

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079498.D
 Acq On : 10 Oct 2023 17:13
 Operator : JC\MD
 Sample : 04813-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:21:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	329957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	631470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254082	47.492	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.980%
35) Dibromofluoromethane	8.171	113	220507	48.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	10.571	98	753752	45.905	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.853	95	311030	59.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.060%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1462	0.248	ug/l #	81
11) Tert butyl alcohol	5.518	59	2404	2.986	ug/l #	72
13) Acrolein	4.189	56	1916	2.390	ug/l #	16
16) Acetone	4.436	43	111293	52.448	ug/l	94
17) Carbon Disulfide	4.712	76	3107	0.256	ug/l #	75
18) Methyl Acetate	5.036	43	8393	0.808	ug/l #	75
20) Methylene Chloride	5.283	84	21769	4.132	ug/l	88
25) 2-Butanone	7.494	43	24887	7.902	ug/l #	79
31) Cyclohexane	8.259	56	31838	4.195	ug/l	86
36) 1,1-Dichloropropene	8.236	75	29138	4.278	ug/l #	49
37) Ethyl Acetate	7.577	43	6073	0.896	ug/l #	87
38) Carbon Tetrachloride	8.230	117	36011	5.281	ug/l #	17
39) Methylcyclohexane	9.606	83	17501	2.675	ug/l #	89
40) Benzene	8.612	78	6141438	303.625	ug/l	100
42) 1,2-Dichloroethane	8.677	62	1751	0.238	ug/l #	73
43) Isopropyl Acetate	8.694	43	248347	20.917	ug/l #	77
48) Methyl methacrylate	9.665	41	10074	1.980	ug/l #	26
49) 1,4-Dioxane	9.753	88	73	0.779	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	376821	56.222	ug/l	90
52) Toluene	10.635	92	2983814	250.606	ug/l	98
54) cis-1,3-Dichloropropene	10.359	75	64880	8.283	ug/l #	72
55) 1,1,2-Trichloroethane	11.018	97	1349	0.282	ug/l #	29
56) Ethyl methacrylate	10.888	69	2047	0.312	ug/l #	32
57) 1,3-Dichloropropane	11.206	76	7490	0.907	ug/l #	44
59) 2-Hexanone	11.177	43	141707	29.300	ug/l #	19
67) Ethyl Benzene	11.965	91	414179	17.156	ug/l	97
68) m/p-Xylenes	12.071	106	778723	88.774	ug/l	94
69) o-Xylene	12.400	106	518541	60.108	ug/l	91
70) Styrene	12.412	104	110680	8.122	ug/l #	24
73) Isopropylbenzene	12.700	105	27589	1.039	ug/l	100
74) N-amyl acetate	12.465	43	11176	1.026	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.941	83	144	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	169554	20.598	ug/l #	1
78) n-propylbenzene	13.041	91	40566	1.350	ug/l	98
79) 2-Chlorotoluene	13.100	91	28211	1.467	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.176	105	180205	8.604	ug/l	100

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

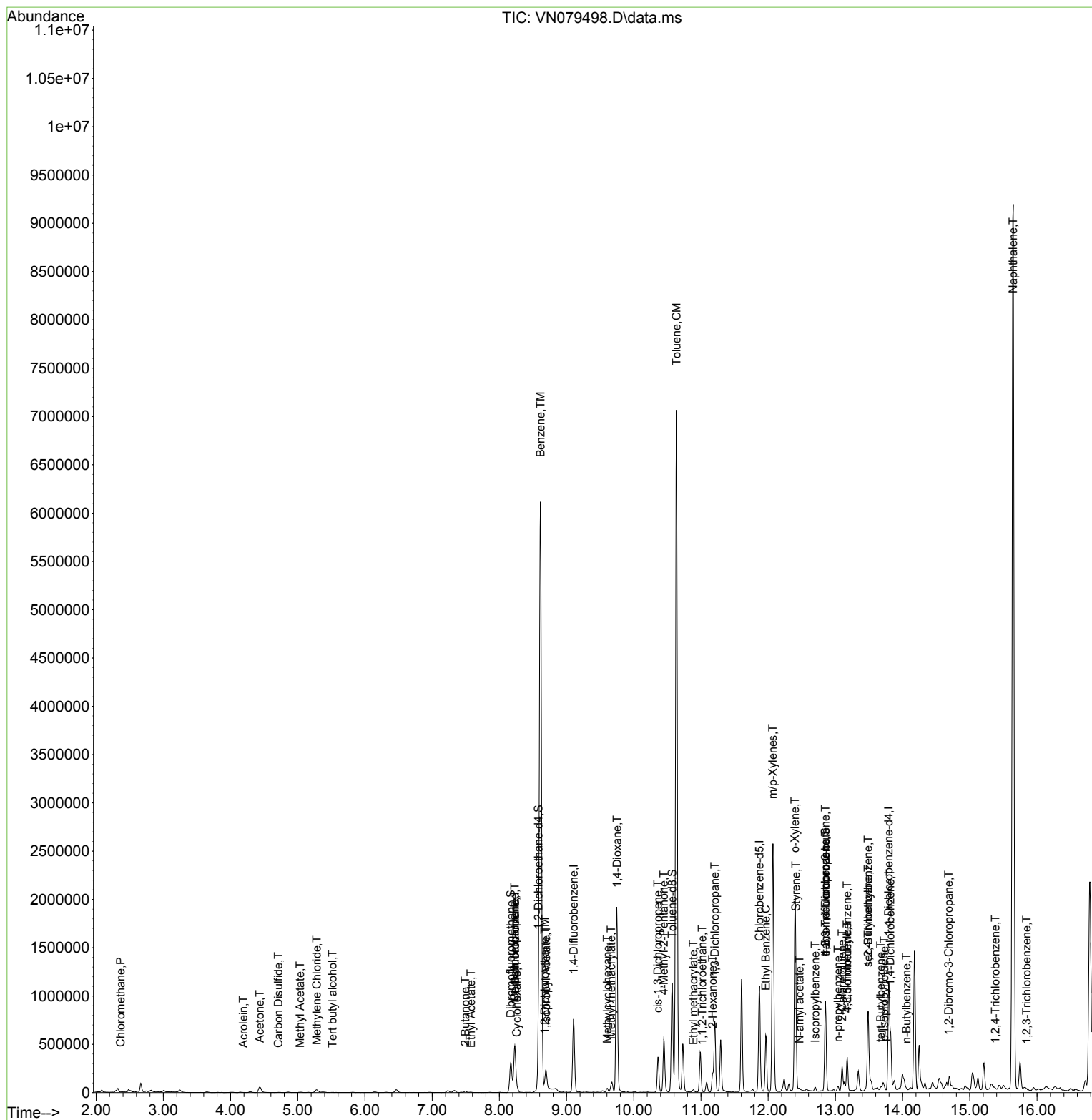
81) trans-1,4-Dichloro-2-b...	12.853	75	169554	59.765	ug/l #	16
82) 4-Chlorotoluene	13.176	91	20484	1.119	ug/l #	41
83) tert-Butylbenzene	13.676	119	12614	0.735	ug/l	68
84) 1,2,4-Trimethylbenzene	13.488	105	488028	24.416	ug/l	94
85) sec-Butylbenzene	13.488	105	488028	20.390	ug/l #	57
86) p-Isopropyltoluene	13.729	119	11778	0.641	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	2367	0.222	ug/l #	1
89) n-Butylbenzene	14.059	91	5070	0.346	ug/l #	66
90) Hexachloroethane	14.335	117	3553	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.688	75	1491	0.971	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.382	180	895	0.287	ug/l #	1
95) Naphthalene	15.647	128	8267276	867.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	749	0.201	ug/l #	45

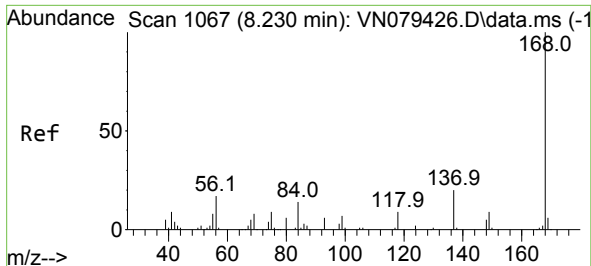
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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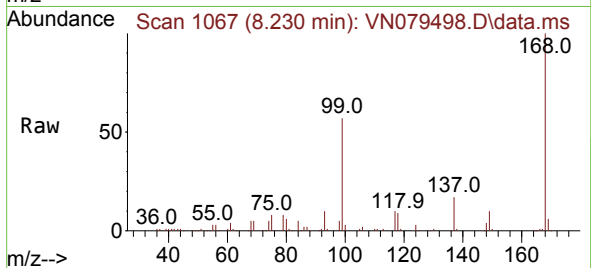
Quant Time: Oct 11 06:21:10 2023
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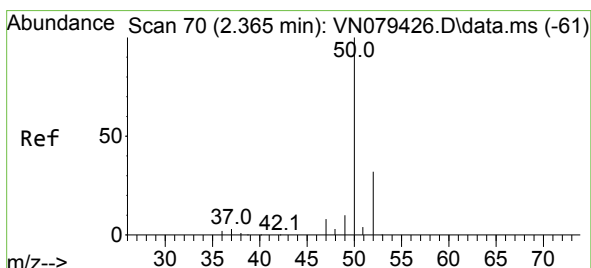
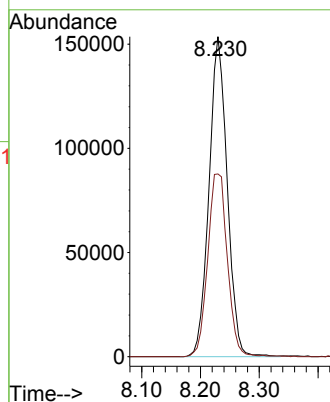
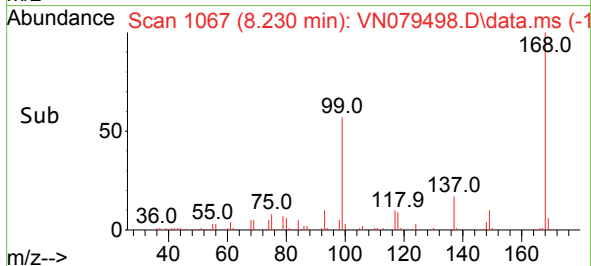


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Instrument :
MSVOA_N
ClientSampleId :

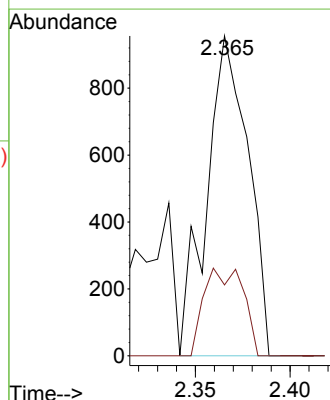
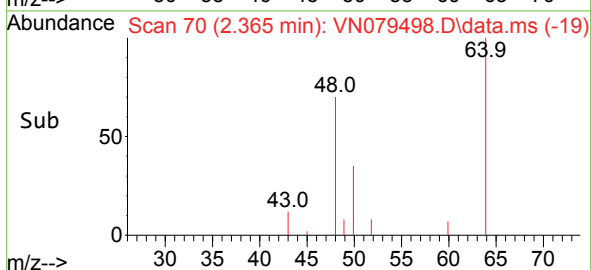
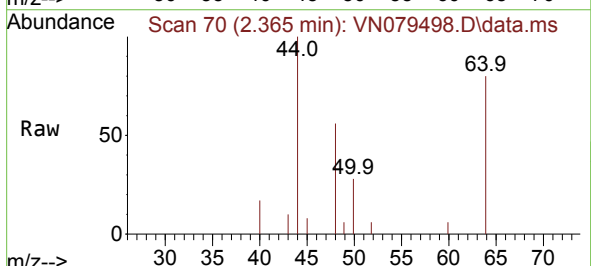


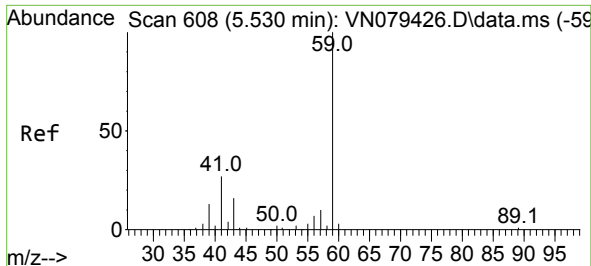
Tgt Ion:168 Resp: 329957
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6



#3
Chloromethane
Concen: 0.248 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 50 Resp: 1462
Ion Ratio Lower Upper
50 100
52 22.2 26.5 39.7#





#11

Tert butyl alcohol

Concen: 2.986 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

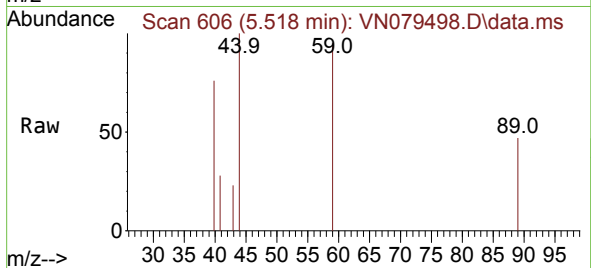
Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

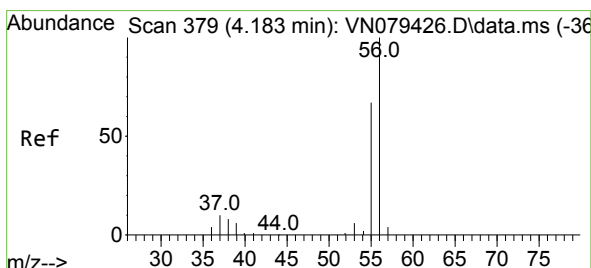
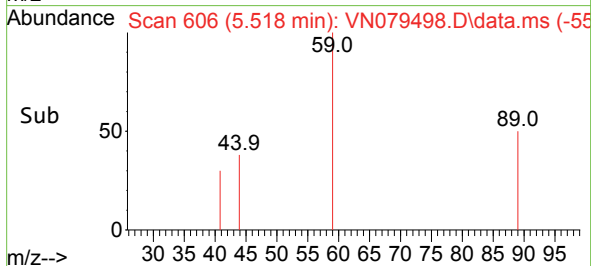
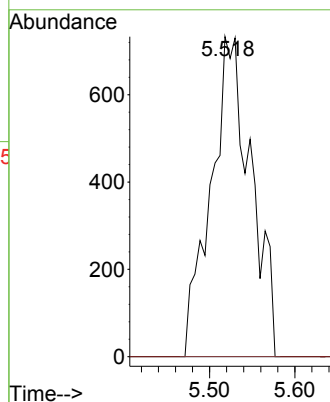


Tgt Ion: 59 Resp: 2404

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 2.390 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.006 min

Lab File: VN079498.D

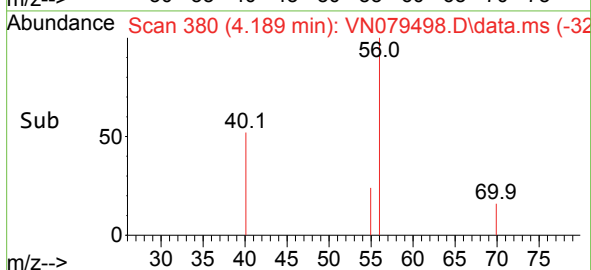
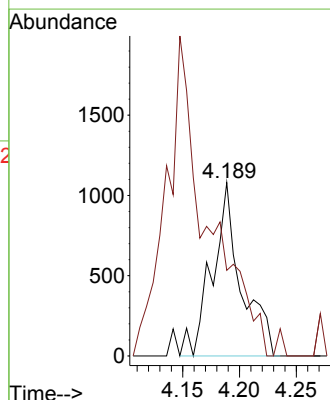
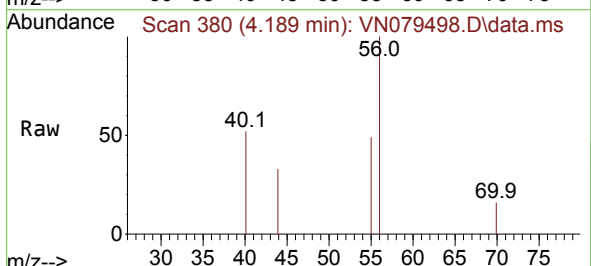
Acq: 10 Oct 2023 17:13

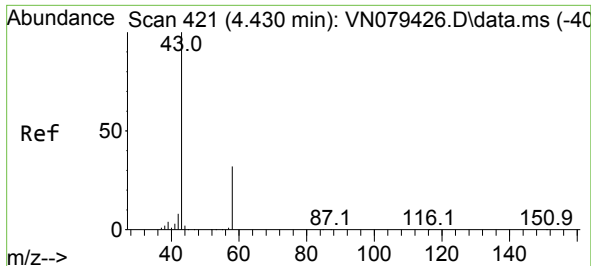
Tgt Ion: 56 Resp: 1916

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#

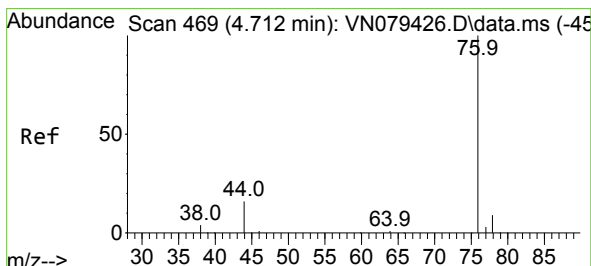
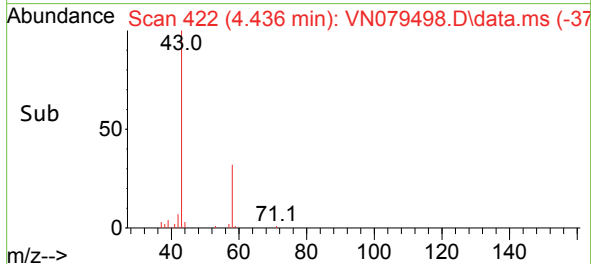
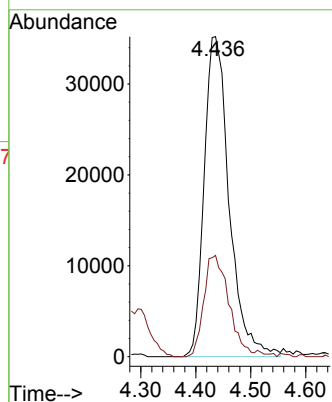
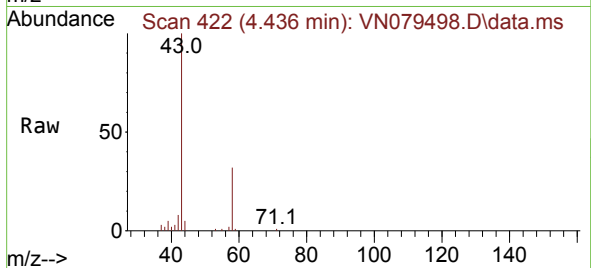




#16
Acetone
Concen: 52.448 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

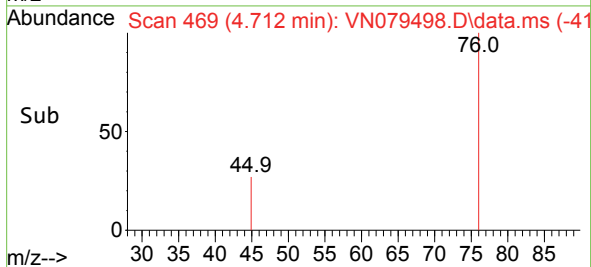
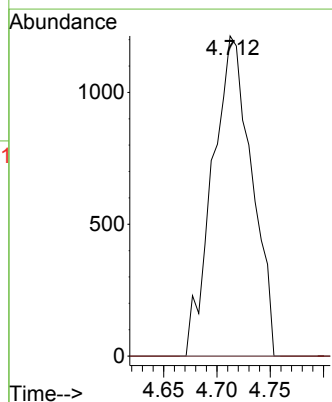
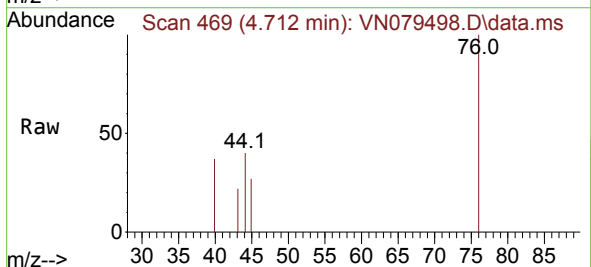
Instrument :
MSVOA_N
ClientSampleId :

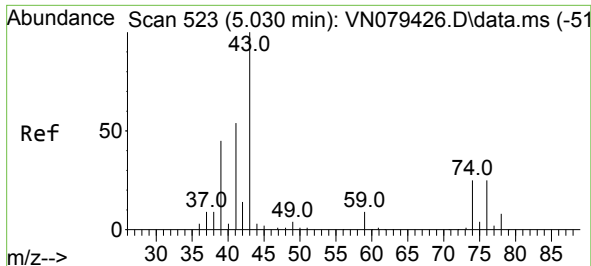
Tgt Ion: 43 Resp: 111293
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0



#17
Carbon Disulfide
Concen: 0.256 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 76 Resp: 3107
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

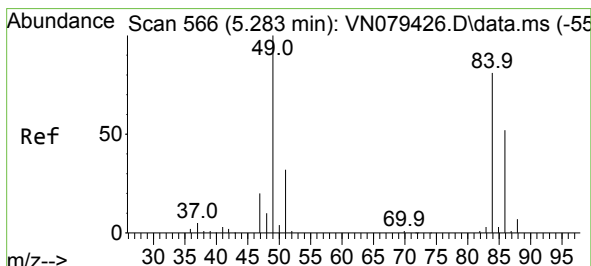
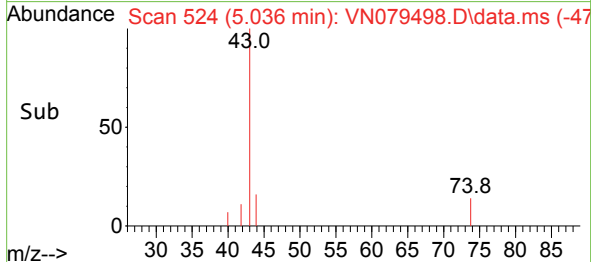
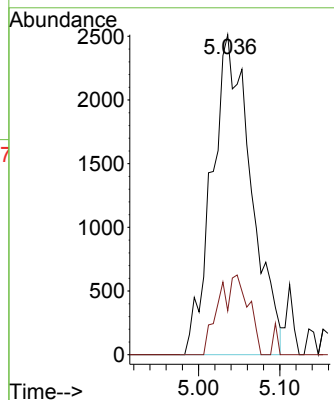
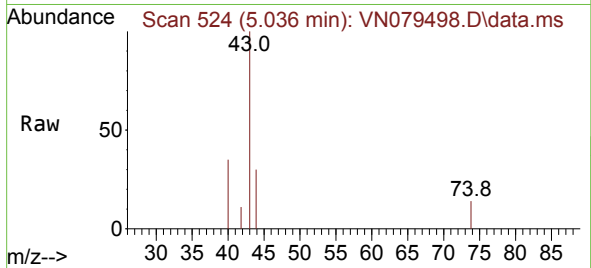




#18
Methyl Acetate
Concen: 0.808 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

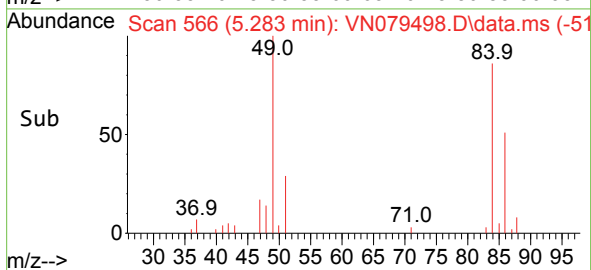
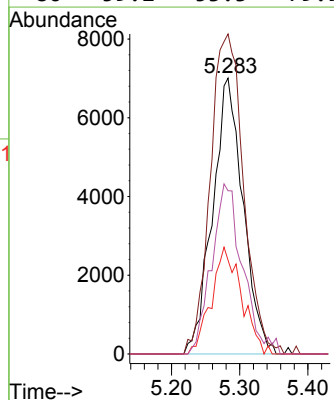
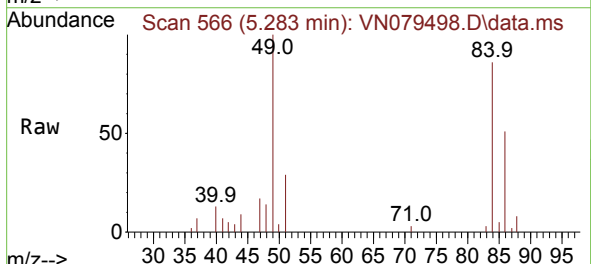
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MSVOA_N
ClientSampleId :

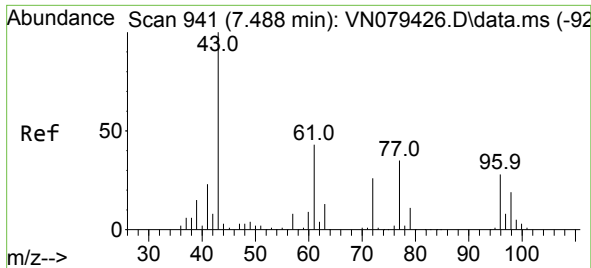
Tgt Ion: 43 Resp: 8393
Ion Ratio Lower Upper
43 100
74 19.0 26.2 39.4#



#20
Methylene Chloride
Concen: 4.132 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 84 Resp: 21769
Ion Ratio Lower Upper
84 100
49 116.0 79.7 119.5
51 34.0 25.2 37.8
86 59.2 53.3 79.9

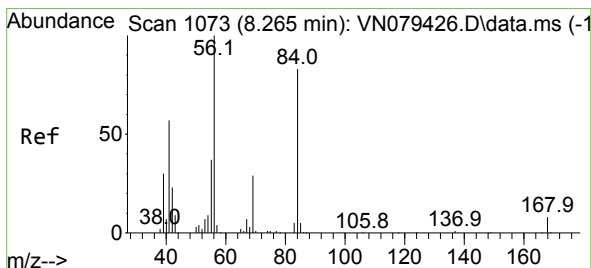
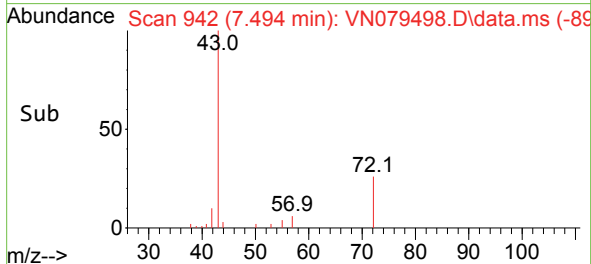
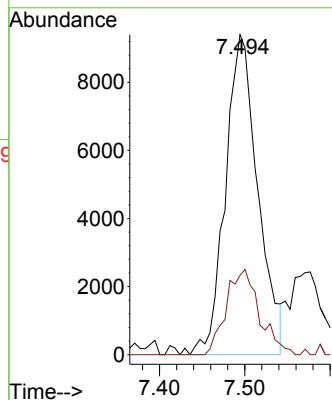
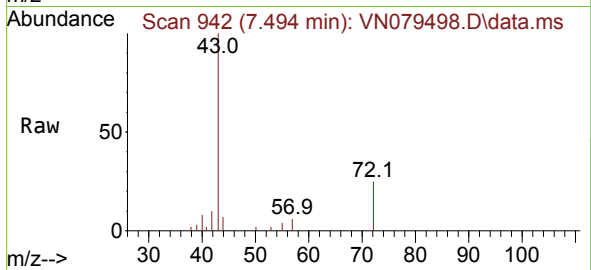




#25
2-Butanone
Concen: 7.902 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

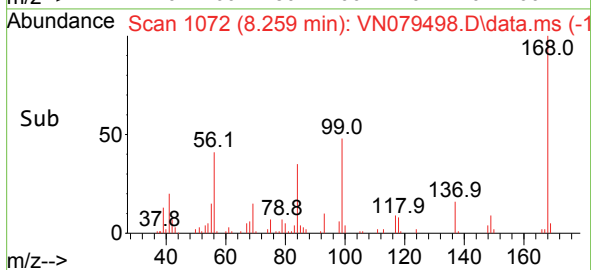
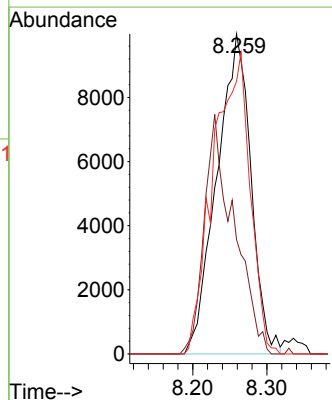
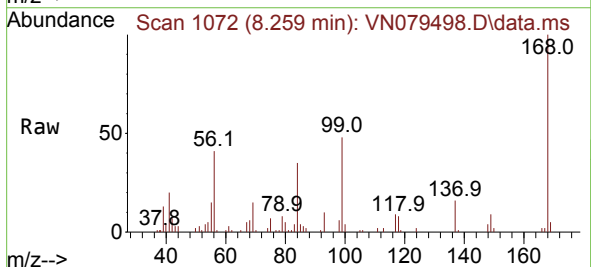
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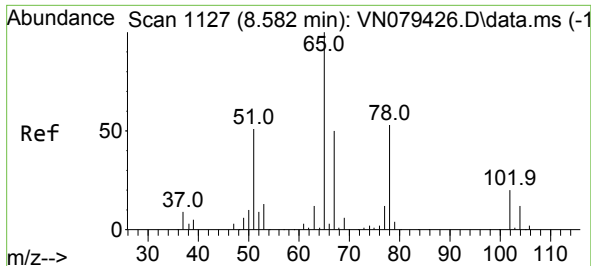
Tgt Ion: 43 Resp: 24887
Ion Ratio Lower Upper
43 100
72 24.8 30.2 45.2#



#31
Cyclohexane
Concen: 4.195 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 56 Resp: 31838
Ion Ratio Lower Upper
56 100
69 35.7 26.8 40.2
84 85.1 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 47.492 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

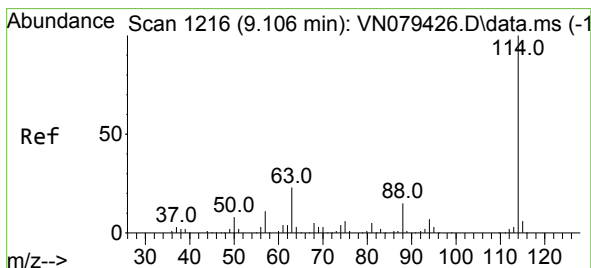
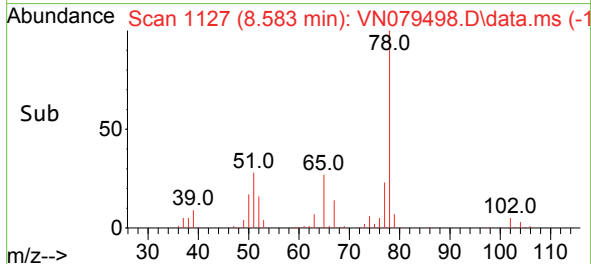
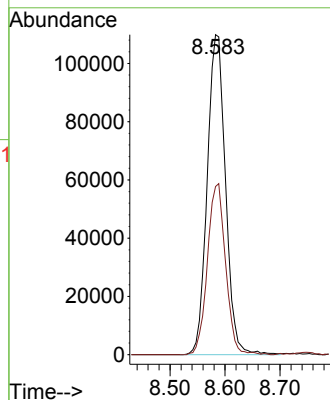
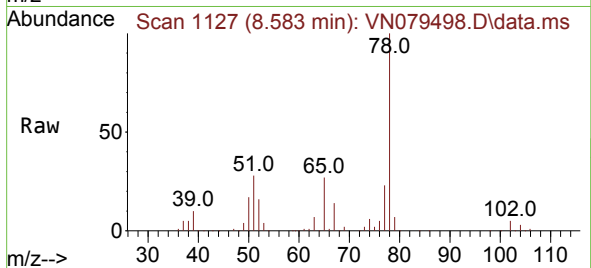
ClientSampleId :

Tgt Ion: 65 Resp: 254082

Ion Ratio Lower Upper

65 100

67 53.1 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: VN079498.D

Acq: 10 Oct 2023 17:13

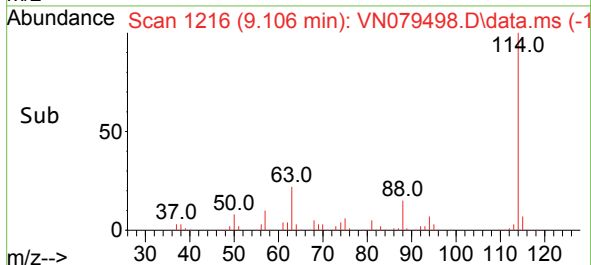
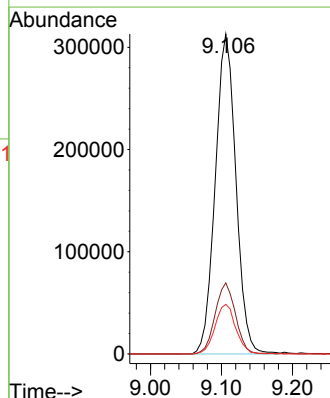
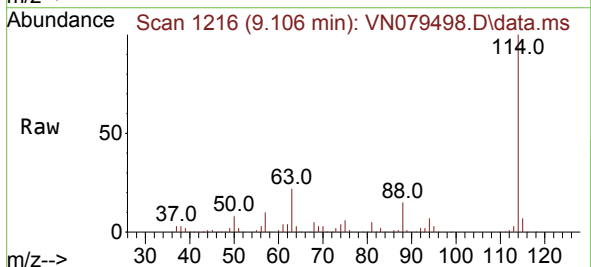
Tgt Ion: 114 Resp: 631470

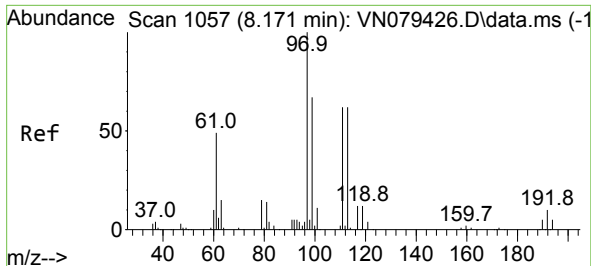
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.592 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

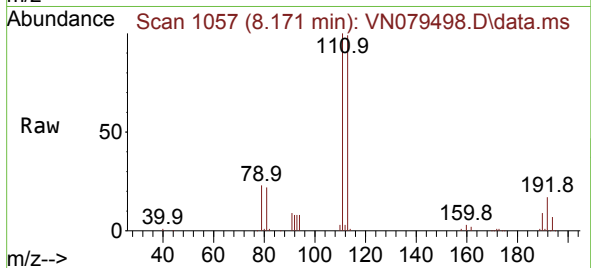
Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :



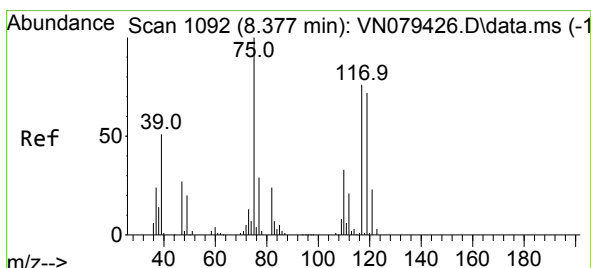
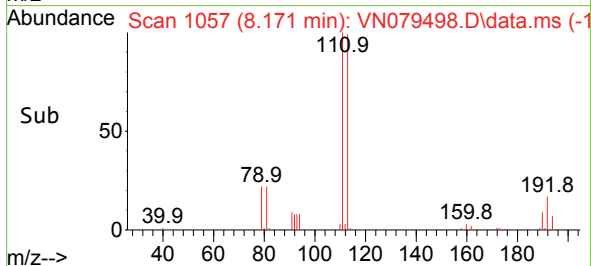
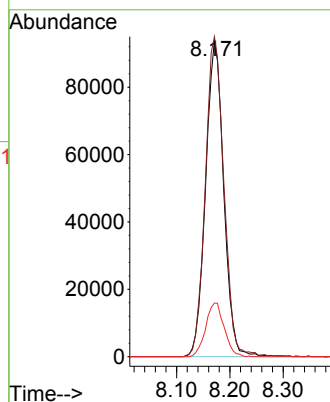
Tgt Ion:113 Resp: 220507

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 17.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.278 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

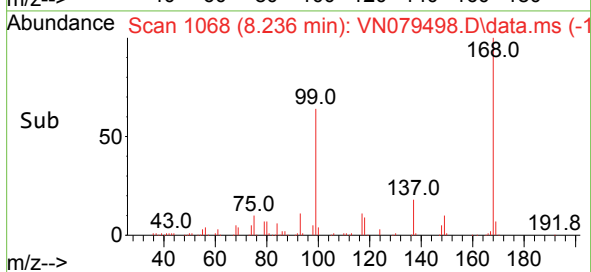
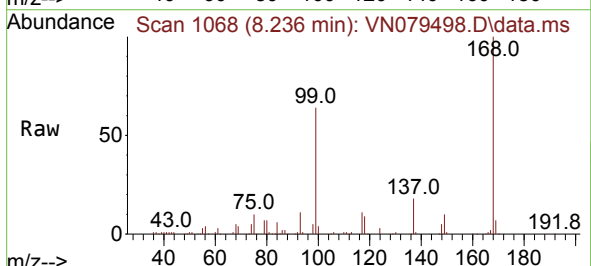
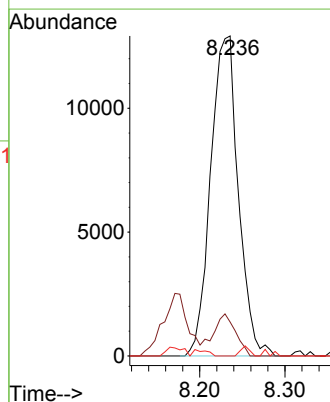
Tgt Ion: 75 Resp: 29138

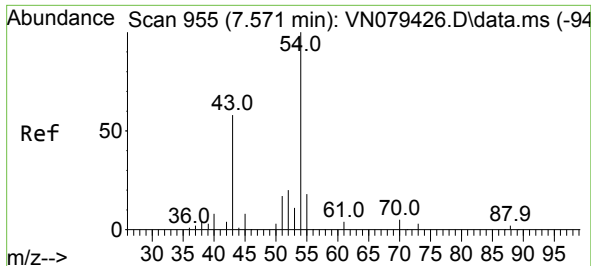
Ion Ratio Lower Upper

75 100

110 10.7 19.1 57.3#

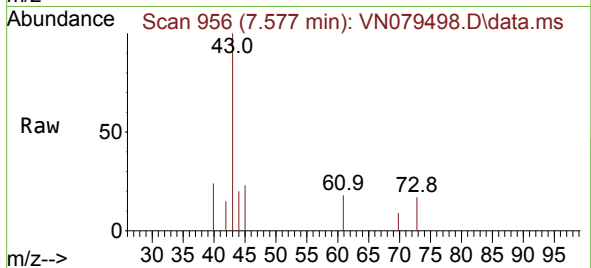
77 0.0 25.0 37.4#



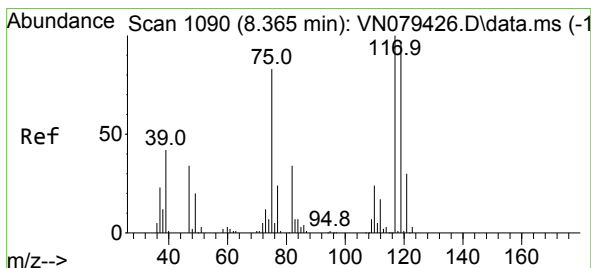
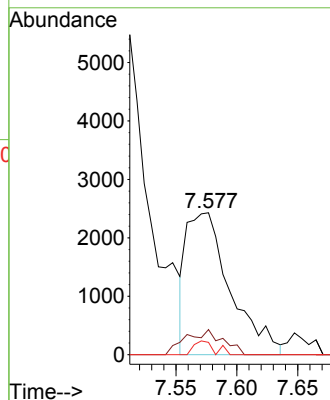
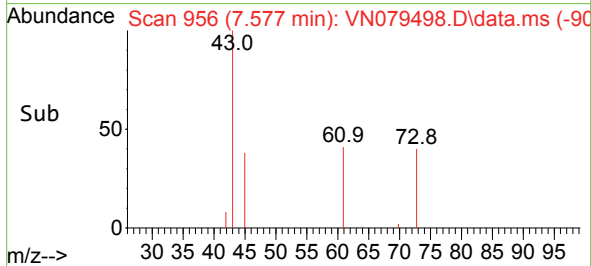


#37
Ethyl Acetate
Concen: 0.896 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Instrument :
MSVOA_N
ClientSampleId :

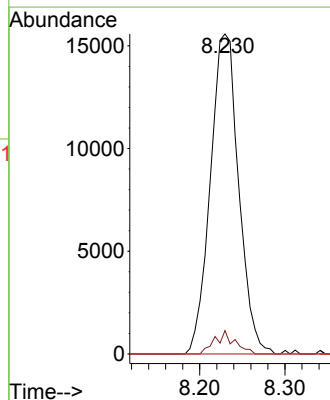
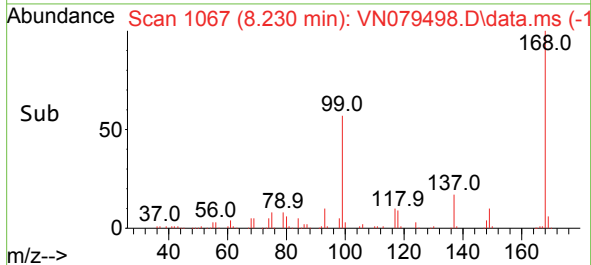
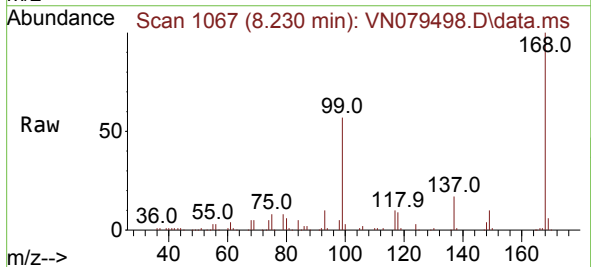


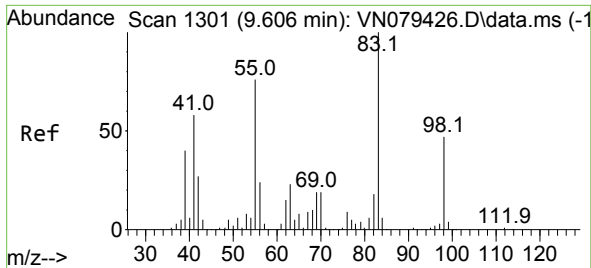
Tgt Ion: 43 Resp: 6073
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 4.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 5.281 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 117 Resp: 36011
Ion Ratio Lower Upper
117 100
119 7.3 77.3 115.9#
121 0.0 23.3 34.9#

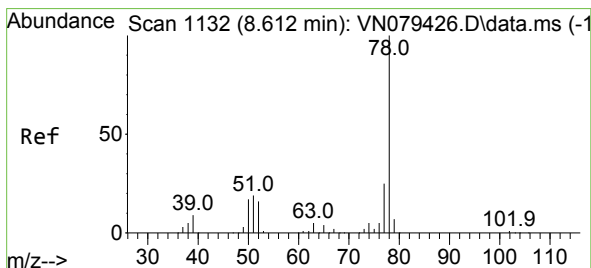
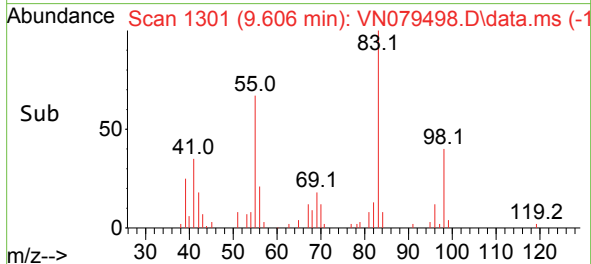
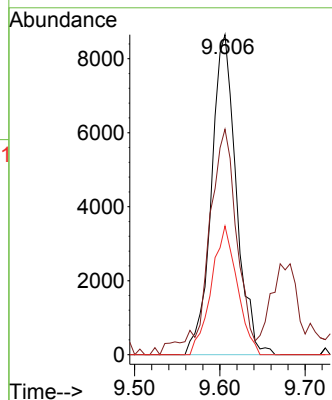
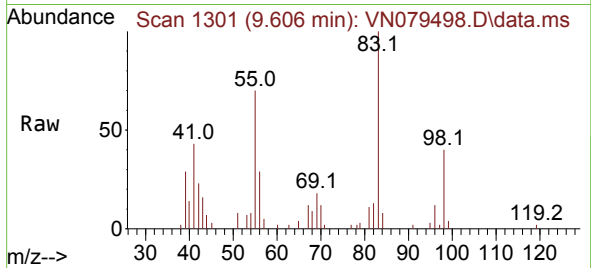




#39
Methylcyclohexane
Concen: 2.675 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

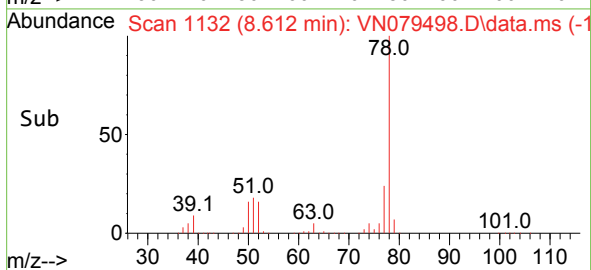
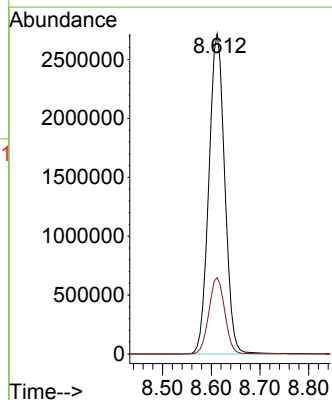
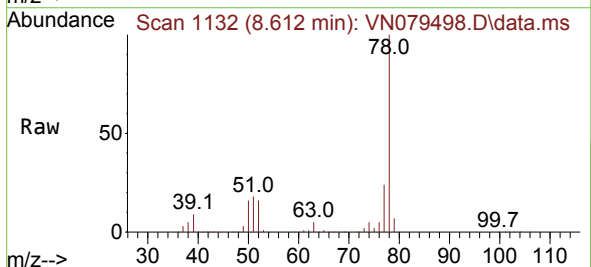
Instrument :
MSVOA_N
ClientSampleId :

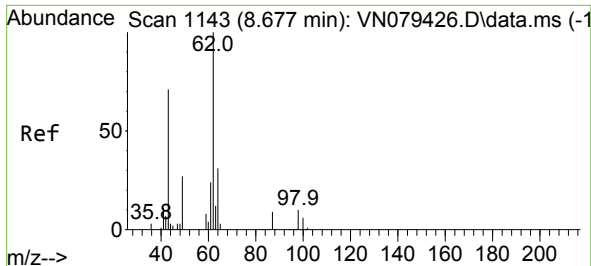
Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.7	49.1	73.7
98	40.2	40.6	61.0



#40
Benzene
Concen: 303.625 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





#42

1,2-Dichloroethane

Concen: 0.238 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

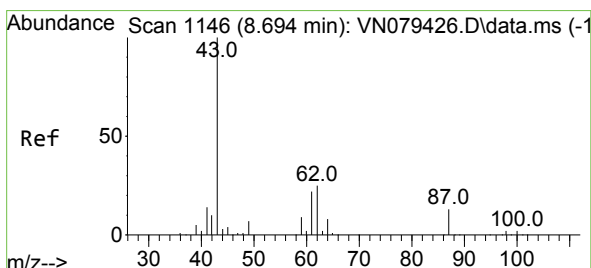
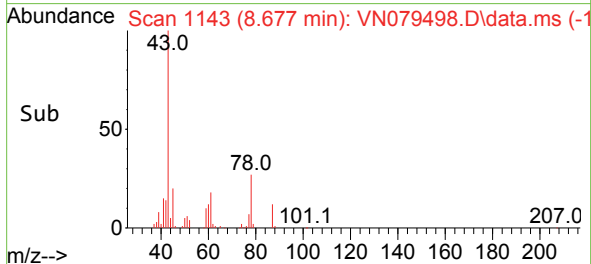
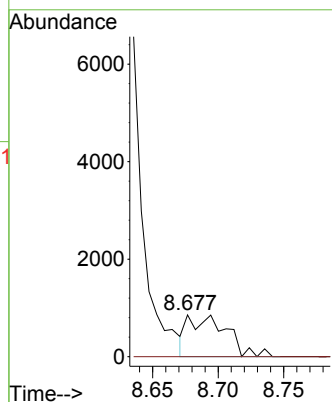
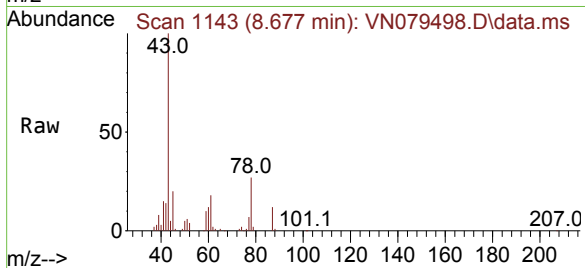
ClientSampleId :

Tgt Ion: 62 Resp: 1751

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 20.917 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

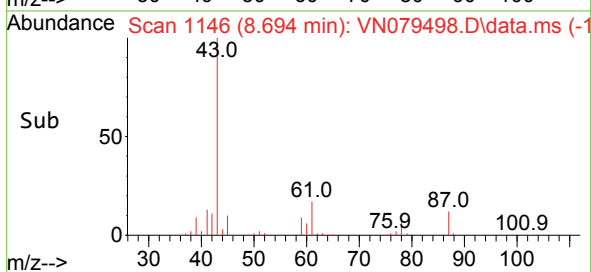
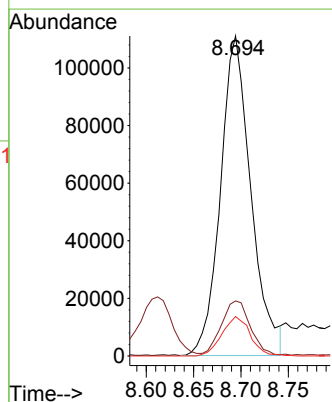
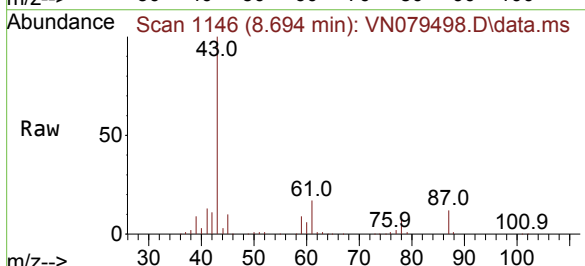
Tgt Ion: 43 Resp: 248347

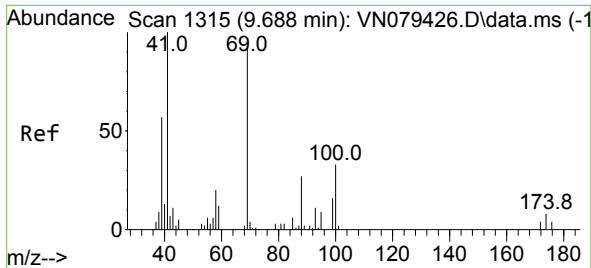
Ion Ratio Lower Upper

43 100

61 16.1 24.7 37.1#

87 11.5 14.6 21.8#

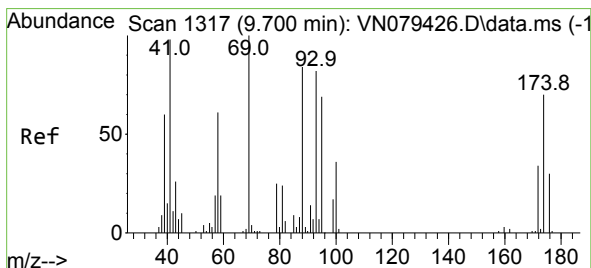
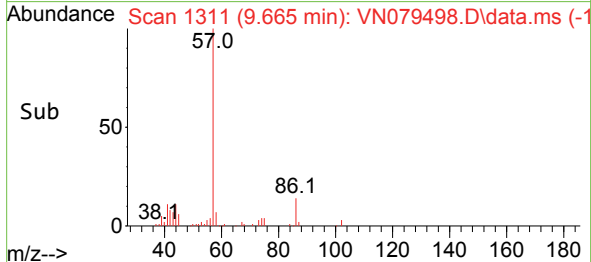
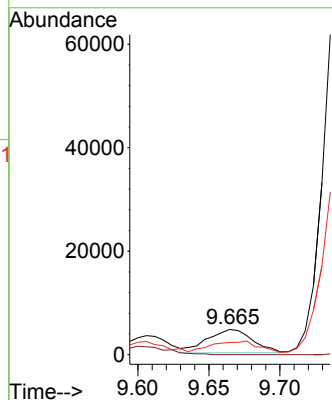
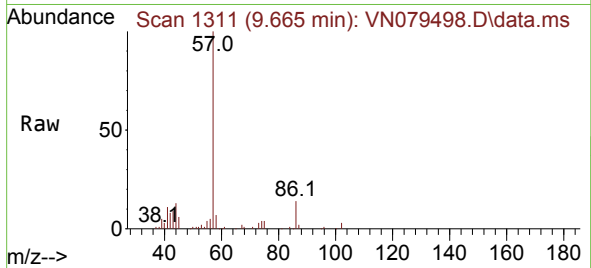




#48
Methyl methacrylate
Concen: 1.980 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.023 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

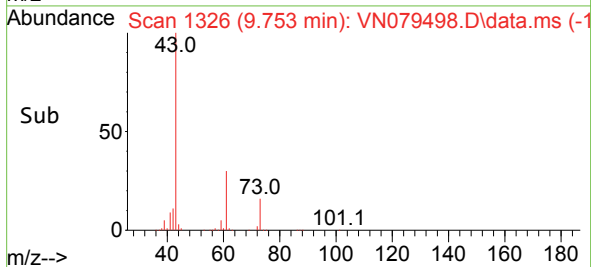
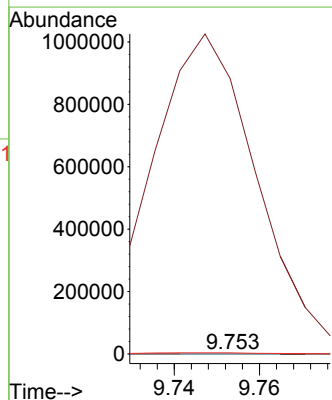
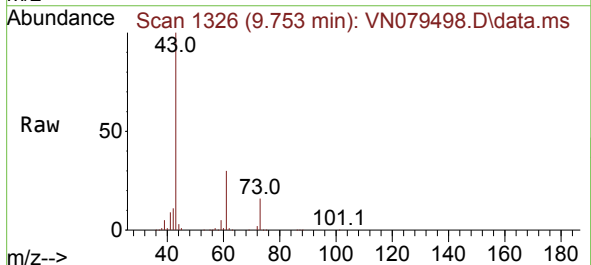
Instrument :
MSVOA_N
ClientSampleId :

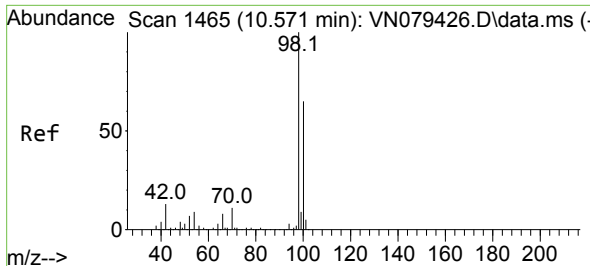
Tgt Ion: 41 Resp: 10074
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 50.9 54.6 81.8#



#49
1,4-Dioxane
Concen: 0.779 ug/l
RT: 9.753 min Scan# 1326
Delta R.T. 0.053 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 2519101.4 17.0 25.6#
58 11009.6 47.0 70.4#

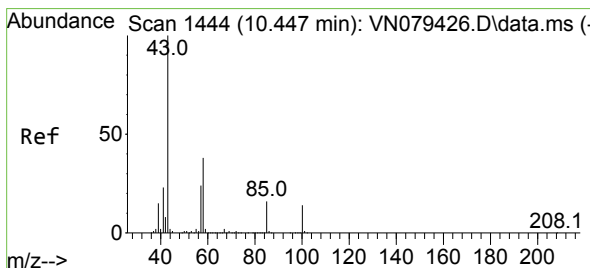
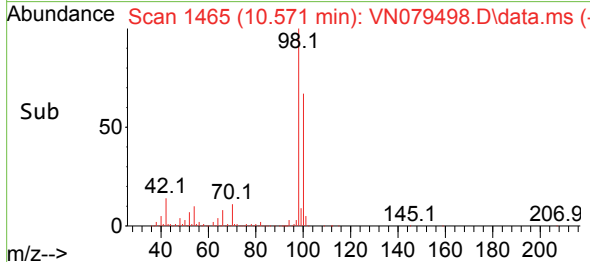
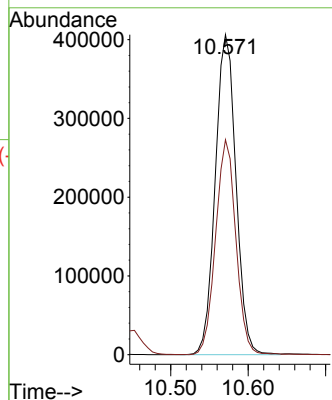
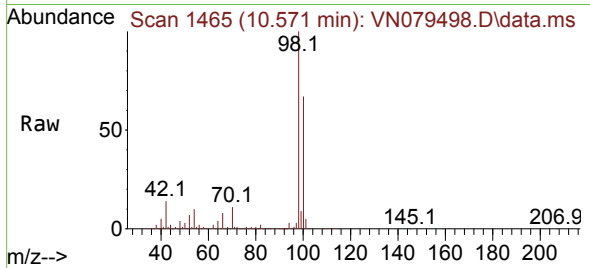




#50
Toluene-d8
Concen: 45.905 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

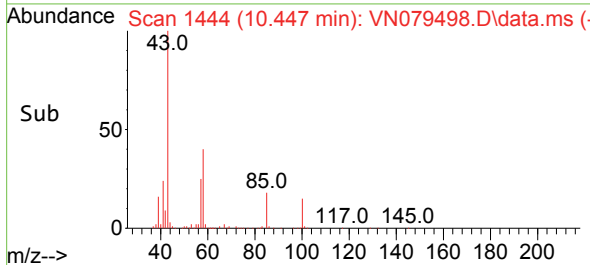
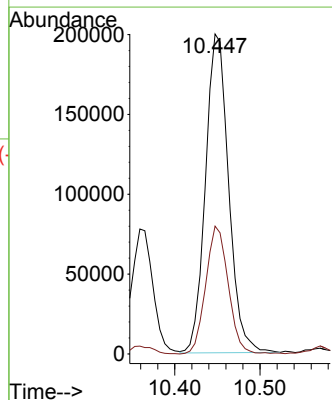
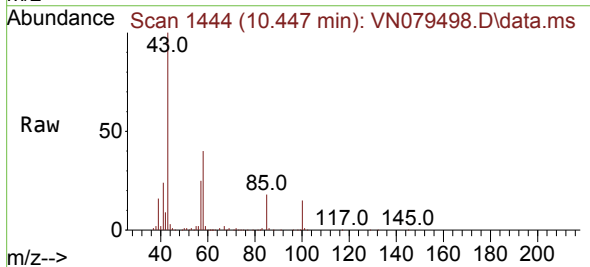
Instrument :
MSVOA_N
ClientSampleId :

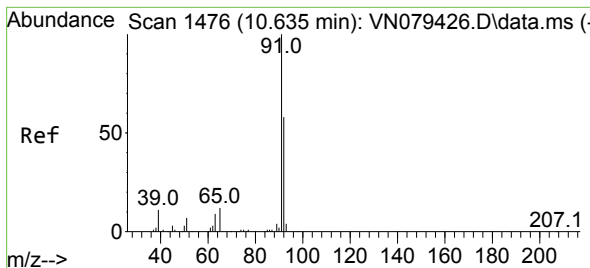
Tgt Ion: 98 Resp: 753752
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 56.222 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 43 Resp: 376821
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8





#52

Toluene

Concen: 250.606 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

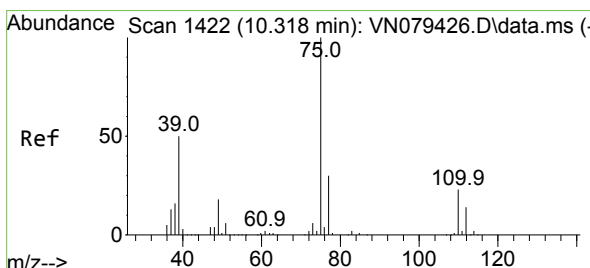
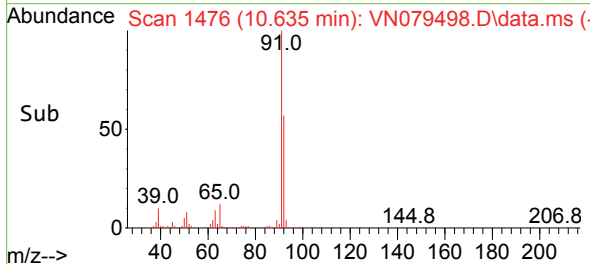
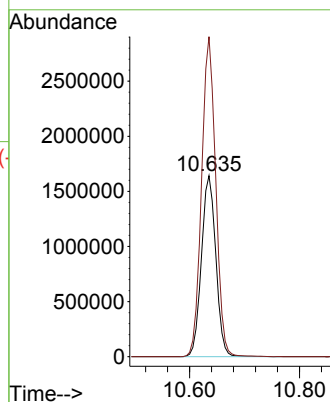
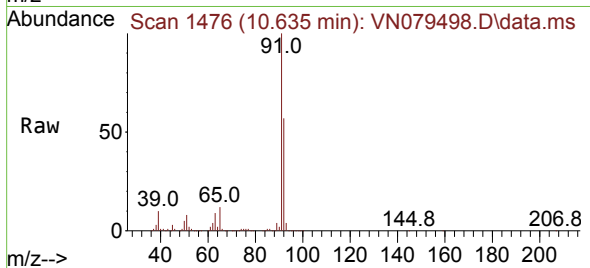
ClientSampleId :

Tgt Ion: 92 Resp: 2983814

Ion Ratio Lower Upper

92 100

91 174.1 137.4 206.0



#54

cis-1,3-Dichloropropene

Concen: 8.283 ug/l

RT: 10.359 min Scan# 1429

Delta R.T. 0.041 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

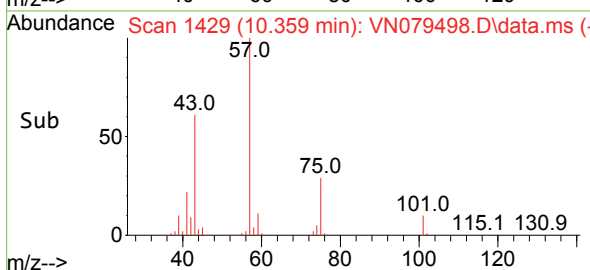
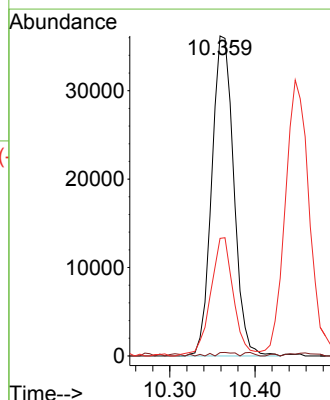
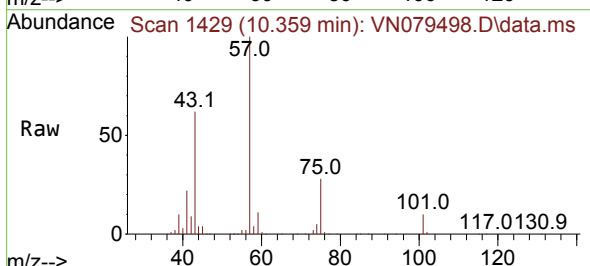
Tgt Ion: 75 Resp: 64880

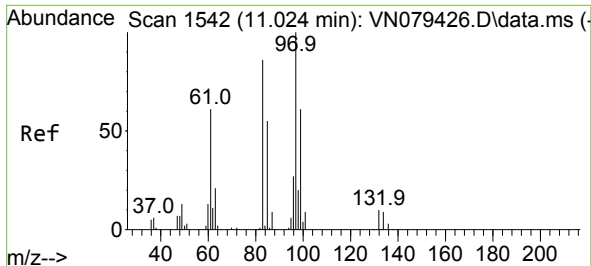
Ion Ratio Lower Upper

75 100

77 1.1 26.1 39.1#

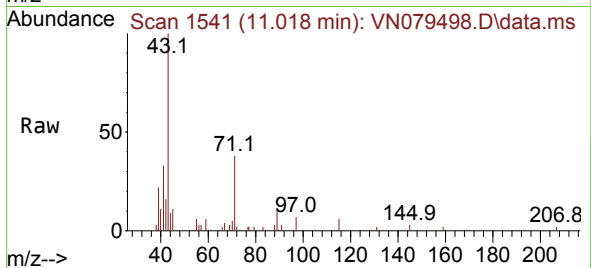
39 36.3 31.6 47.4



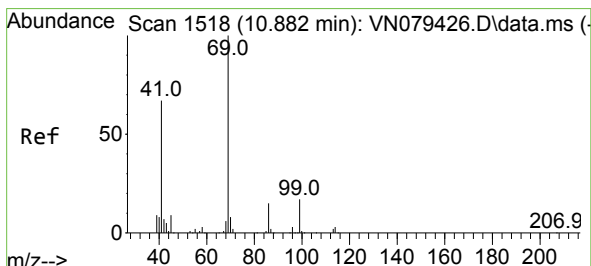
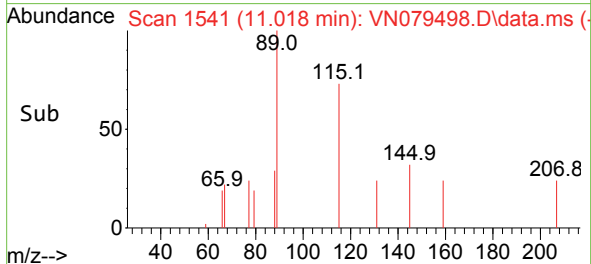
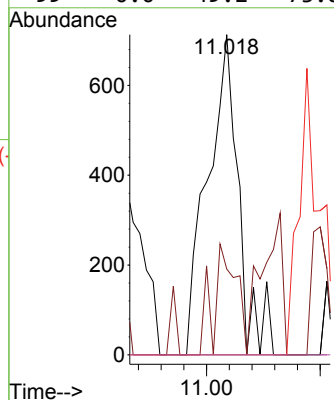


#55
1,1,2-Trichloroethane
Concen: 0.282 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Instrument :
MSVOA_N
ClientSampleId :

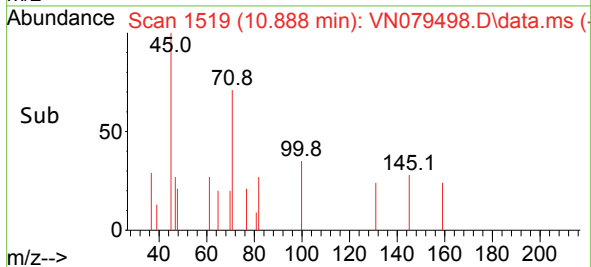
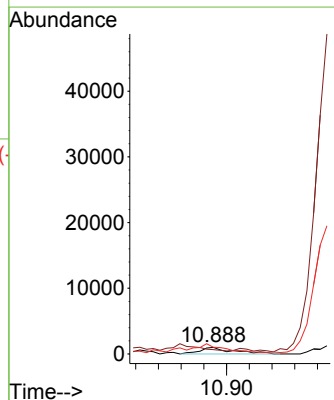
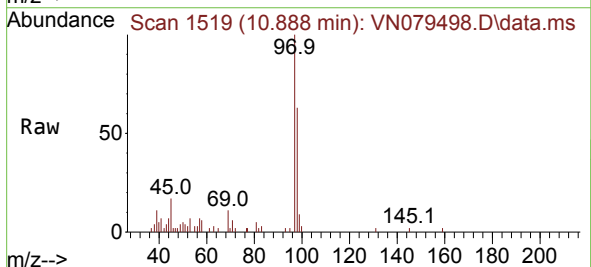


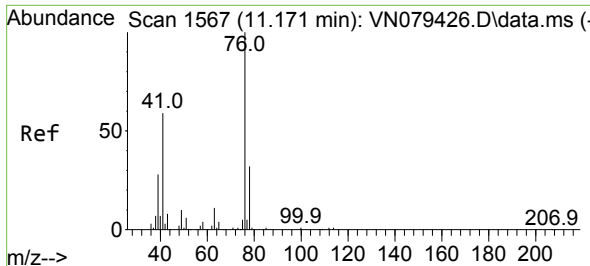
Tgt Ion:	97	Resp:	1349
Ion	Ratio	Lower	Upper
97	100		
83	26.8	65.1	97.7#
85	0.0	43.4	65.2#
99	0.0	49.2	73.8#



#56
Ethyl methacrylate
Concen: 0.312 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion:	69	Resp:	2047
Ion	Ratio	Lower	Upper
69	100		
41	0.0	39.6	59.4#
39	0.0	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 0.907 ug/l

RT: 11.206 min Scan# 1

Delta R.T. 0.035 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

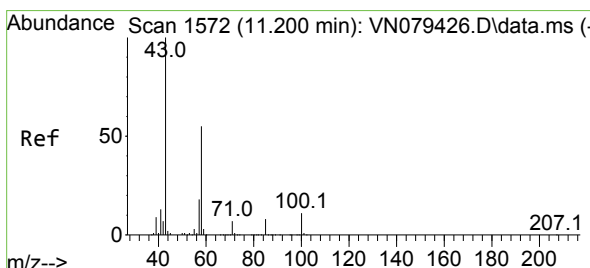
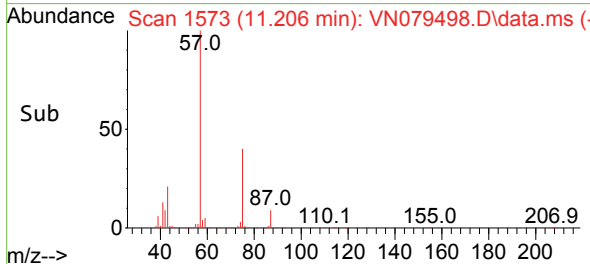
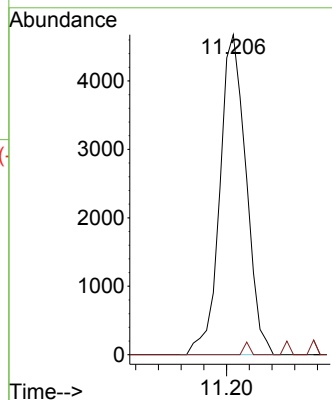
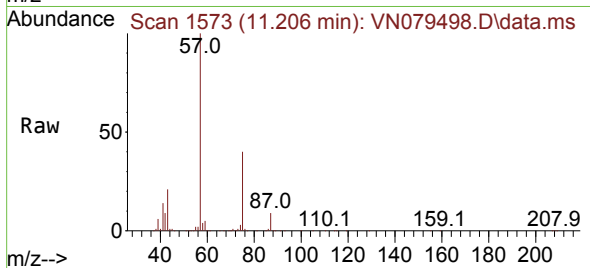
ClientSampleId :

Tgt Ion: 76 Resp: 7490

Ion Ratio Lower Upper

76 100

78 0.9 26.1 39.1#



#59

2-Hexanone

Concen: 29.300 ug/l

RT: 11.177 min Scan# 1568

Delta R.T. -0.023 min

Lab File: VN079498.D

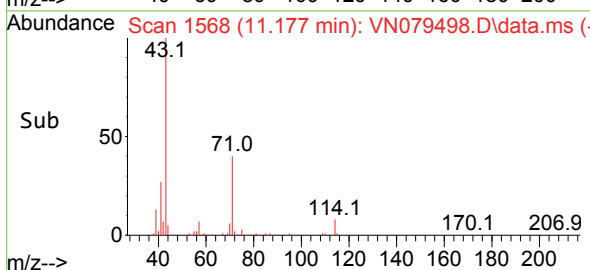
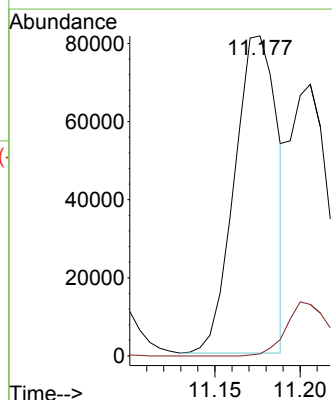
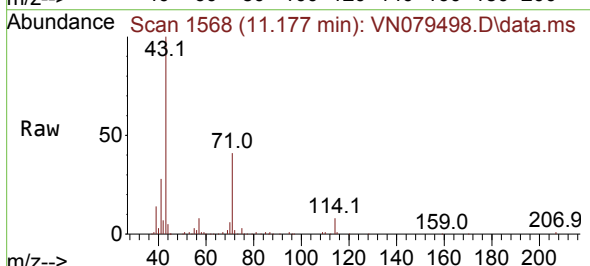
Acq: 10 Oct 2023 17:13

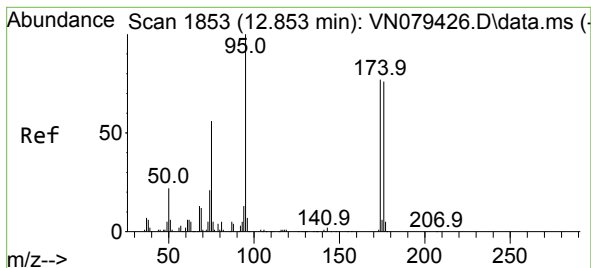
Tgt Ion: 43 Resp: 141707

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

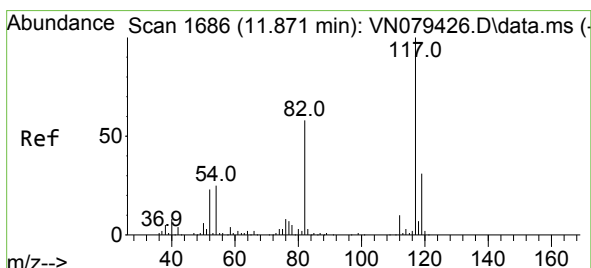
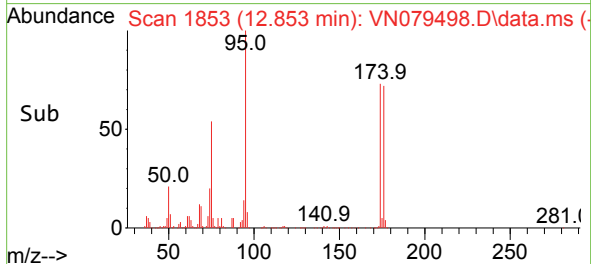
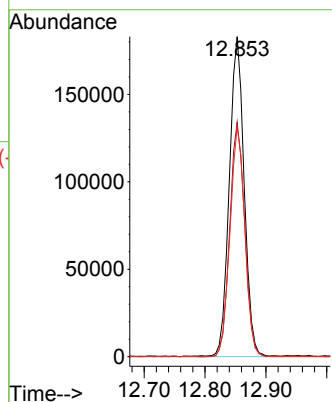
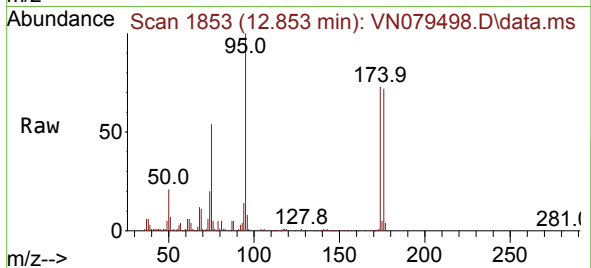




#62
4-Bromofluorobenzene
Concen: 59.025 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

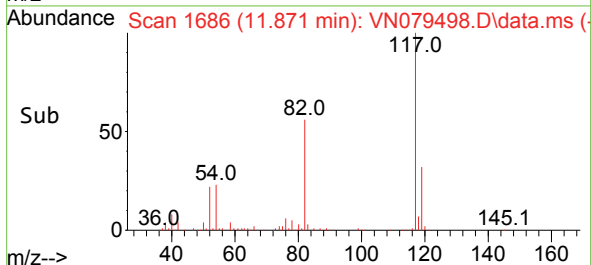
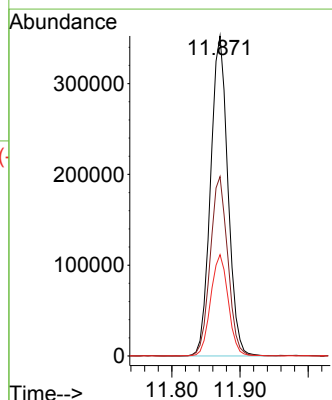
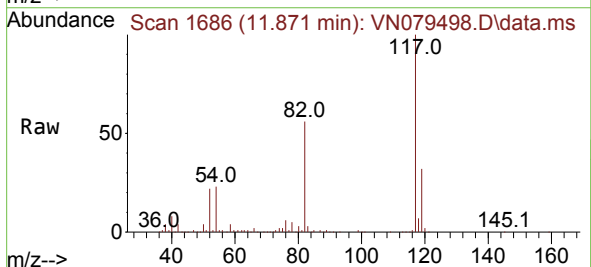
Instrument :
MSVOA_N
ClientSampleId :

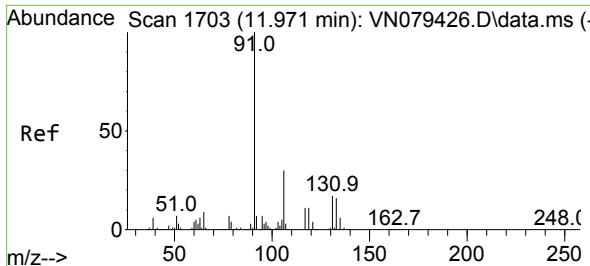
Tgt Ion: 95 Resp: 311030
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 117 Resp: 623702
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.7 25.6 38.4





#67

Ethyl Benzene

Concen: 17.156 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

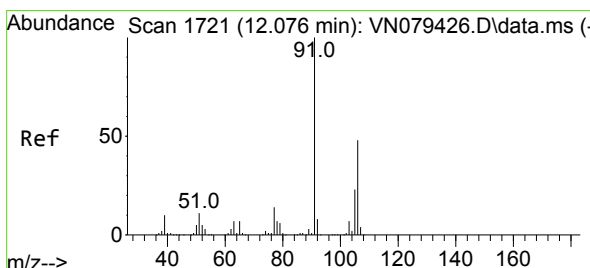
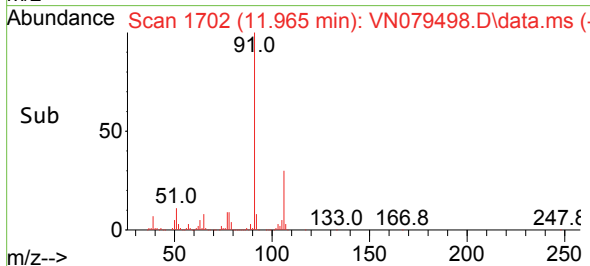
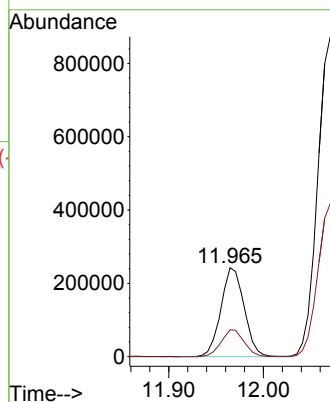
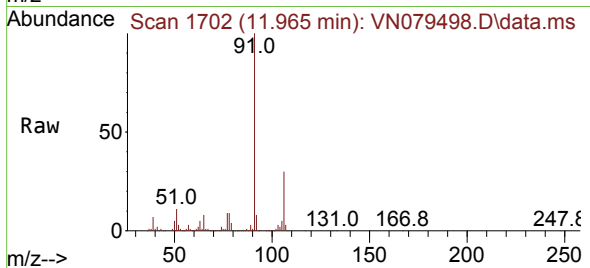
ClientSampleId :

Tgt Ion: 91 Resp: 414179

Ion Ratio Lower Upper

91 100

106 30.2 25.6 38.4



#68

m/p-Xylenes

Concen: 88.774 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.005 min

Lab File: VN079498.D

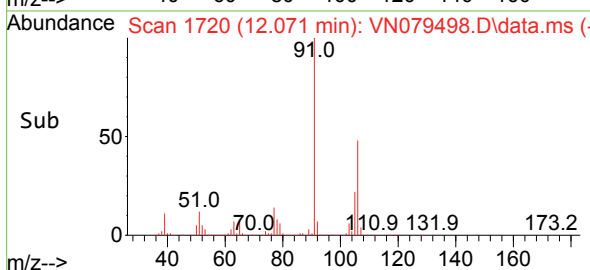
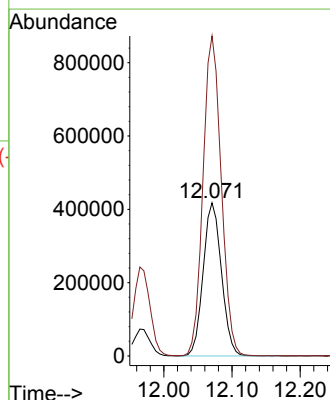
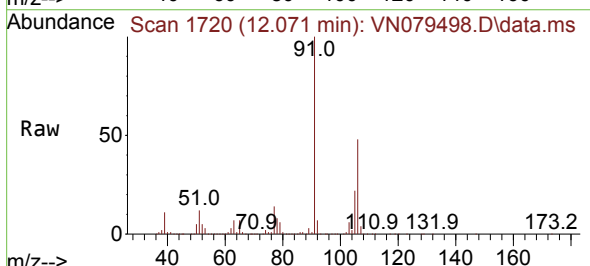
Acq: 10 Oct 2023 17:13

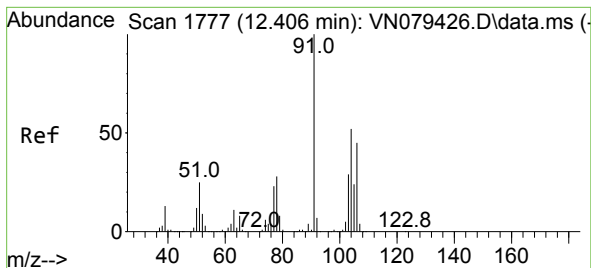
Tgt Ion:106 Resp: 778723

Ion Ratio Lower Upper

106 100

91 208.5 159.6 239.4





#69

o-Xylene

Concen: 60.108 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

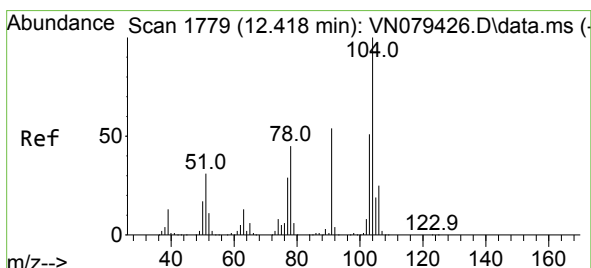
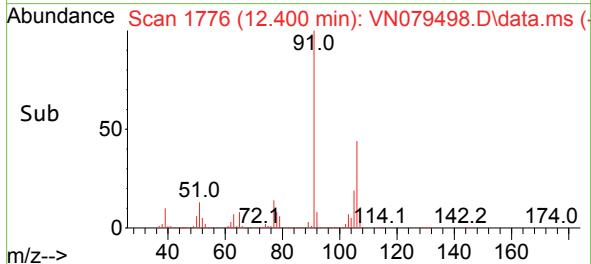
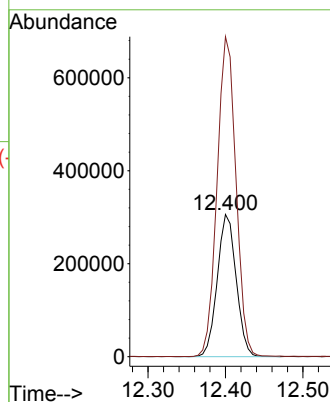
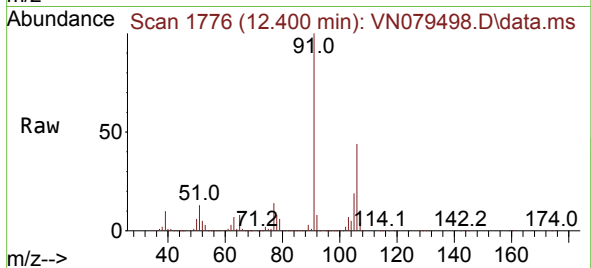
ClientSampleId :

Tgt Ion:106 Resp: 518541

Ion Ratio Lower Upper

106 100

91 224.6 105.2 315.5



#70

Styrene

Concen: 8.122 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

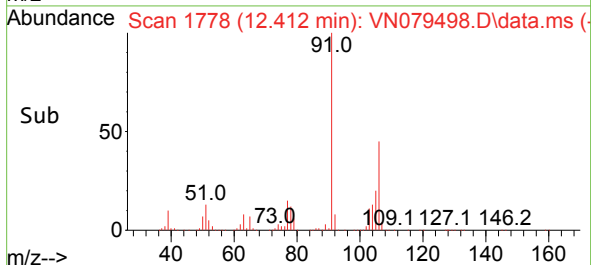
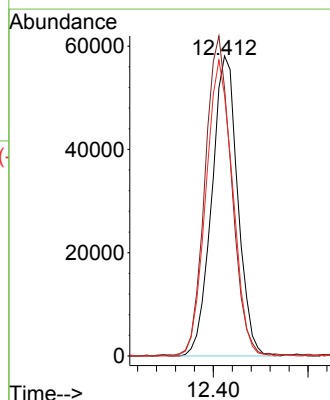
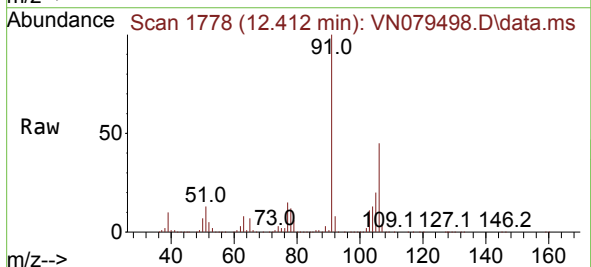
Tgt Ion:104 Resp: 110680

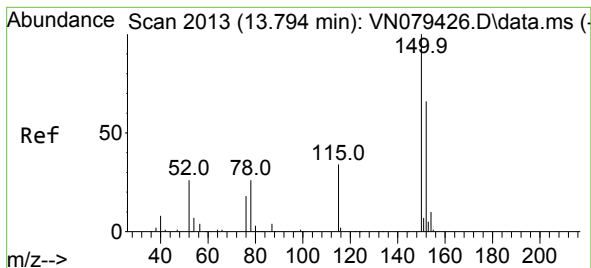
Ion Ratio Lower Upper

104 100

78 108.4 39.5 59.3#

103 101.7 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

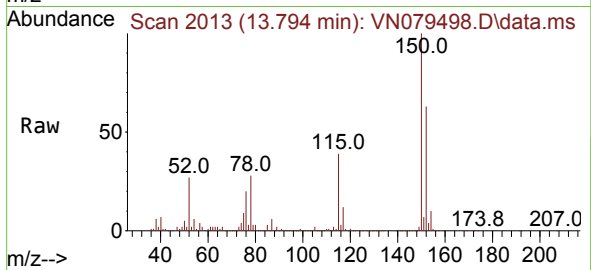
Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

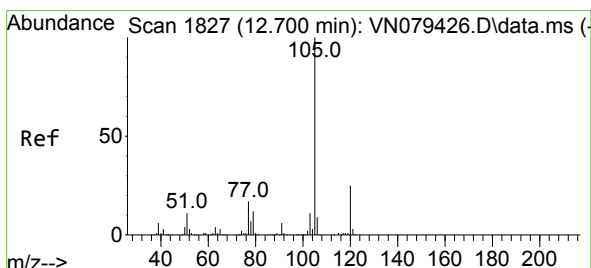
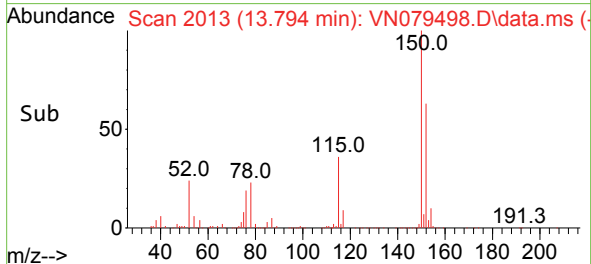
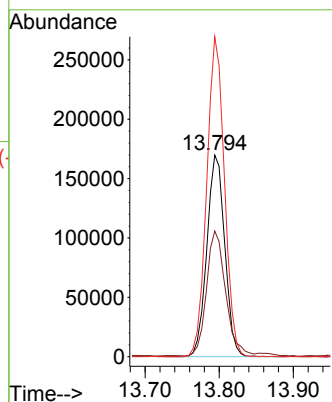
MSVOA_N

ClientSampleId :



Tgt Ion:152 Resp: 285499

Ion	Ratio	Lower	Upper
152	100		
115	66.0	32.3	96.8
150	156.7	0.0	355.8



#73

Isopropylbenzene

Concen: 1.039 ug/l

RT: 12.700 min Scan# 1827

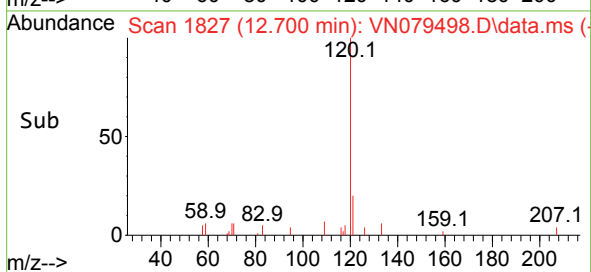
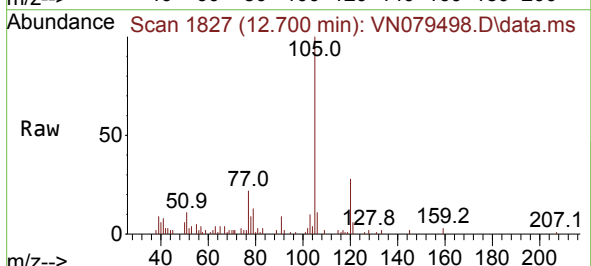
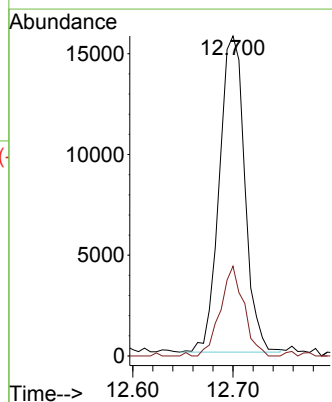
Delta R.T. 0.000 min

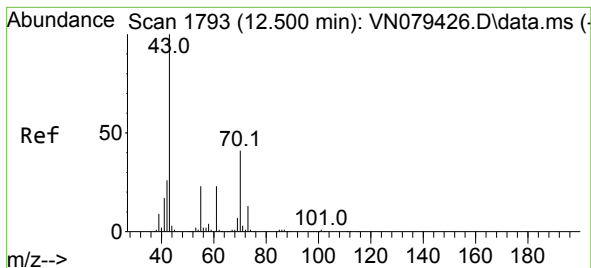
Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Tgt Ion:105 Resp: 27589

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.1





#74

N-amy1 acetate

Concen: 1.026 ug/l

RT: 12.465 min Scan# 1

Delta R.T. -0.035 min

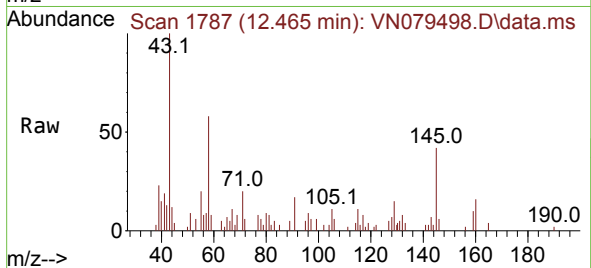
Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 11176

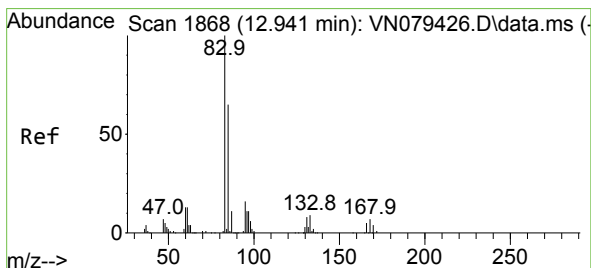
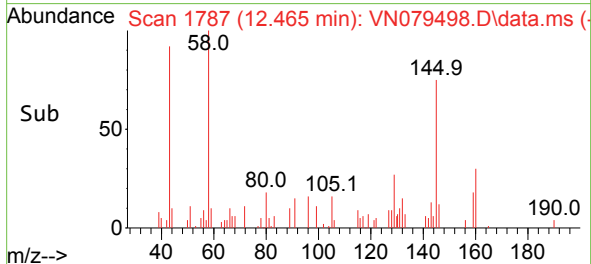
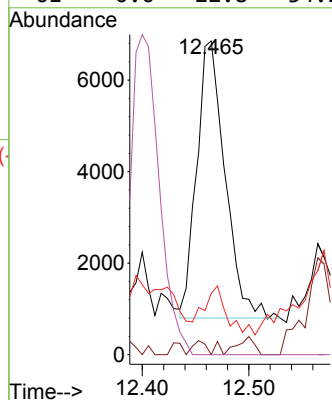
Ion Ratio Lower Upper

43 100

70 2.3 43.4 65.2#

55 14.1 21.4 32.0#

61 0.0 22.8 34.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

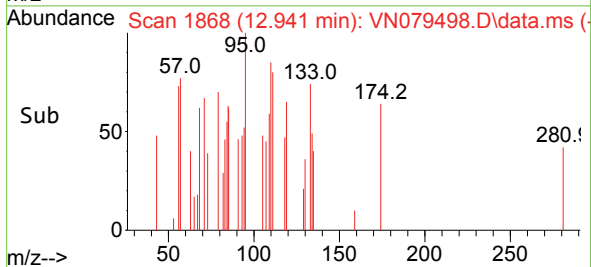
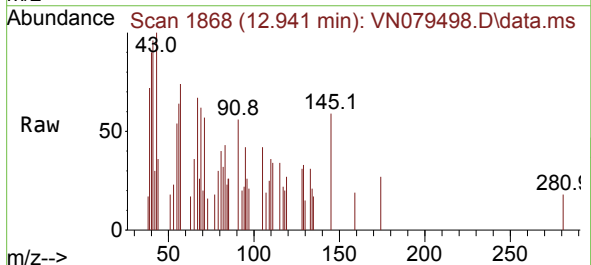
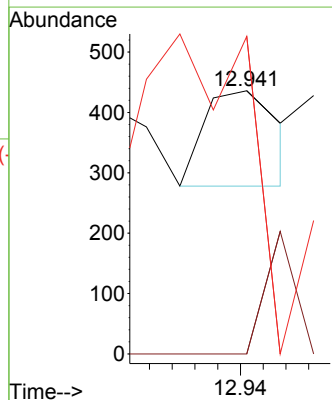
Tgt Ion: 83 Resp: 144

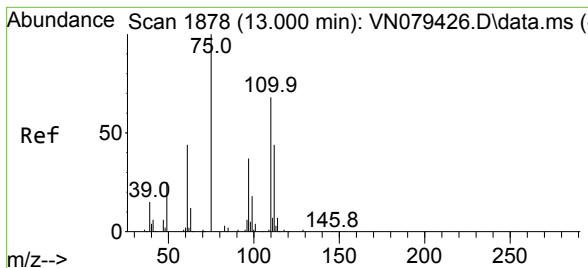
Ion Ratio Lower Upper

83 100

131 50.0 5.0 15.0#

85 618.8 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 20.598 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

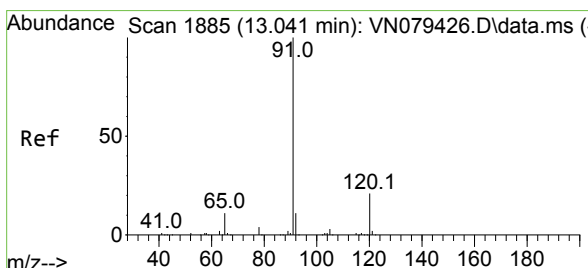
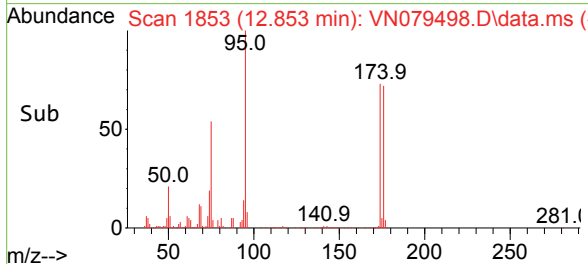
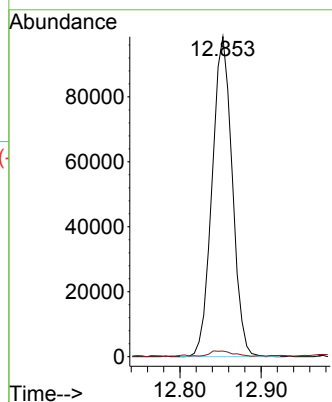
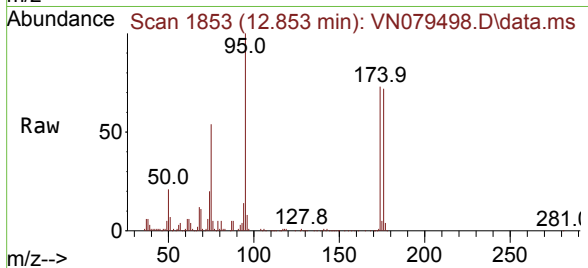
ClientSampleId :

Tgt Ion: 75 Resp: 169554

Ion Ratio Lower Upper

75 100

77 1.9 84.5 253.5#



#78

n-propylbenzene

Concen: 1.350 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079498.D

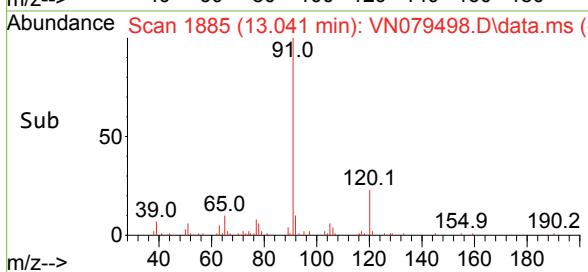
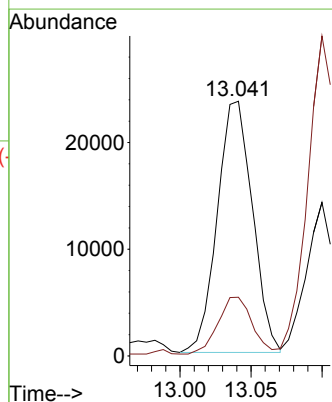
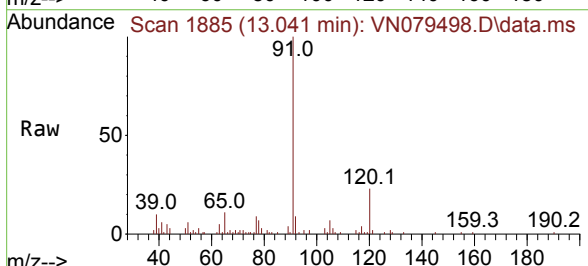
Acq: 10 Oct 2023 17:13

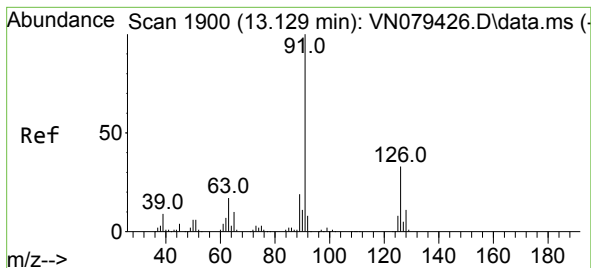
Tgt Ion: 91 Resp: 40566

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.467 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.029 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

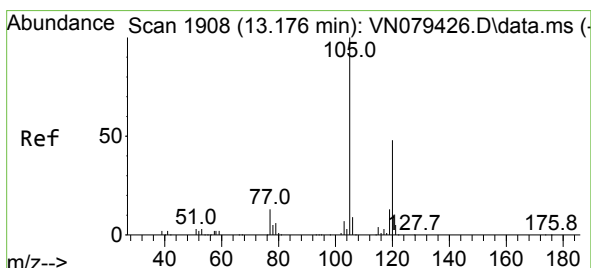
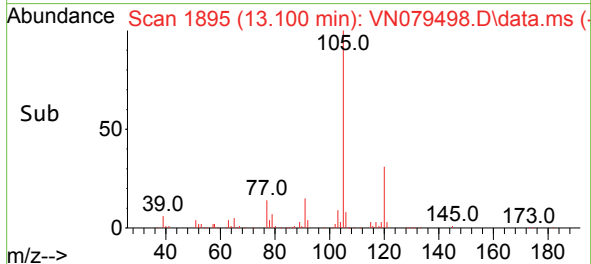
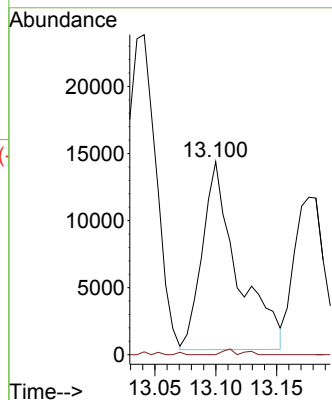
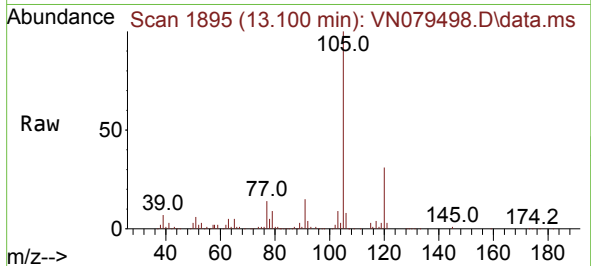
ClientSampleId :

Tgt Ion: 91 Resp: 28211

Ion Ratio Lower Upper

91 100

126 1.4 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 8.604 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079498.D

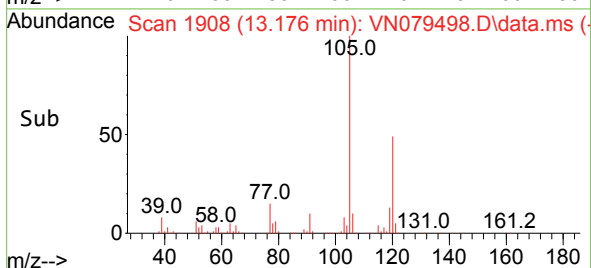
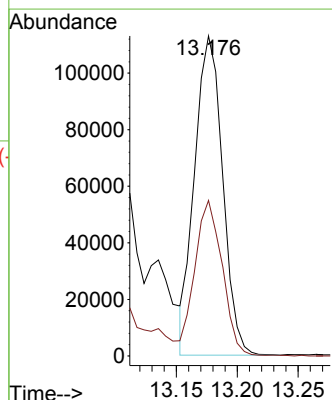
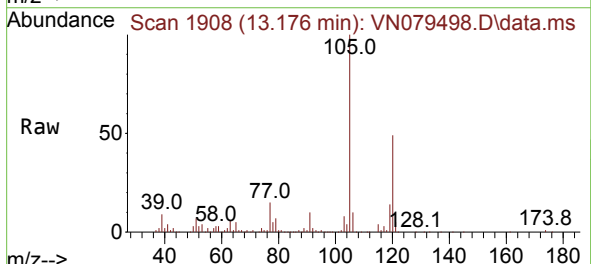
Acq: 10 Oct 2023 17:13

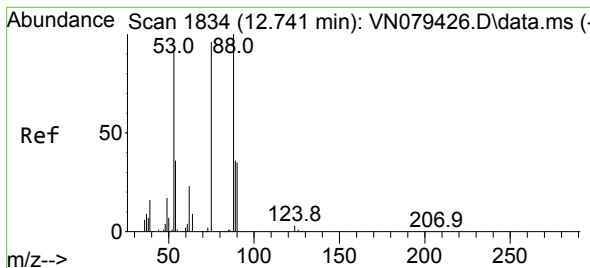
Tgt Ion: 105 Resp: 180205

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3

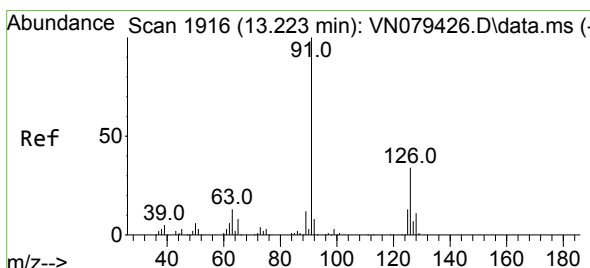
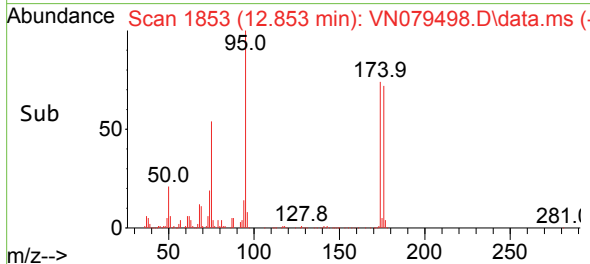
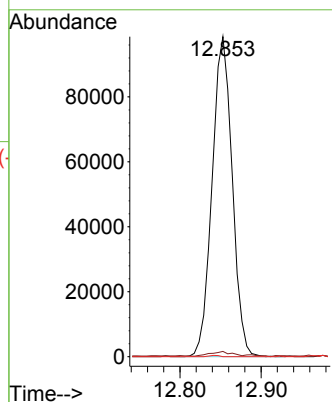
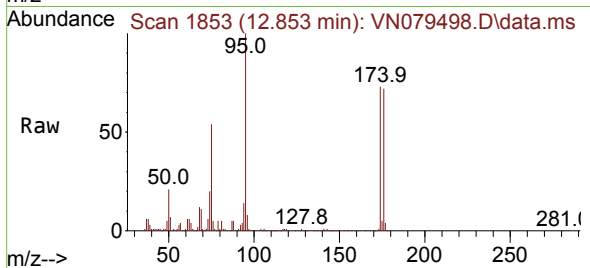




#81
trans-1,4-Dichloro-2-butene
Concen: 59.765 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

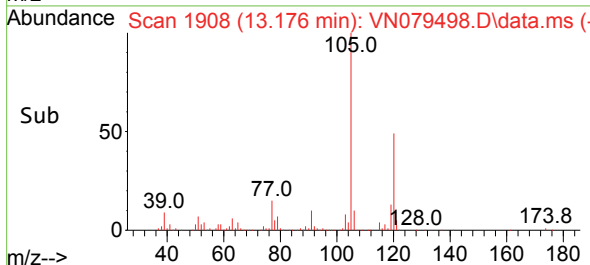
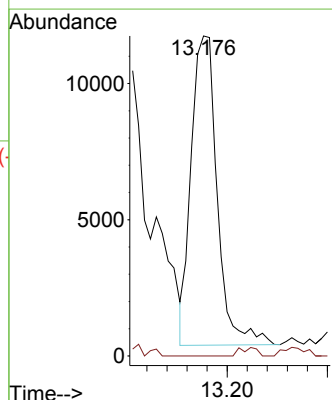
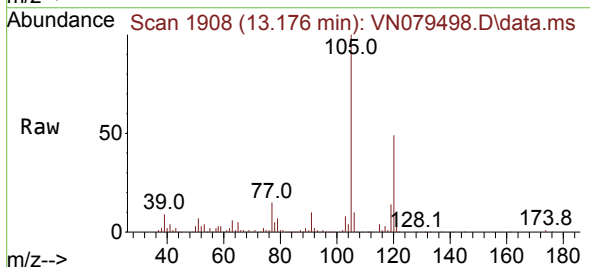
Instrument :
MSVOA_N
ClientSampleId :

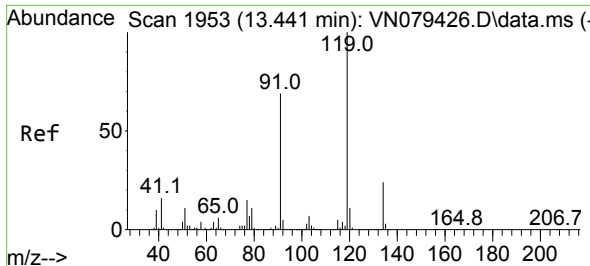
Tgt Ion: 75 Resp: 169554
Ion Ratio Lower Upper
75 100
53 1.5 67.4 101.2#
89 0.2 38.8 58.2#



#82
4-Chlorotoluene
Concen: 1.119 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion: 91 Resp: 20484
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#

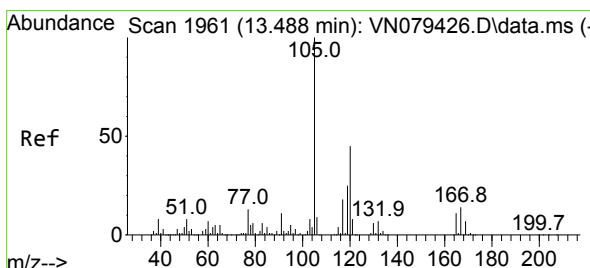
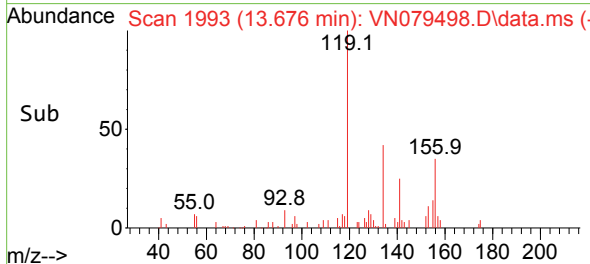
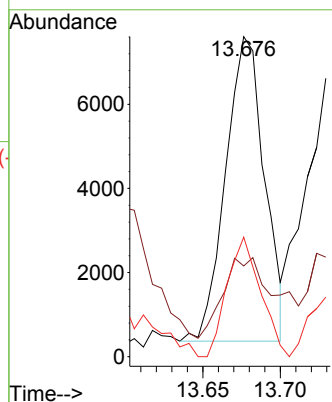
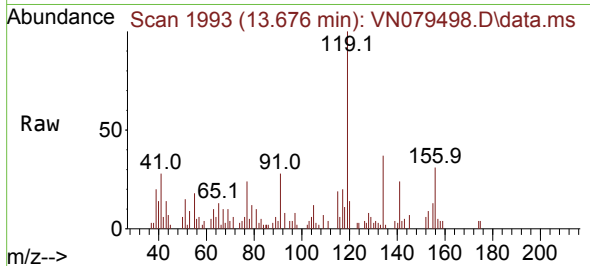




#83
tert-Butylbenzene
Concen: 0.735 ug/l
RT: 13.676 min Scan# 1953
Delta R.T. 0.235 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

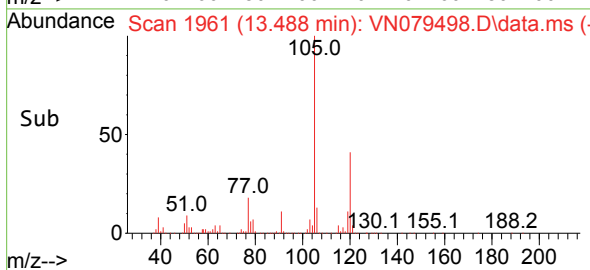
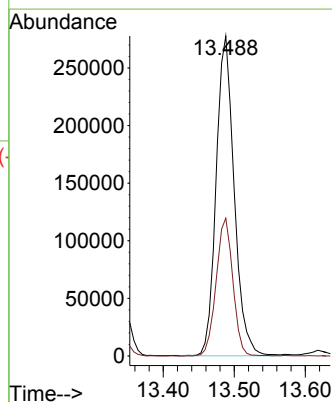
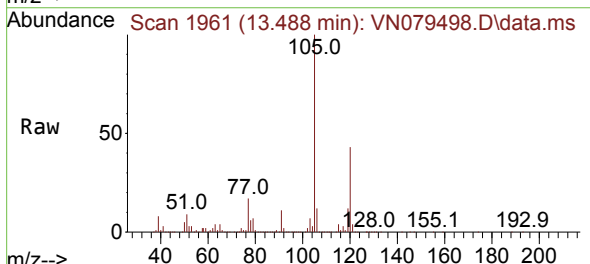
Instrument :
MSVOA_N
ClientSampleId :

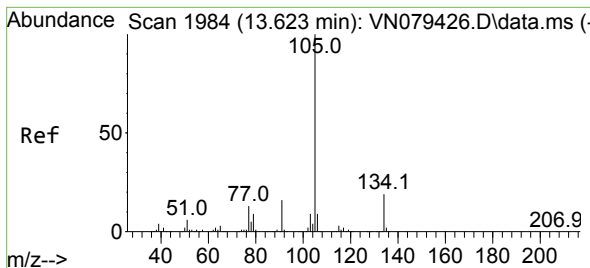
Tgt Ion:119 Resp: 12614
Ion Ratio Lower Upper
119 100
91 36.1 33.9 101.7
134 33.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 24.416 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

Tgt Ion:105 Resp: 488028
Ion Ratio Lower Upper
105 100
120 39.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.390 ug/l

RT: 13.488 min Scan# 1984

Delta R.T. -0.135 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

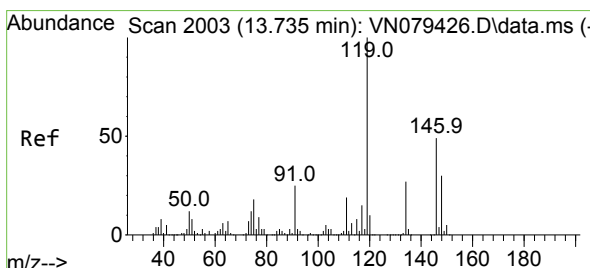
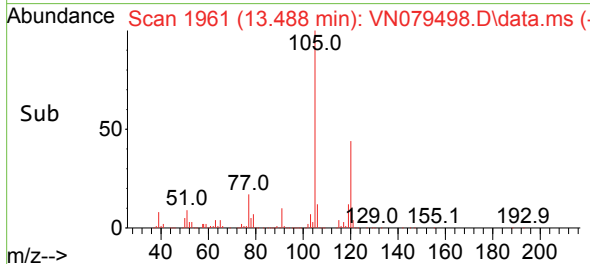
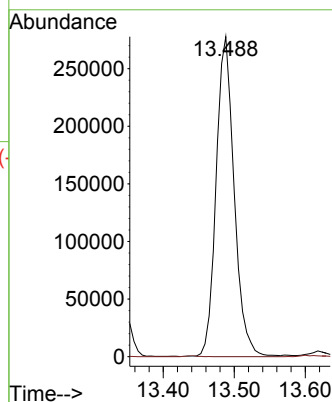
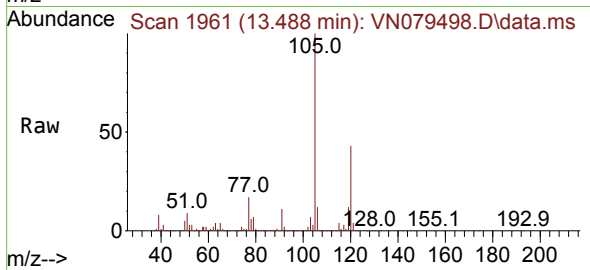
ClientSampleId :

Tgt Ion:105 Resp: 488028

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.641 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

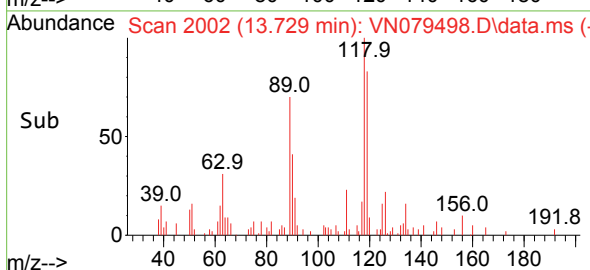
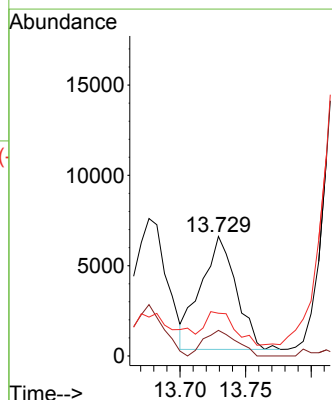
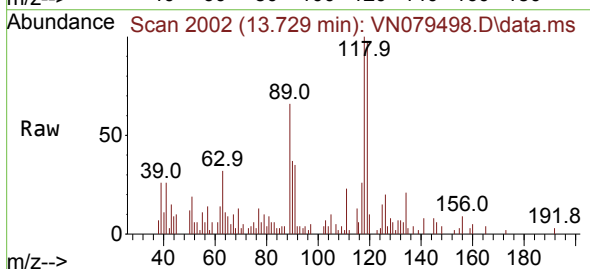
Tgt Ion:119 Resp: 11778

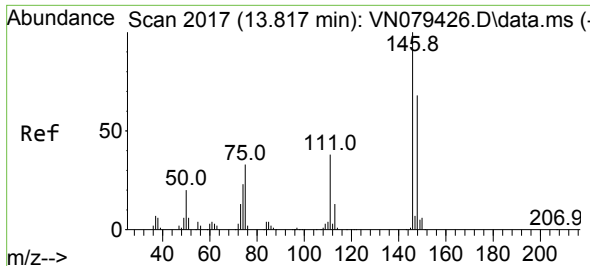
Ion Ratio Lower Upper

119 100

134 20.9 12.6 37.8

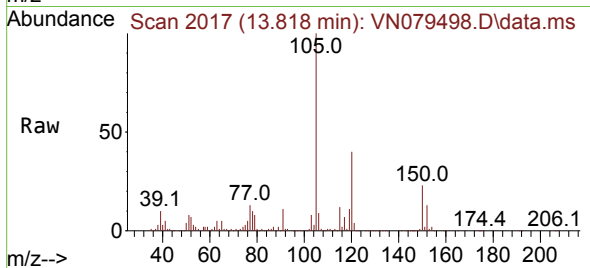
91 23.6 12.4 37.2



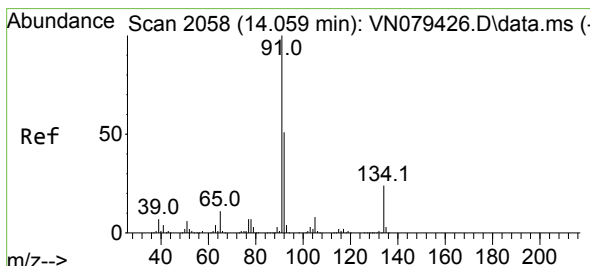
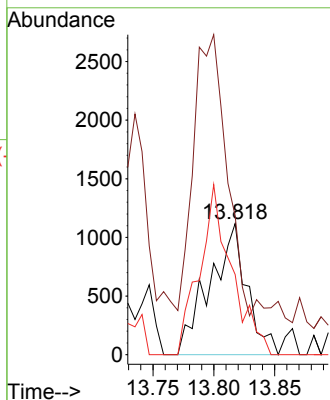
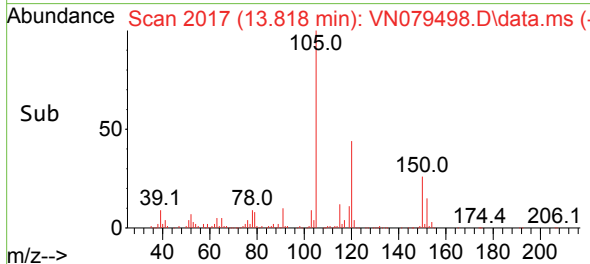


#88
1,4-Dichlorobenzene
Concen: 0.222 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13

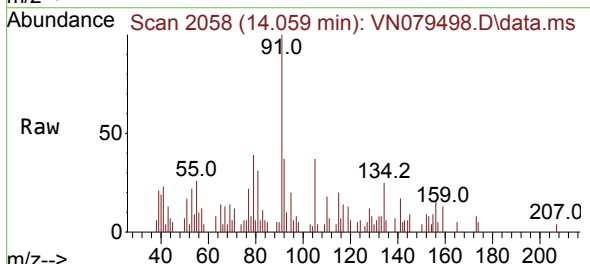
Instrument :
MSVOA_N
ClientSampleId :



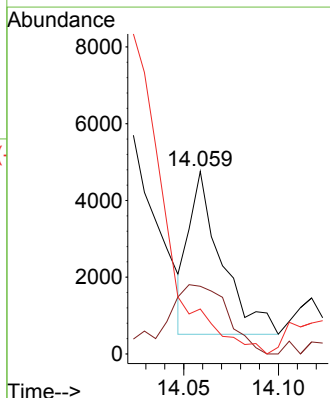
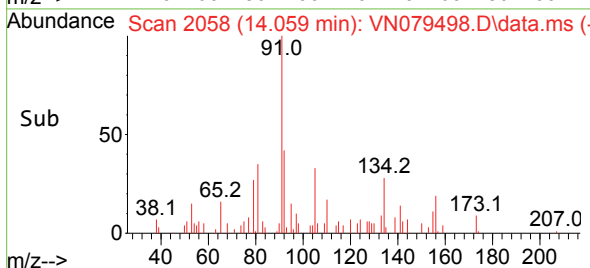
Tgt Ion:146 Resp: 2367
Ion Ratio Lower Upper
146 100
111 187.1 20.6 61.8#
148 112.8 31.6 94.8#

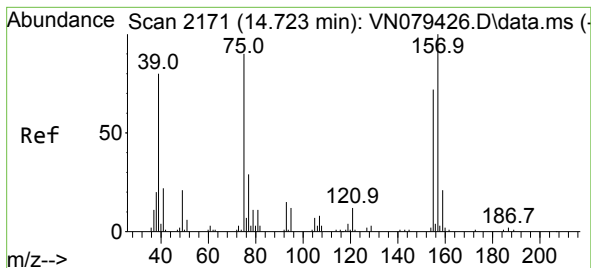


#89
n-Butylbenzene
Concen: 0.346 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079498.D
Acq: 10 Oct 2023 17:13



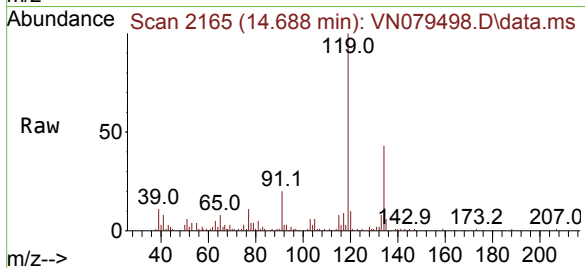
Tgt Ion: 91 Resp: 5070
Ion Ratio Lower Upper
91 100
92 71.8 26.4 79.0
134 0.0 12.6 37.6#



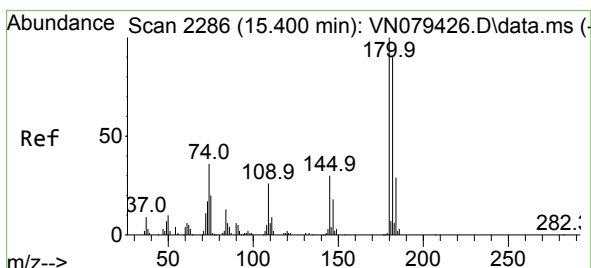
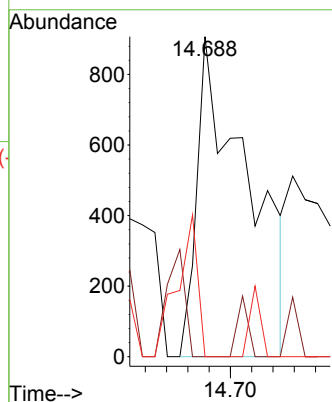
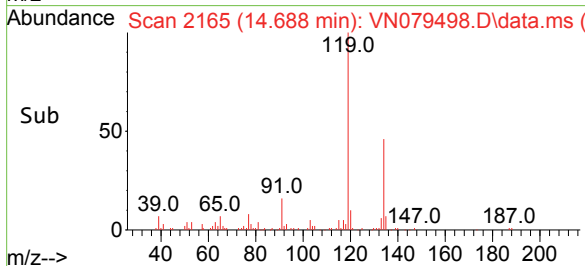


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.971 ug/l
 RT: 14.688 min Scan# 2165
 Delta R.T. -0.035 min
 Lab File: VN079498.D
 Acq: 10 Oct 2023 17:13

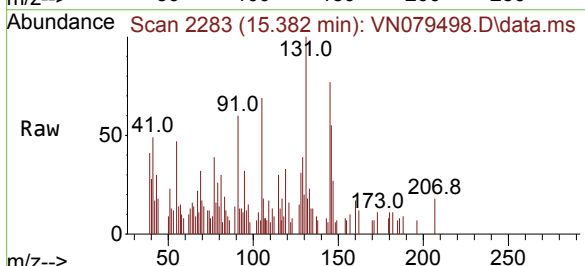
Instrument :
 MSVOA_N
 ClientSampleId :



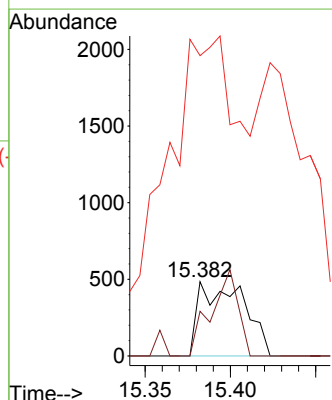
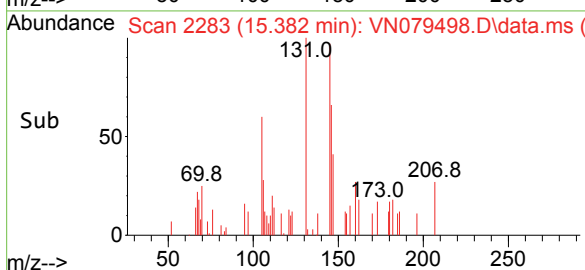
Tgt Ion: 75 Resp: 1491
 Ion Ratio Lower Upper
 75 100
 155 12.1 39.1 117.2#
 157 18.2 50.3 150.9#

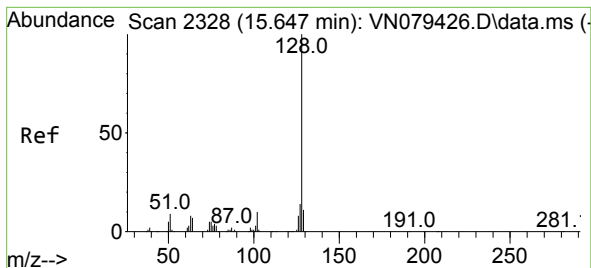


#93
 1,2,4-Trichlorobenzene
 Concen: 0.287 ug/l
 RT: 15.382 min Scan# 2283
 Delta R.T. -0.018 min
 Lab File: VN079498.D
 Acq: 10 Oct 2023 17:13



Tgt Ion: 180 Resp: 895
 Ion Ratio Lower Upper
 180 100
 182 69.1 46.1 138.2
 145 586.6 16.6 49.8#





#95

Naphthalene

Concen: 867.567 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

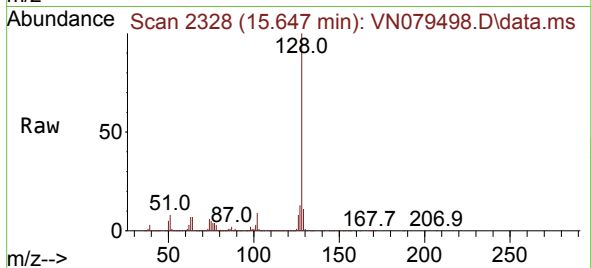
Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :



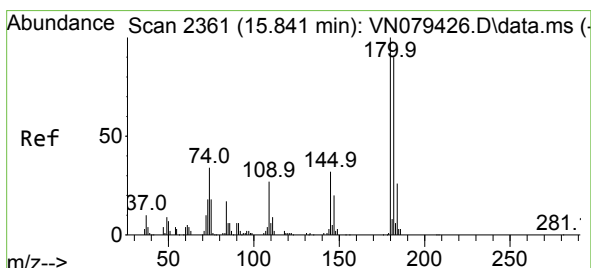
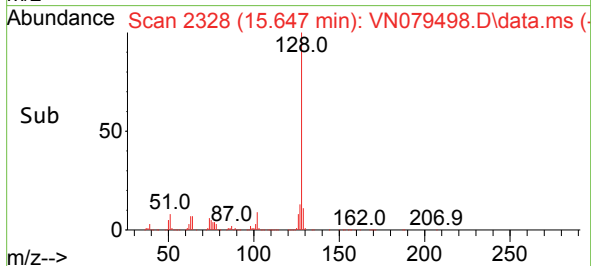
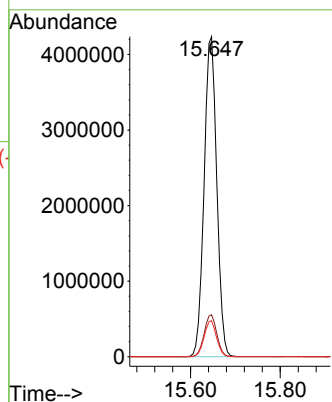
Tgt Ion:128 Resp: 8267276

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.201 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079498.D

Acq: 10 Oct 2023 17:13

Tgt Ion:180 Resp: 749

Ion Ratio Lower Upper

180 100

182 143.0 46.2 138.6#

145 0.0 17.5 52.6#

