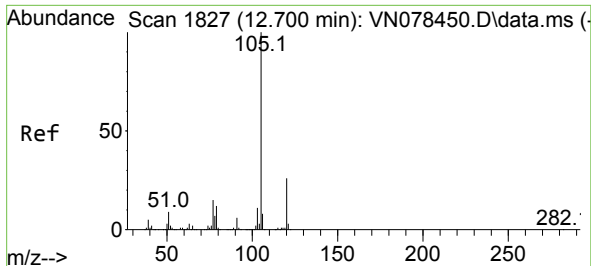
Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 165.0 0.0 355.8

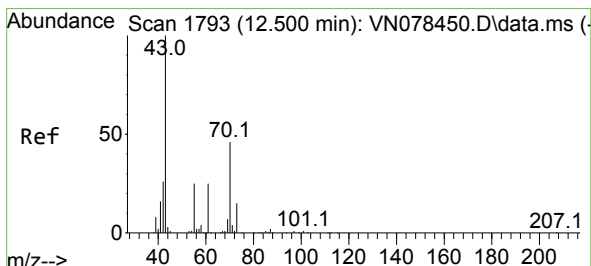
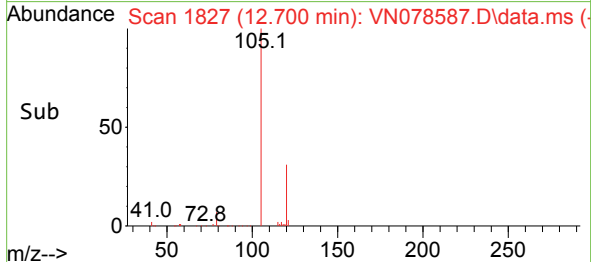
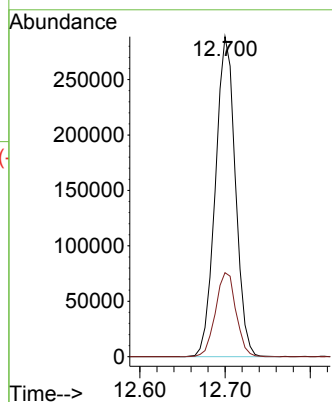
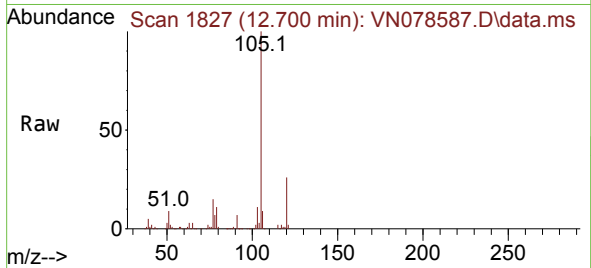




#73
Isopropylbenzene
Concen: 18.868 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

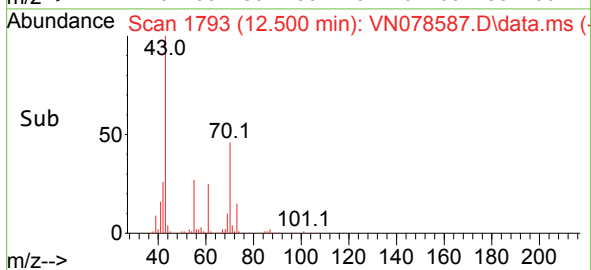
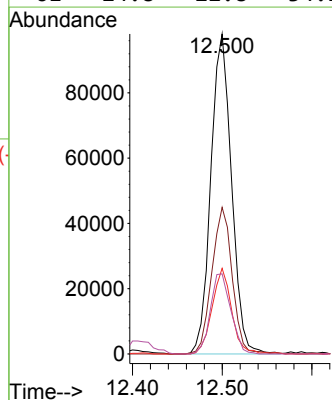
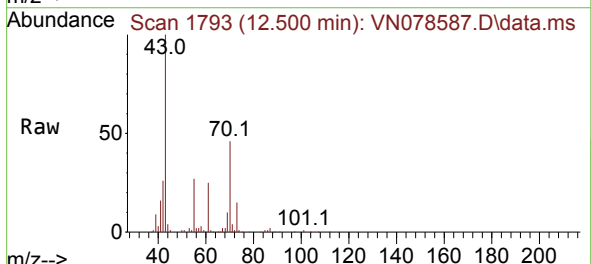
Instrument :
MSVOA_N
ClientSampleId :

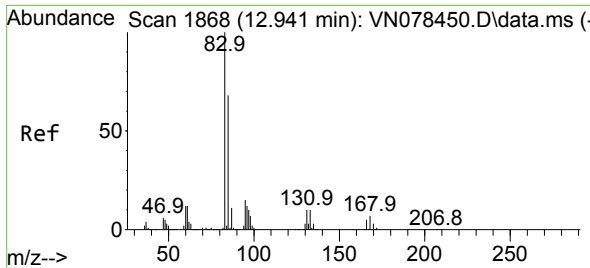
Tgt Ion:105 Resp: 470542
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1



#74
N-ethyl acetate
Concen: 18.288 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 43 Resp: 157172
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 25.3 21.4 32.0
61 24.8 22.8 34.2

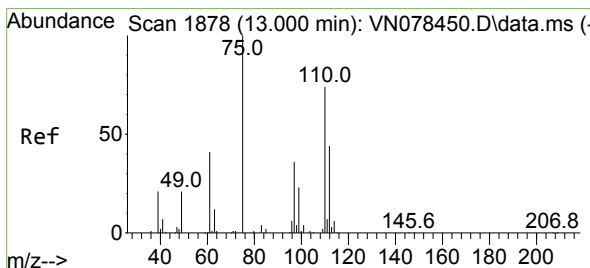
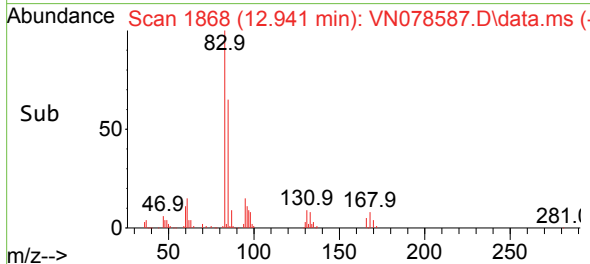
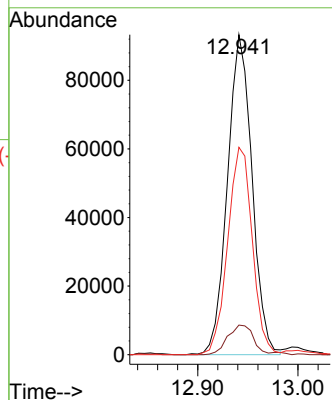
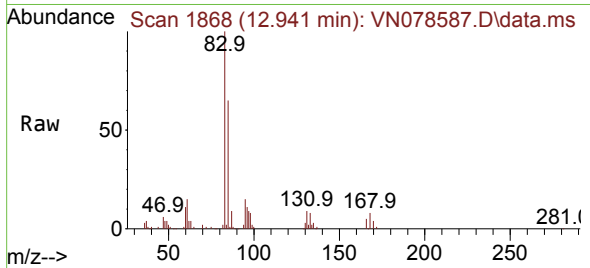




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.044 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

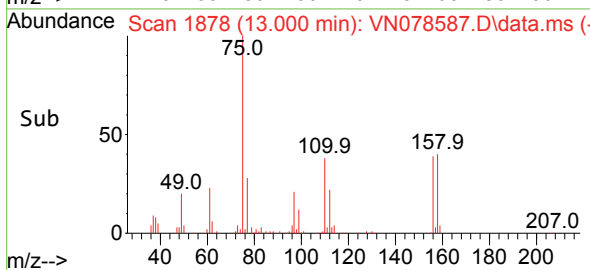
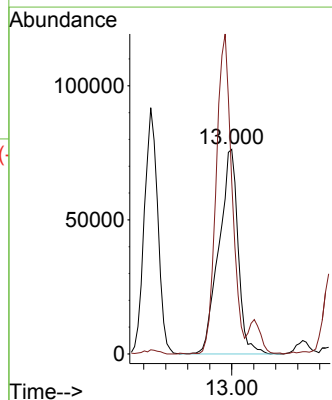
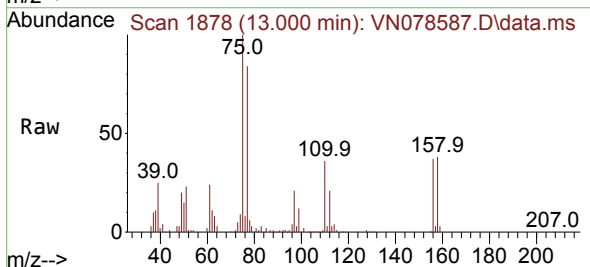
Instrument :
 MSVOA_N
 ClientSampleId :

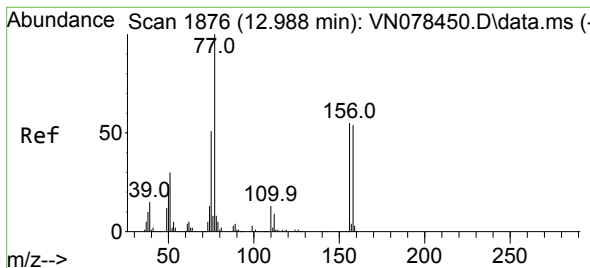
Tgt Ion: 83 Resp: 159072
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 64.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 28.844 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

Tgt Ion: 75 Resp: 185032
 Ion Ratio Lower Upper
 75 100
 77 128.0 84.5 253.5





#77

Bromobenzene

Concen: 19.694 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

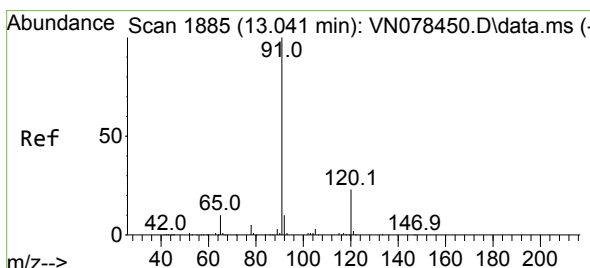
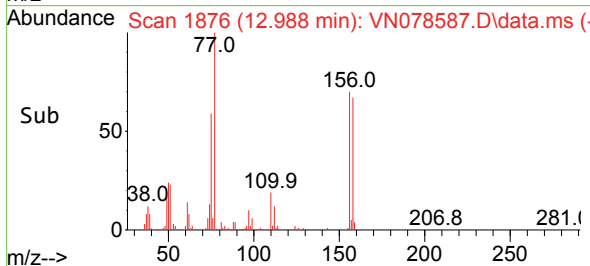
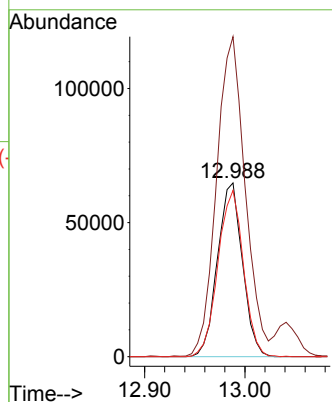
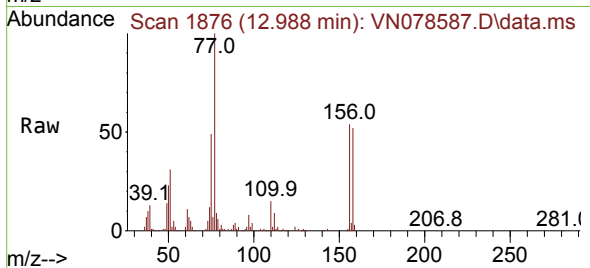
Tgt Ion:156 Resp: 111884

Ion Ratio Lower Upper

156 100

77 211.7 107.7 323.3

158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 19.443 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078587.D

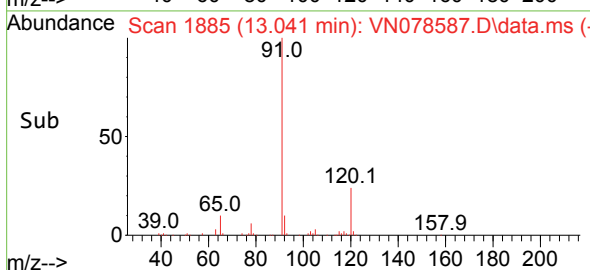
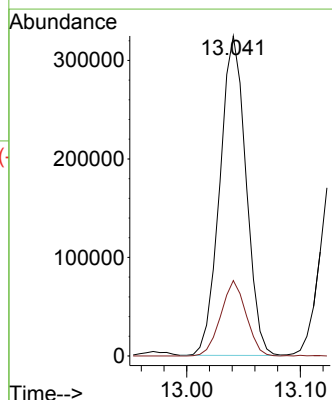
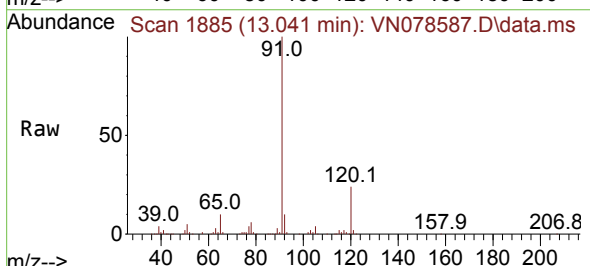
Acq: 20 Jul 2023 11:57

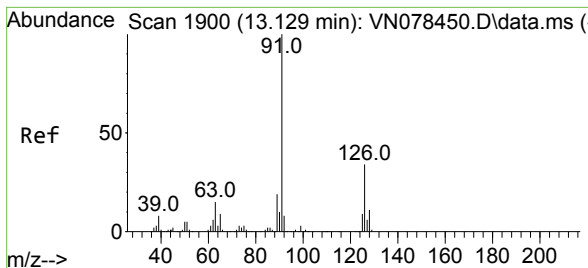
Tgt Ion: 91 Resp: 518548

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

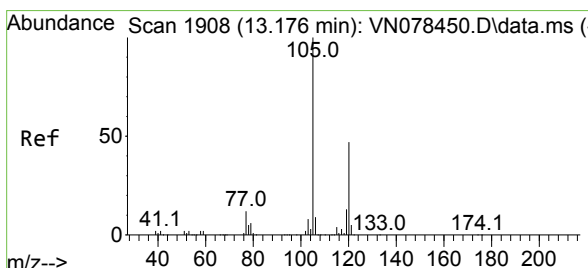
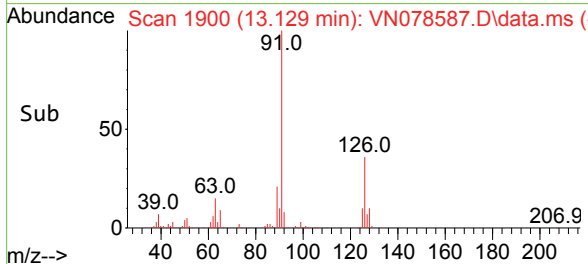
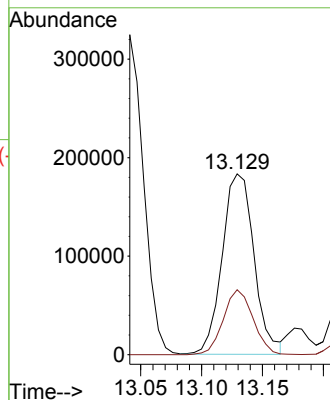
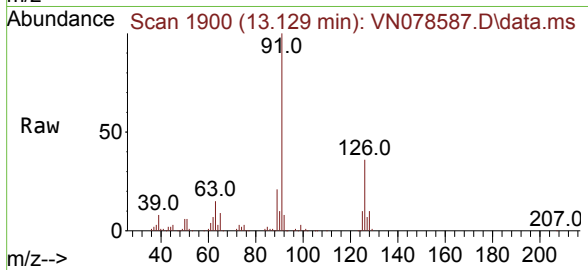




#79
2-Chlorotoluene
Concen: 19.129 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

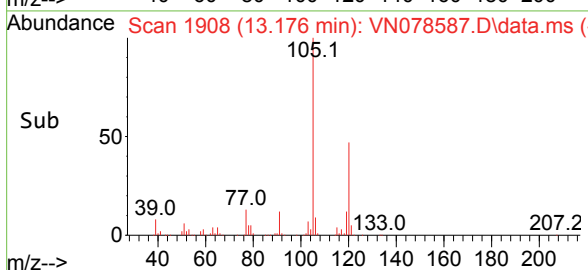
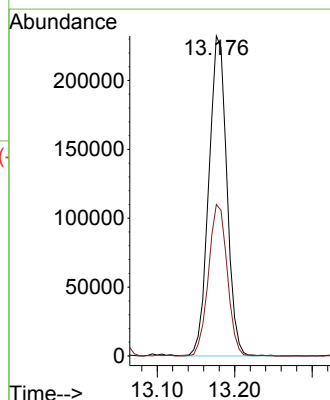
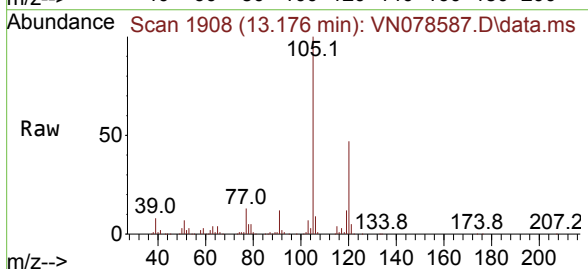
Instrument :
MSVOA_N
ClientSampleId :

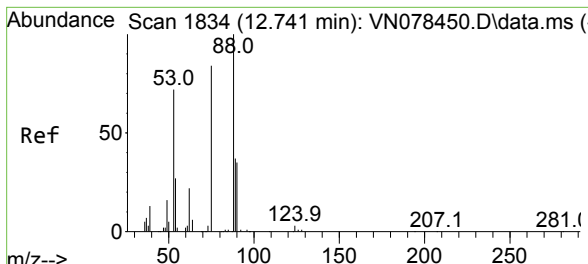
Tgt Ion: 91 Resp: 334165
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.035 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion:105 Resp: 375064
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3

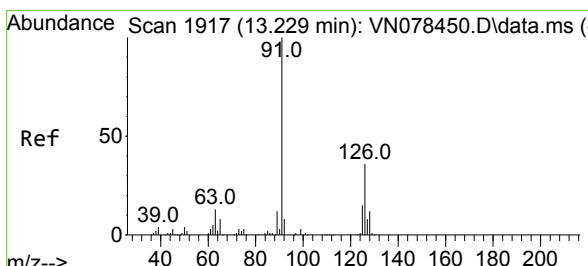
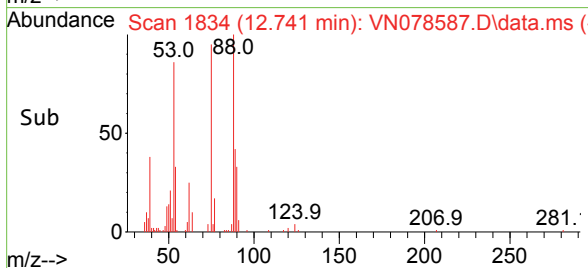
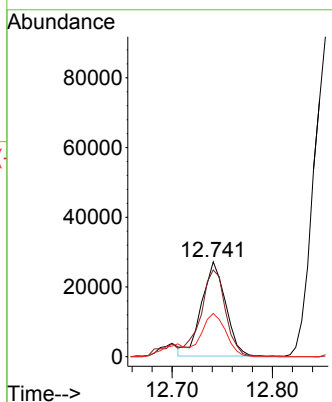
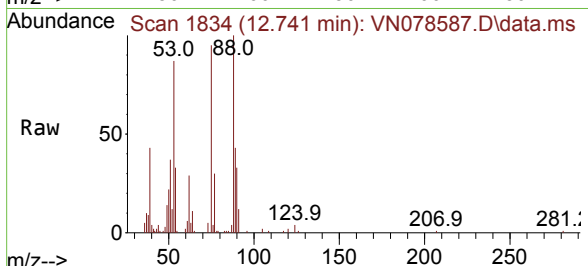




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.445 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

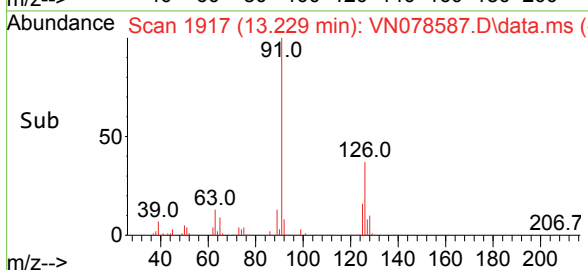
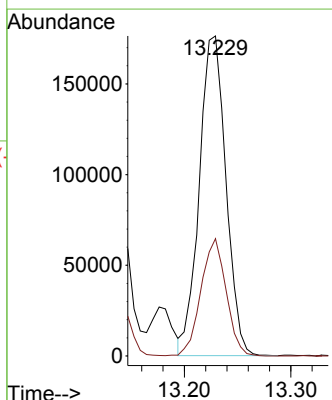
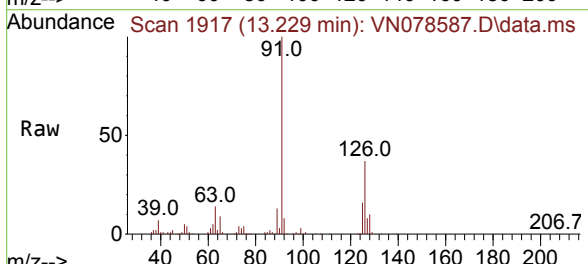
Instrument :
 MSVOA_N
 ClientSampleId :

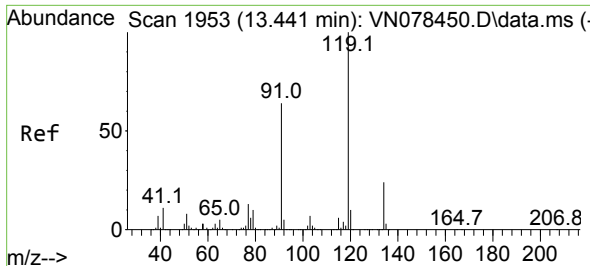
Tgt Ion:	75	Resp:	45027
Ion Ratio	Lower	Upper	
75	100		
53	106.0	67.4	101.2#
89	47.6	38.8	58.2



#82
 4-Chlorotoluene
 Concen: 18.797 ug/l
 RT: 13.229 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

Tgt Ion:	91	Resp:	306328
Ion Ratio	Lower	Upper	
91	100		
126	34.8	16.7	50.0

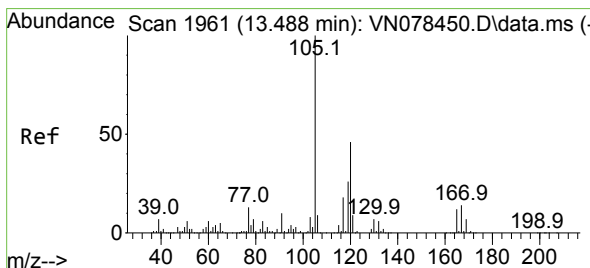
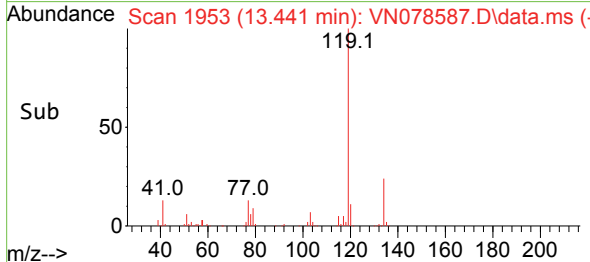
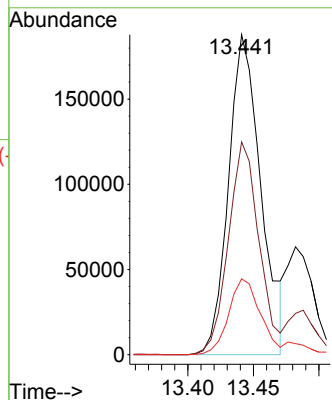
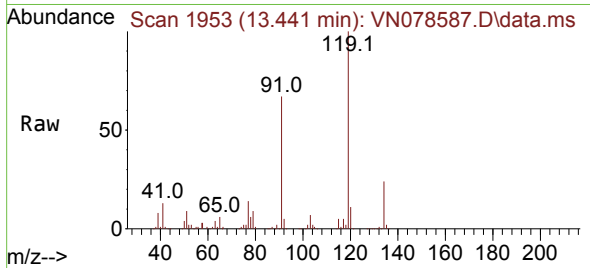




#83
tert-Butylbenzene
Concen: 19.320 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

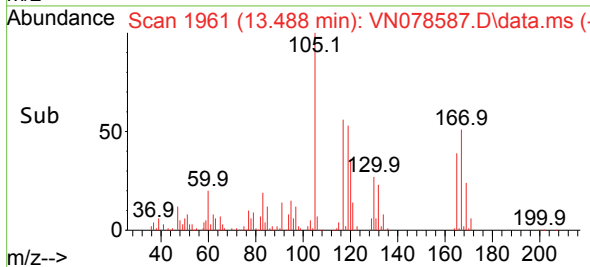
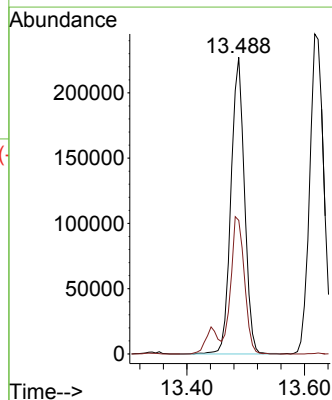
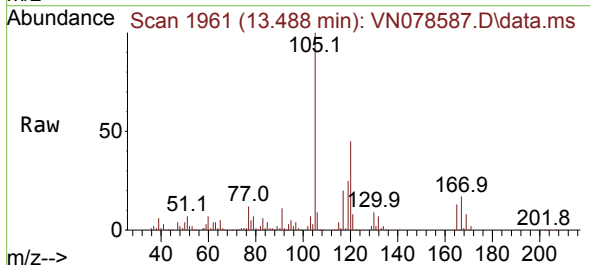
Instrument :
MSVOA_N
ClientSampleId :

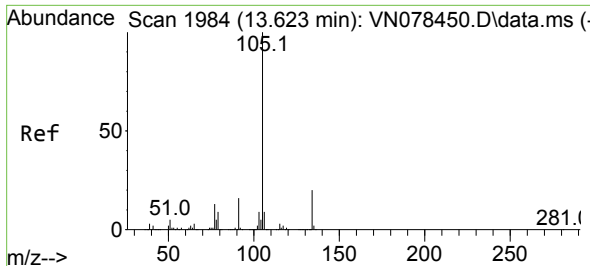
Tgt Ion:119 Resp: 323199
Ion Ratio Lower Upper
119 100
91 63.0 33.9 101.7
134 23.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.955 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion:105 Resp: 362789
Ion Ratio Lower Upper
105 100
120 46.3 22.0 66.0

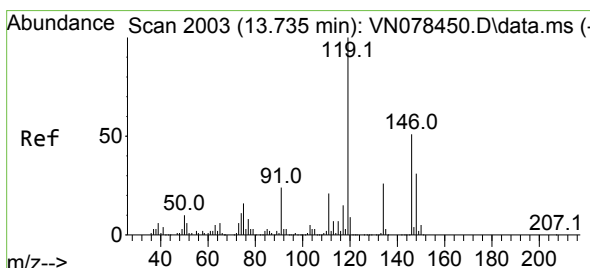
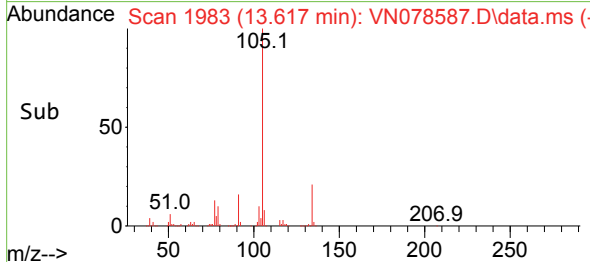
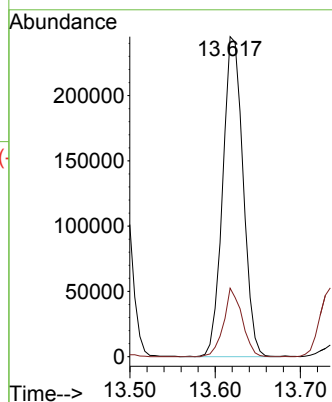
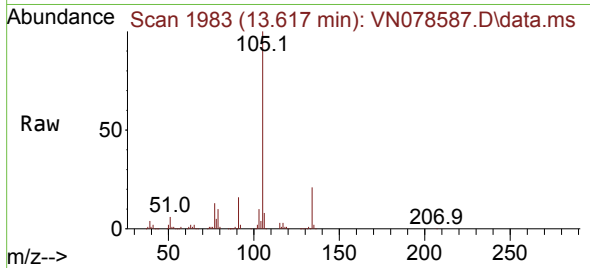




#85
 sec-Butylbenzene
 Concen: 19.256 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

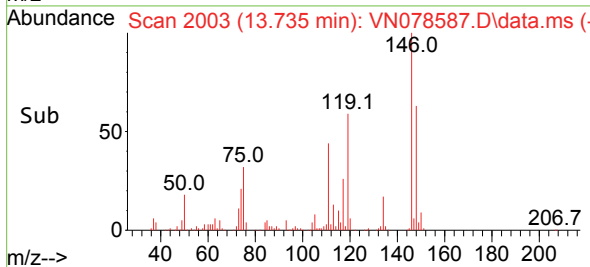
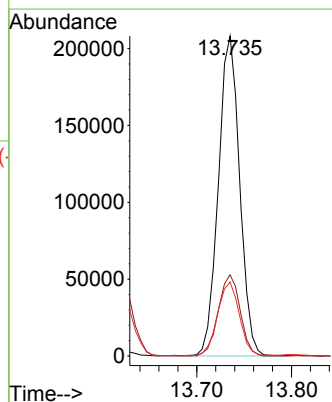
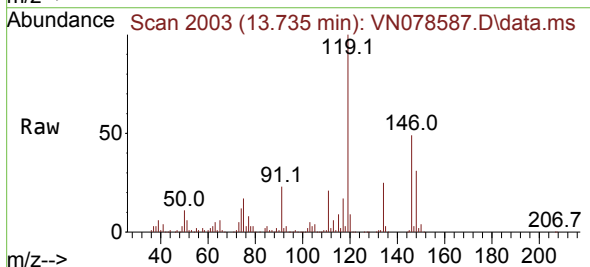
Instrument :
 MSVOA_N
 ClientSampleId :

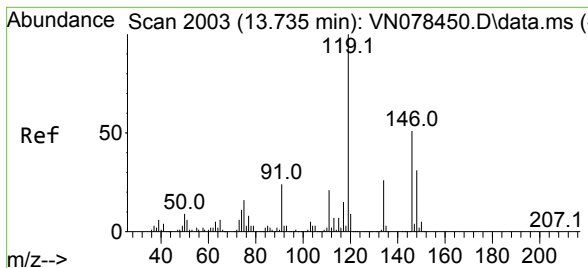
Tgt Ion:105 Resp: 407180
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.161 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

Tgt Ion:119 Resp: 325341
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.996 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

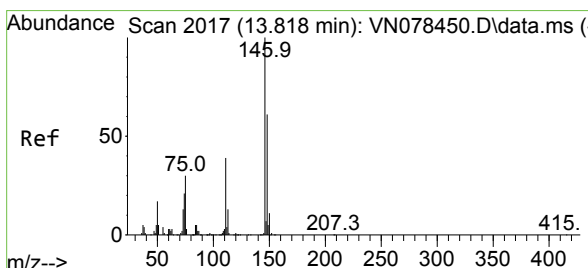
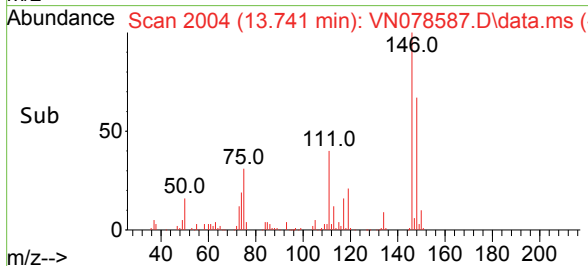
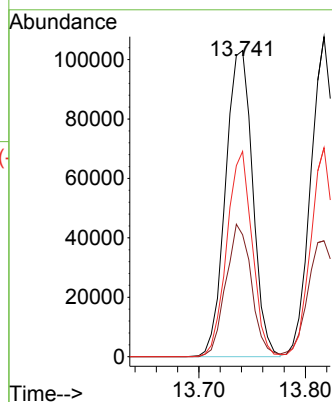
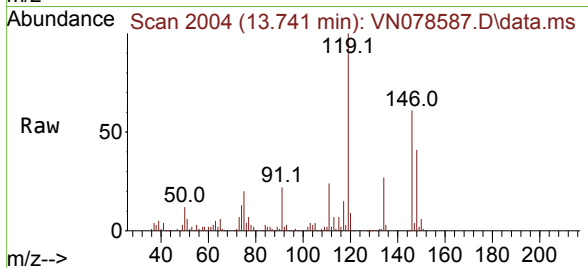
Tgt Ion:146 Resp: 181857

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.3

148 62.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.349 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

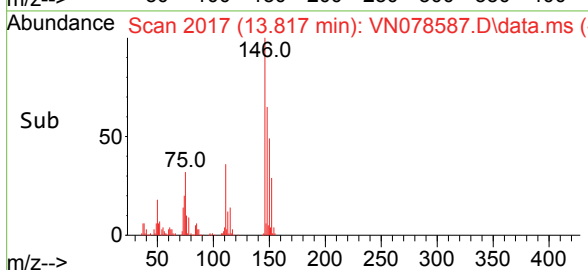
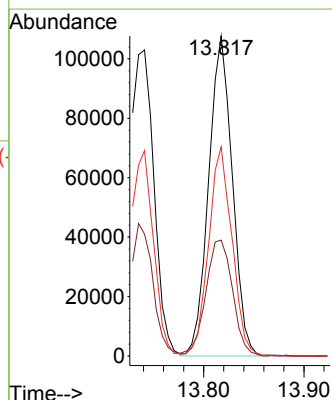
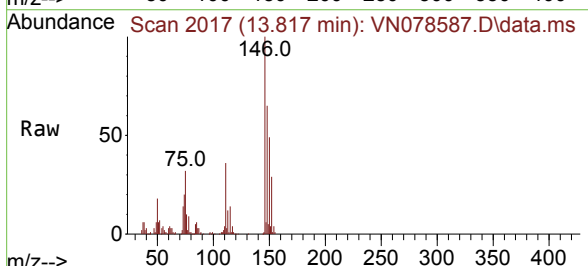
Tgt Ion:146 Resp: 176939

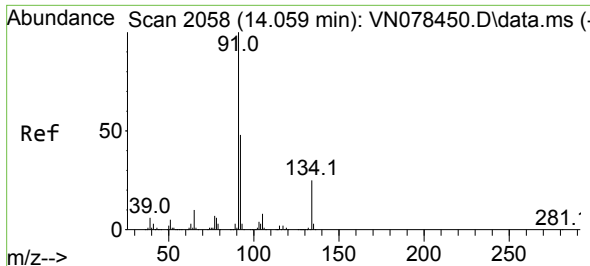
Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 64.6 31.6 94.8

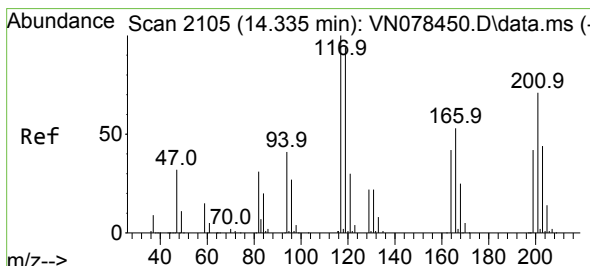
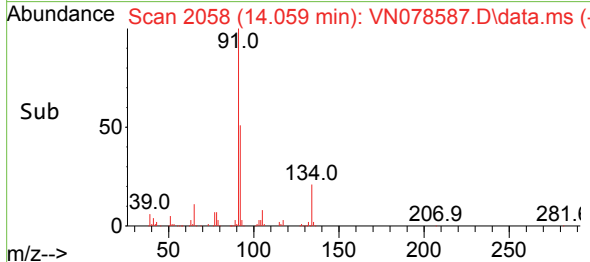
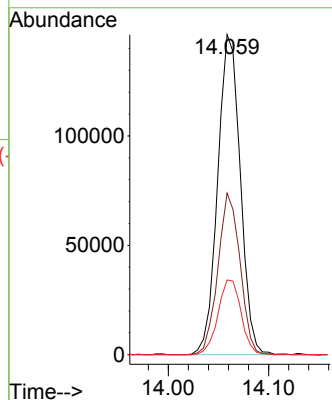
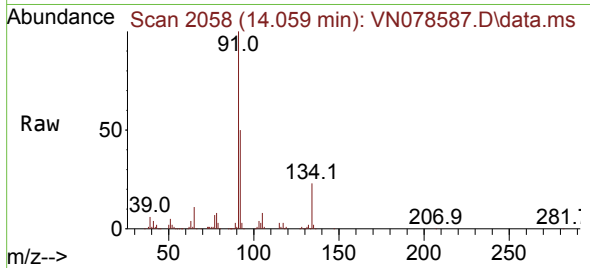




#89
n-Butylbenzene
Concen: 18.871 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

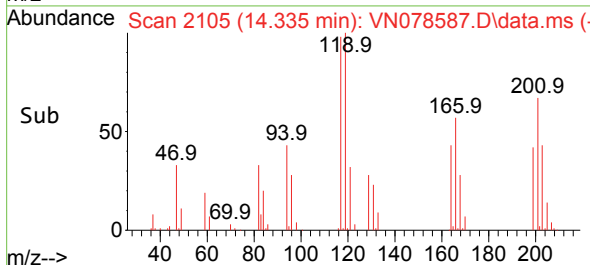
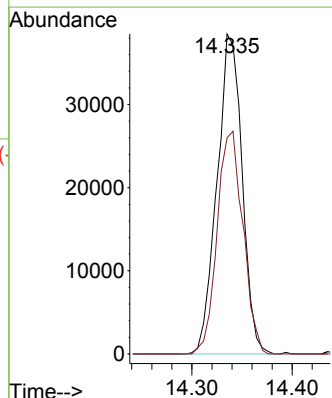
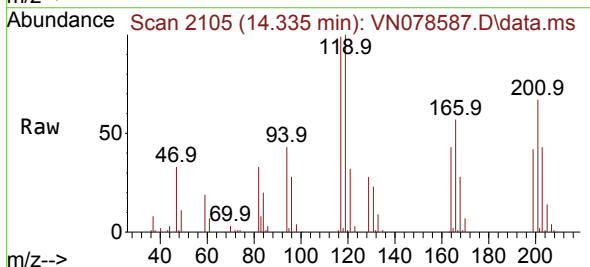
Instrument :
MSVOA_N
ClientSampleId :

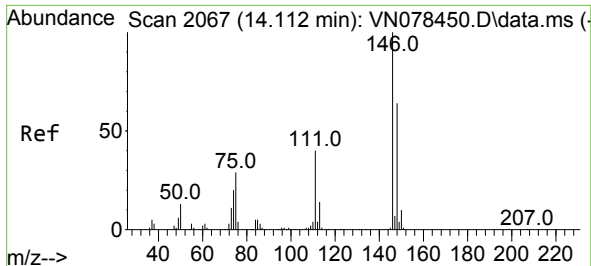
Tgt Ion: 91 Resp: 229256
Ion Ratio Lower Upper
91 100
92 49.2 26.4 79.0
134 23.9 12.6 37.6



#90
Hexachloroethane
Concen: 20.909 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 117 Resp: 66734
Ion Ratio Lower Upper
117 100
201 71.6 29.3 88.0

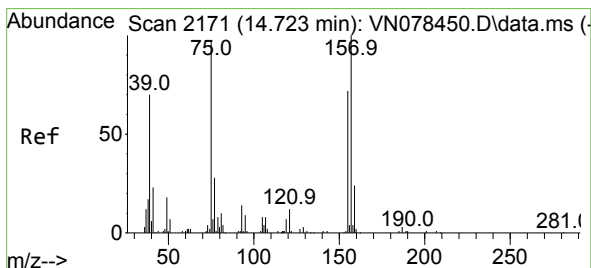
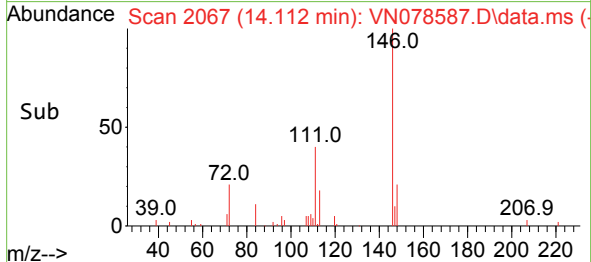
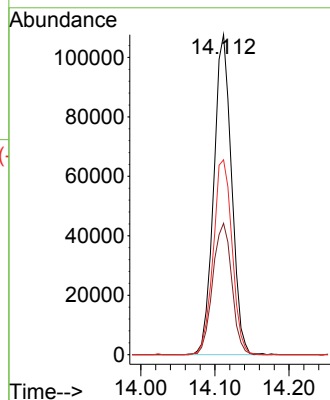
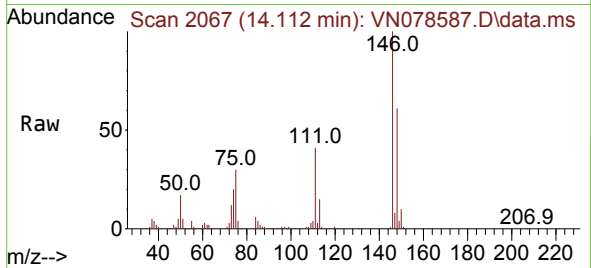




#91
1,2-Dichlorobenzene
Concen: 18.862 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

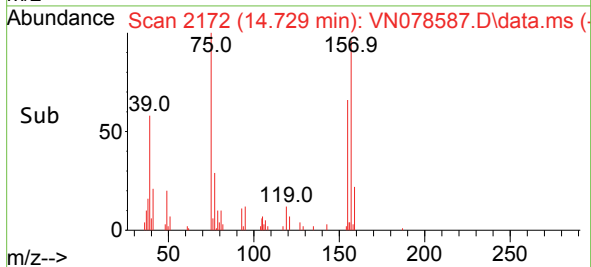
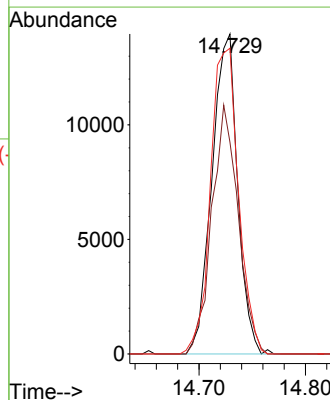
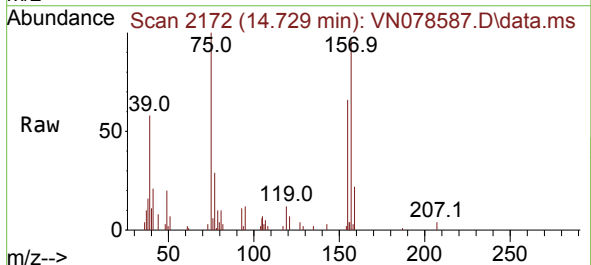
Instrument :
MSVOA_N
ClientSampleId :

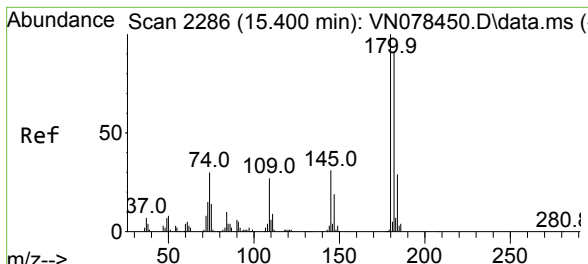
Tgt Ion:146 Resp: 179703
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.391 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 75 Resp: 23405
Ion Ratio Lower Upper
75 100
155 80.1 39.1 117.2
157 103.9 50.3 150.9

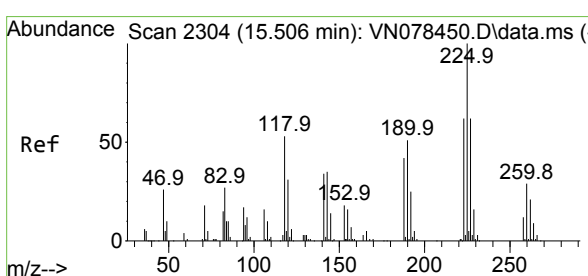
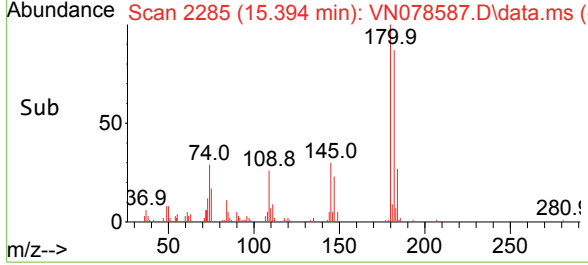
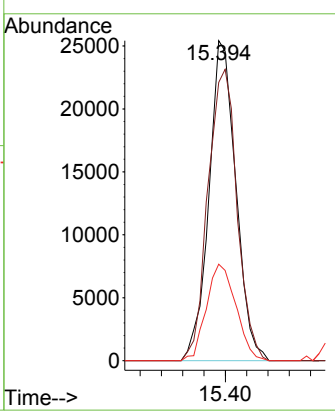
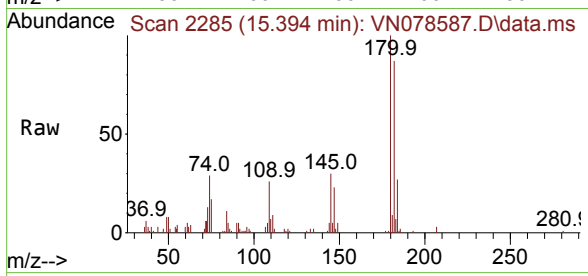




#93
 1,2,4-Trichlorobenzene
 Concen: 14.674 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

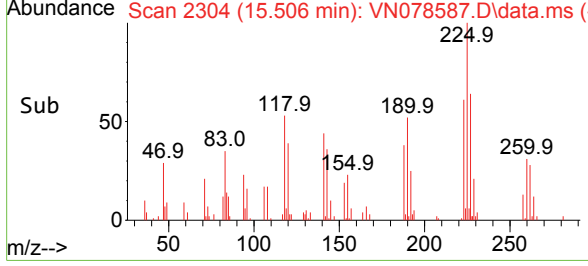
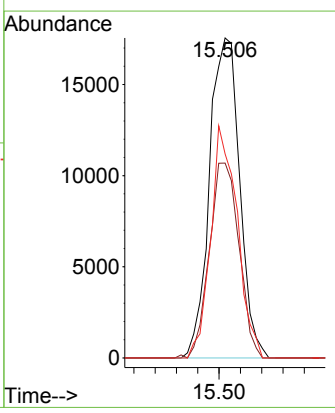
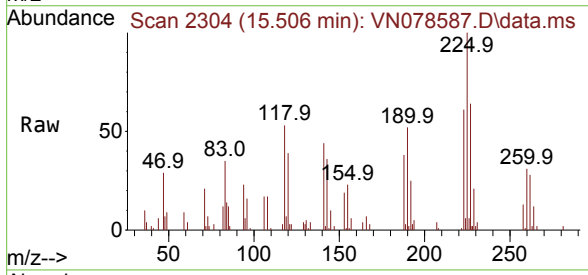
Instrument :
 MSVOA_N
 ClientSampleId :

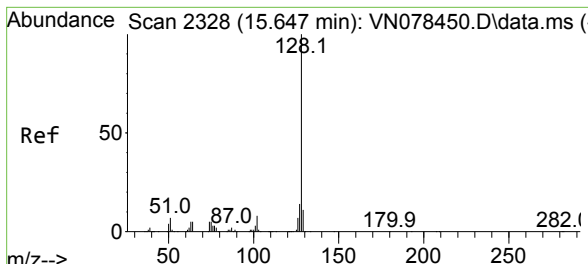
Tgt Ion:	180	Resp:	44619
Ion Ratio	Lower	Upper	
180	100		
182	98.2	46.1	138.2
145	33.0	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 19.360 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

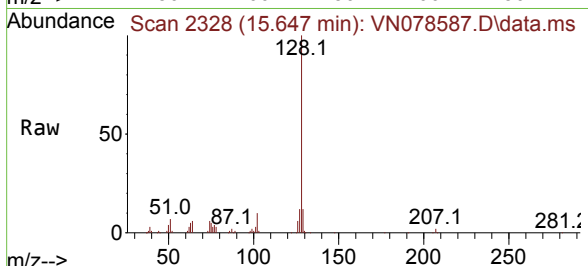
Tgt Ion:	225	Resp:	34444
Ion Ratio	Lower	Upper	
225	100		
223	59.9	31.3	93.8
227	63.7	31.9	95.9



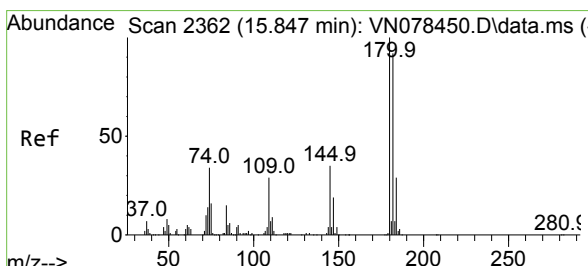
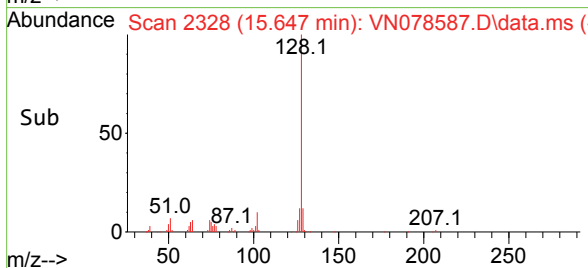
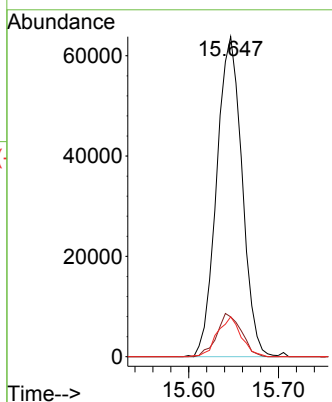


#95
 Naphthalene
 Concen: 12.065 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	125415
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.0	15.0
129	11.8	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 15.522 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.006 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

Tgt Ion:	180	Resp:	54269
Ion Ratio	Lower	Upper	
180	100		
182	96.5	46.2	138.6
145	33.5	17.5	52.6

