

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079492.D
 Acq On : 10 Oct 2023 14:49
 Operator : JC\MD
 Sample : 04813-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:18:59 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	266223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	535766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222366	51.514	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.020%
35) Dibromofluoromethane	8.171	113	189701	49.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	10.571	98	650741	46.608	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.853	95	248645	55.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1218	0.256	ug/l	96
5) Bromomethane	2.948	94	883	0.298	ug/l #	72
6) Chloroethane	3.154	64	893	0.239	ug/l #	43
11) Tert butyl alcohol	5.536	59	2036	3.134	ug/l #	72
13) Acrolein	4.183	56	206	0.318	ug/l	94
16) Acetone	4.436	43	49278	28.782	ug/l #	84
18) Methyl Acetate	5.036	43	4232	0.505	ug/l #	60
20) Methylene Chloride	5.283	84	20839	5.017	ug/l #	83
25) 2-Butanone	7.494	43	7447	2.931	ug/l #	67
29) Tetrahydrofuran	7.853	42	329	0.200	ug/l #	20
31) Cyclohexane	8.224	56	8268	1.350	ug/l #	43
36) 1,1-Dichloropropene	8.230	75	24768	4.277	ug/l #	46
37) Ethyl Acetate	7.571	43	5876	1.020	ug/l #	69
38) Carbon Tetrachloride	8.224	117	29339	5.060	ug/l #	16
40) Benzene	8.612	78	495595	28.815	ug/l	99
42) 1,2-Dichloroethane	8.677	62	1779	0.285	ug/l #	73
43) Isopropyl Acetate	8.694	43	278707	27.606	ug/l #	72
45) 1,2-Dichloropropane	9.741	63	2300	0.508	ug/l #	45
48) Methyl methacrylate	9.677	41	6262	1.447	ug/l #	31
49) 1,4-Dioxane	9.741	88	224	2.811	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	20103	3.527	ug/l #	65
52) Toluene	10.635	92	394275	38.944	ug/l	99
53) t-1,3-Dichloropropene	10.730	75	1267	0.208	ug/l #	67
54) cis-1,3-Dichloropropene	10.365	75	66290	9.953	ug/l #	74
55) 1,1,2-Trichloroethane	10.894	97	2028	0.499	ug/l #	16
57) 1,3-Dichloropropane	11.206	76	8569	1.221	ug/l #	42
59) 2-Hexanone	11.206	43	108260	26.324	ug/l #	49
67) Ethyl Benzene	11.965	91	61858	2.983	ug/l #	87
68) m/p-Xylenes	12.071	106	113028	15.000	ug/l	93
69) o-Xylene	12.406	106	76542	10.329	ug/l	92
70) Styrene	12.418	104	41209	3.521	ug/l #	74
71) Bromoform	12.847	173	1050	0.328	ug/l #	1
74) N-amyl acetate	12.494	43	1970	0.238	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.853	83	272	Below Cal	#	12
76) 1,2,3-Trichloropropane	12.853	75	137877	22.018	ug/l #	1
78) n-propylbenzene	13.041	91	5696	0.249	ug/l	90

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

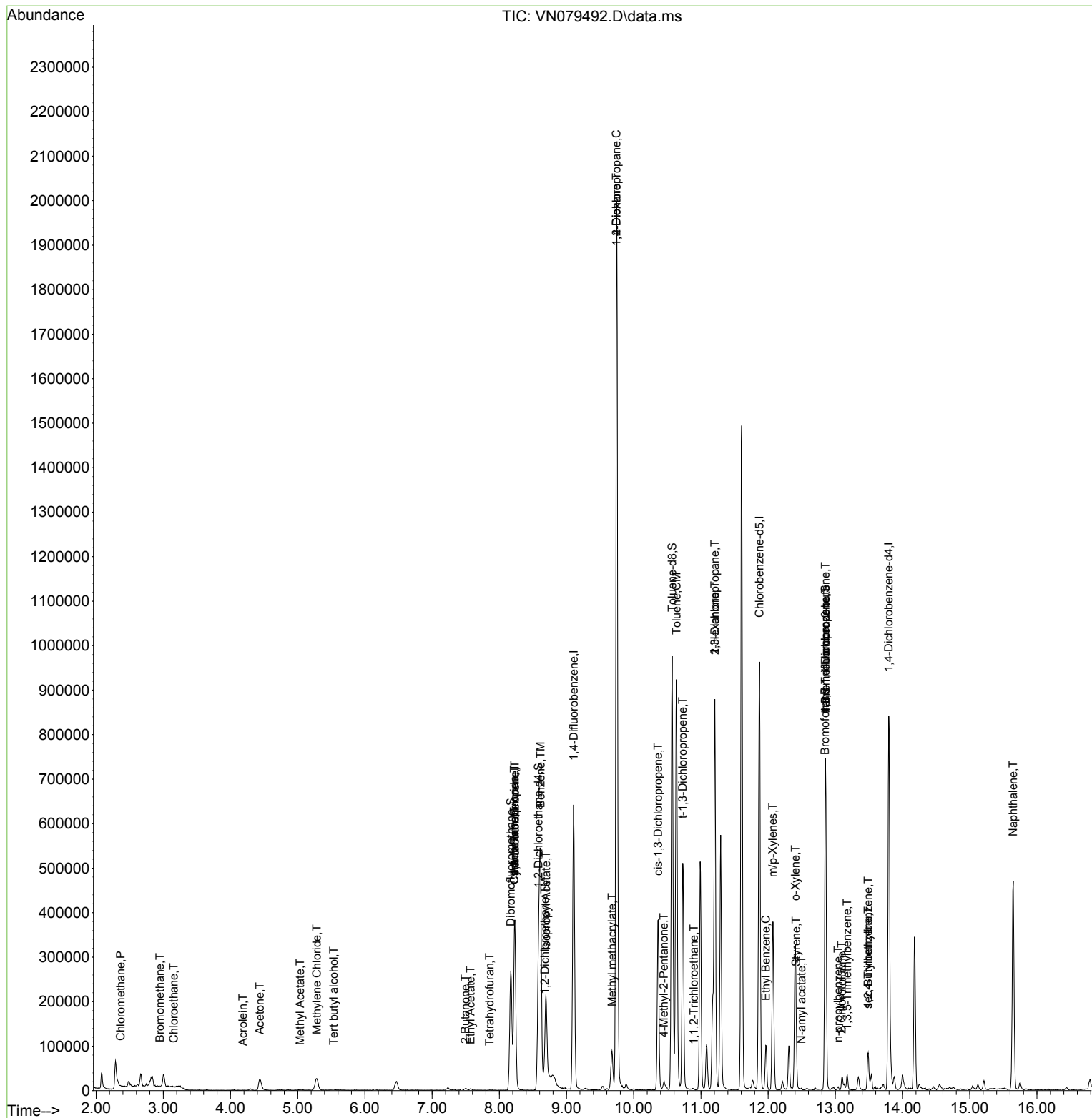
79) 2-Chlorotoluene	13.094	91	3254	0.222	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	16211	1.017	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	137877	63.887	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.488	105	48680	3.202	ug/l	94
85) sec-Butylbenzene	13.488	105	48680	2.674	ug/l #	57
90) Hexachloroethane	14.394	117	782	Below Cal	#	21
95) Naphthalene	15.647	128	411826	56.812	ug/l	100

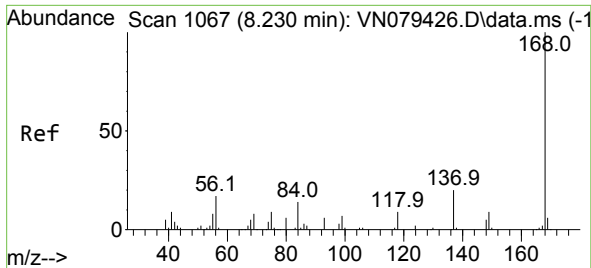
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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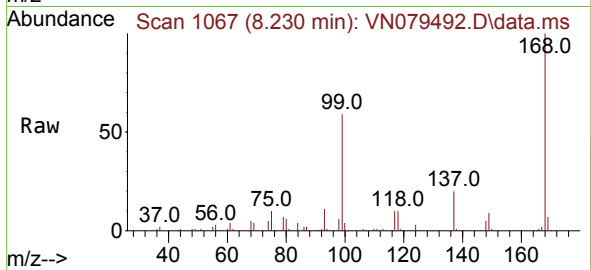
Quant Time: Oct 11 06:18:59 2023
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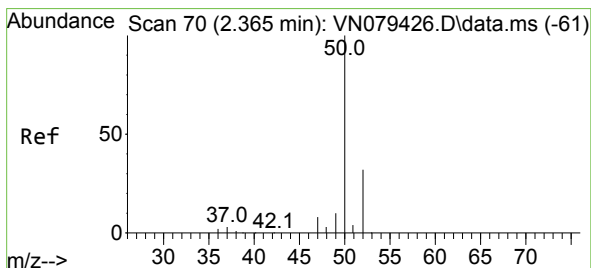
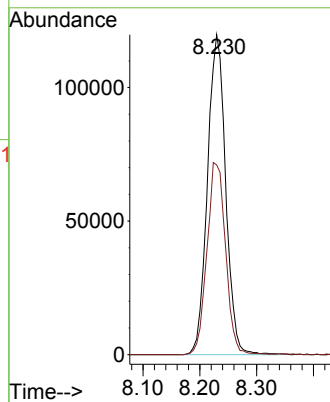
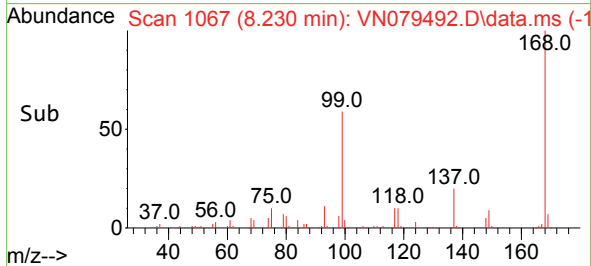


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079492.D
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Instrument :
MSVOA_N
ClientSampleId :

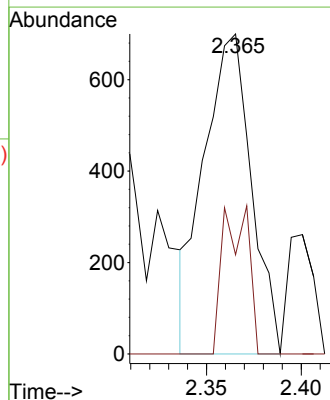
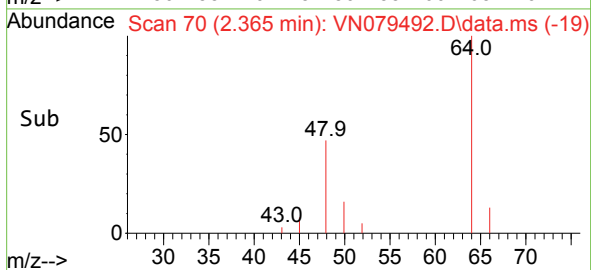
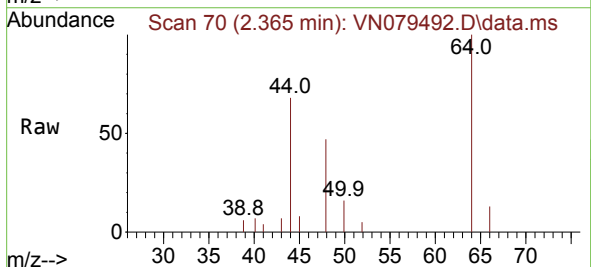


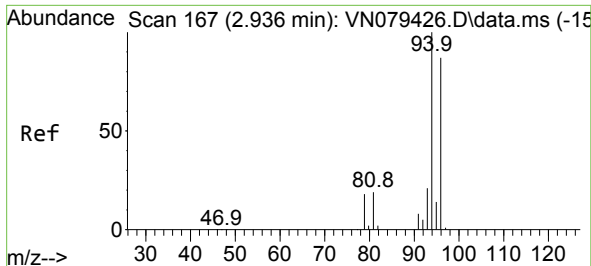
Tgt Ion:168 Resp: 266223
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#3
Chloromethane
Concen: 0.256 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 50 Resp: 1218
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

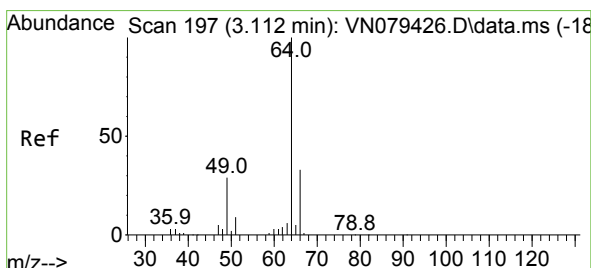
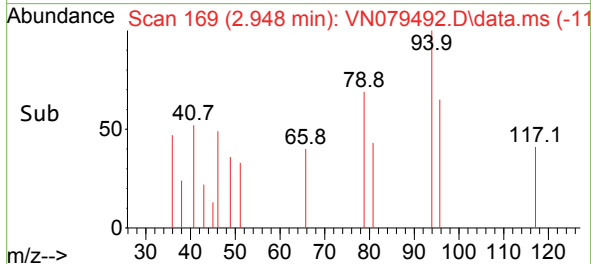
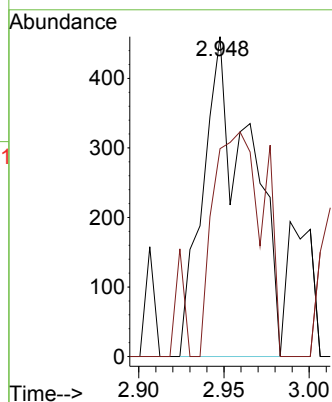
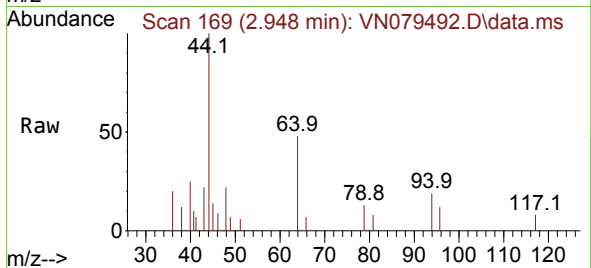




#5
Bromomethane
Concen: 0.298 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

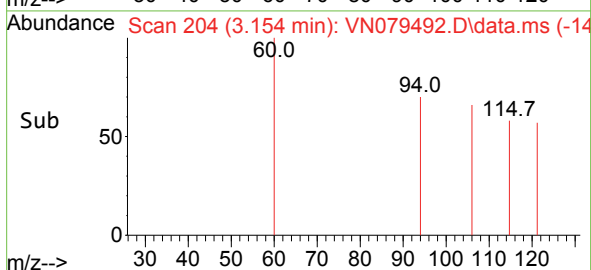
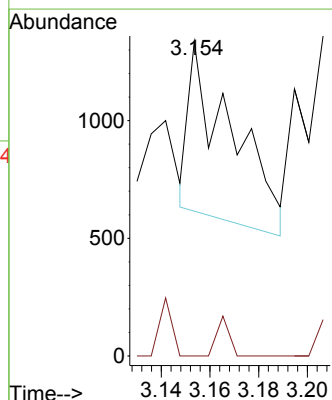
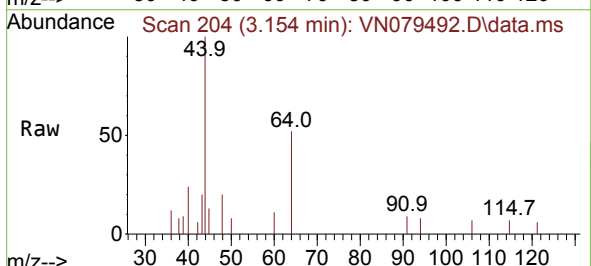
Instrument :
MSVOA_N
ClientSampleId :

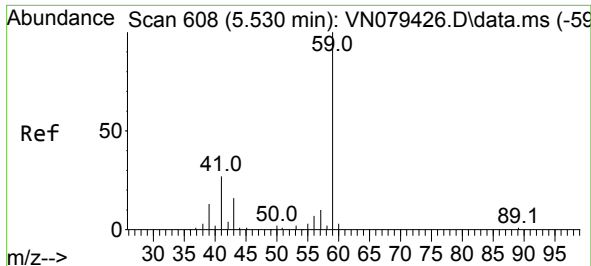
Tgt Ion: 94 Resp: 883
Ion Ratio Lower Upper
94 100
96 65.0 73.1 109.7#



#6
Chloroethane
Concen: 0.239 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.041 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

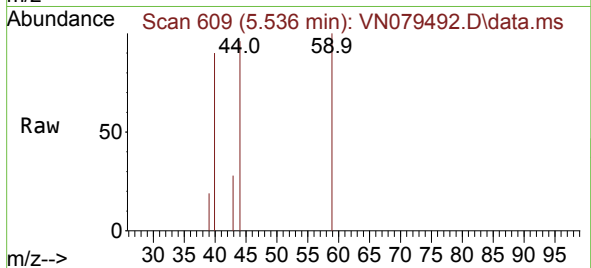
Tgt Ion: 64 Resp: 893
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



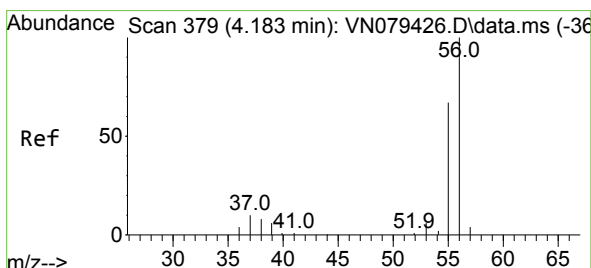
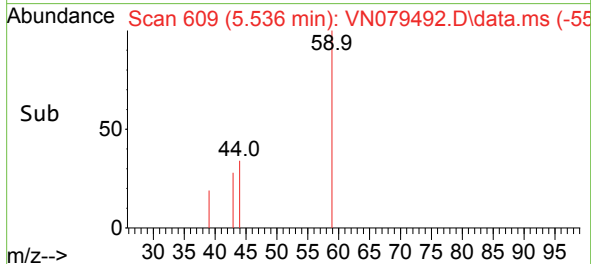
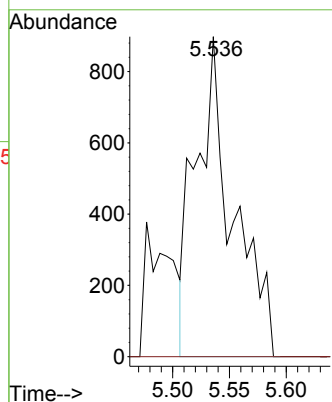


#11
Tert butyl alcohol
Concen: 3.134 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :

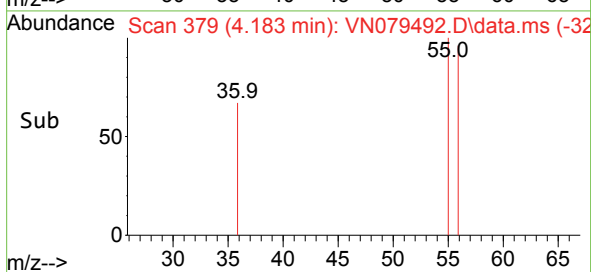
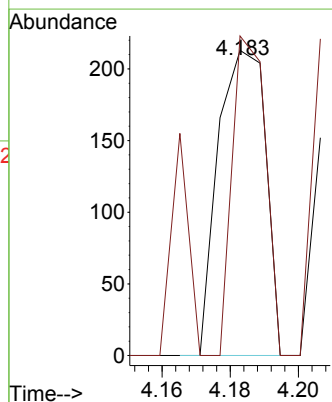
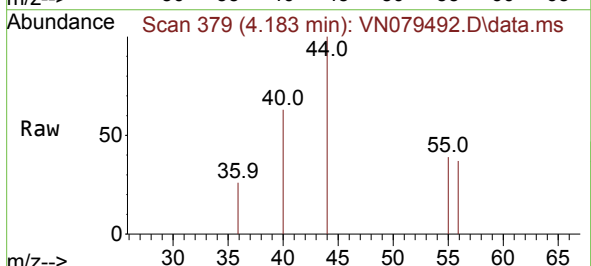


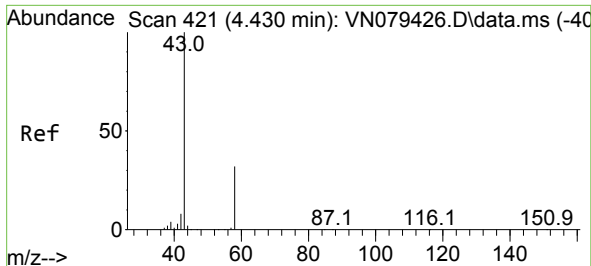
Tgt Ion: 59 Resp: 2036
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.318 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 56 Resp: 206
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7

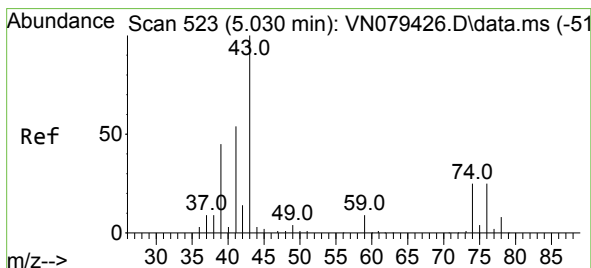
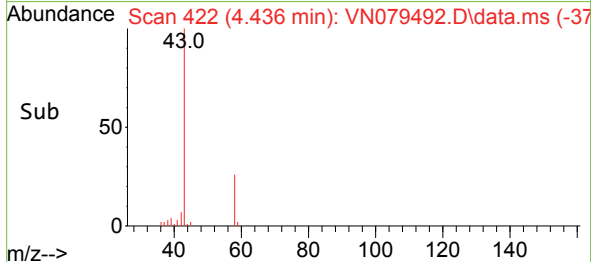
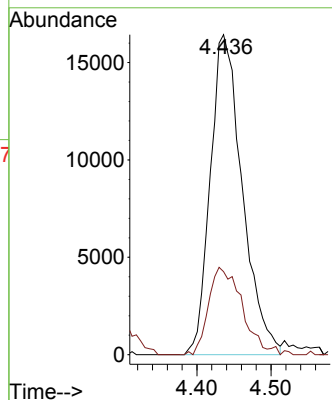
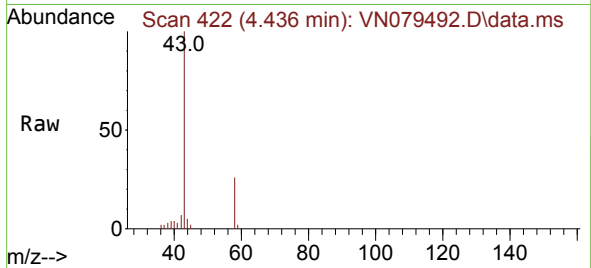




#16
Acetone
Concen: 28.782 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

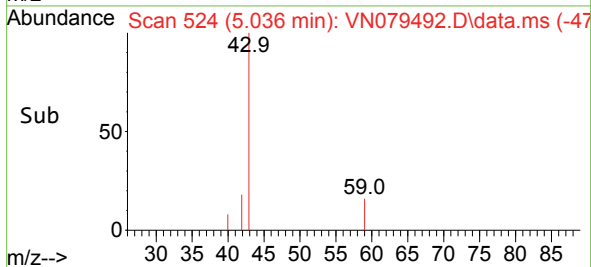
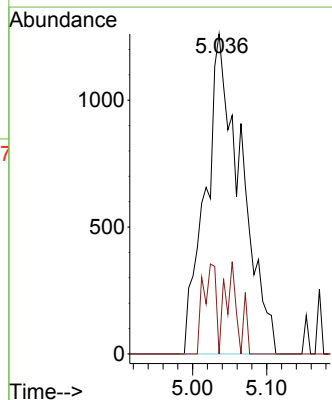
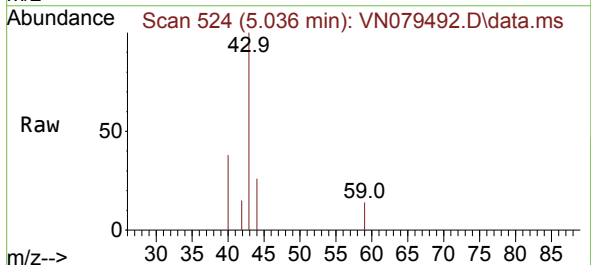
Instrument :
MSVOA_N
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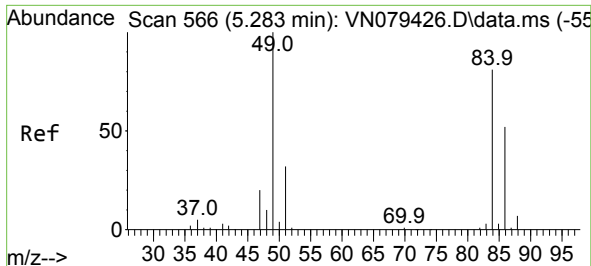
Tgt Ion: 43 Resp: 49278
Ion Ratio Lower Upper
43 100
58 26.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.505 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

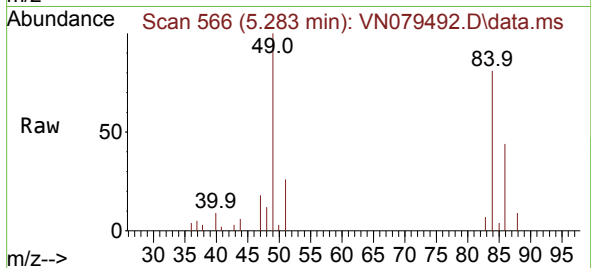
Tgt Ion: 43 Resp: 4232
Ion Ratio Lower Upper
43 100
74 10.0 26.2 39.4#



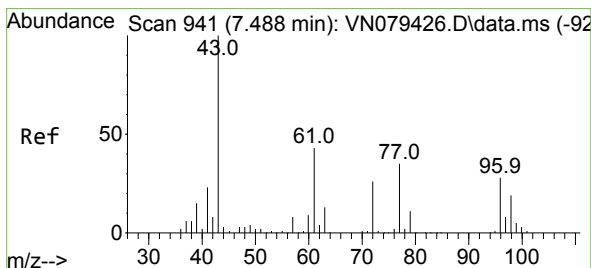
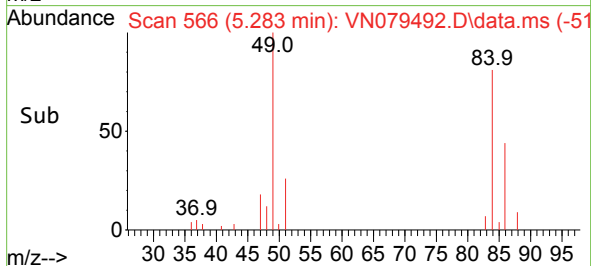
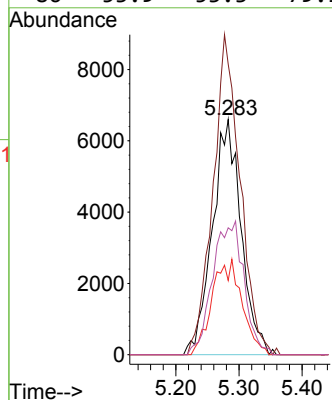


#20
Methylene Chloride
Concen: 5.017 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Instrument :
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ClientSampleId :

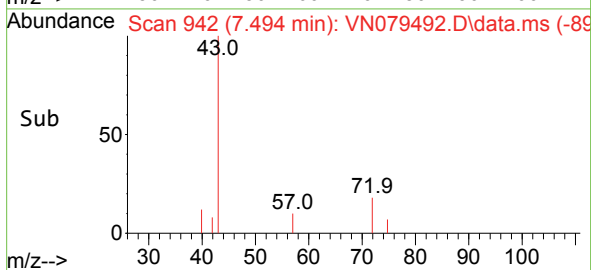
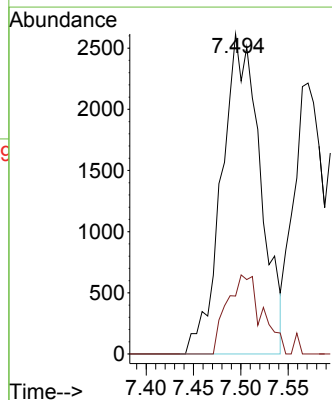
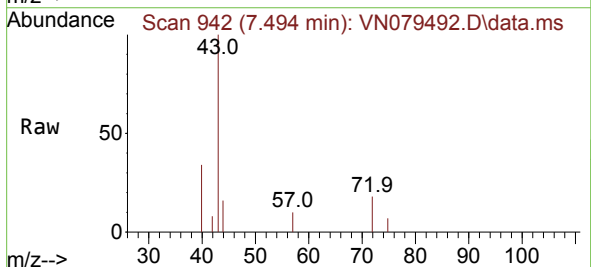


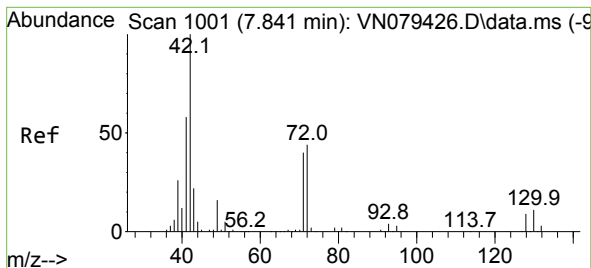
Tgt Ion:	84	Resp:	20839
Ion	Ratio	Lower	Upper
84	100		
49	123.5	79.7	119.5#
51	31.6	25.2	37.8
86	53.9	53.3	79.9



#25
2-Butanone
Concen: 2.931 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion:	43	Resp:	7447
Ion	Ratio	Lower	Upper
43	100		
72	18.1	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.200 ug/l

RT: 7.853 min Scan# 1066

Delta R.T. 0.012 min

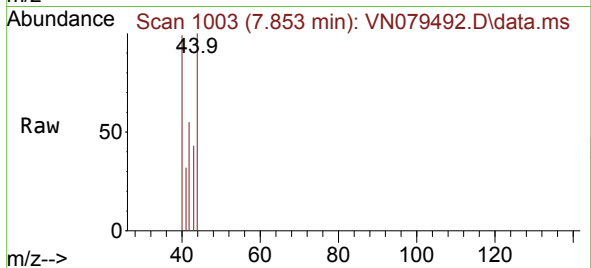
Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :



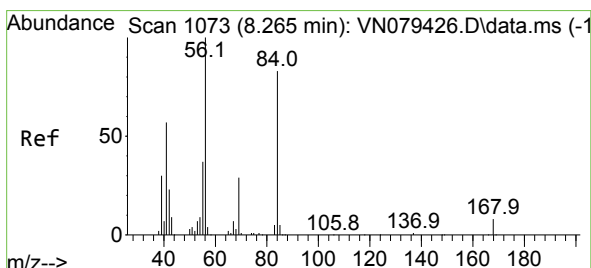
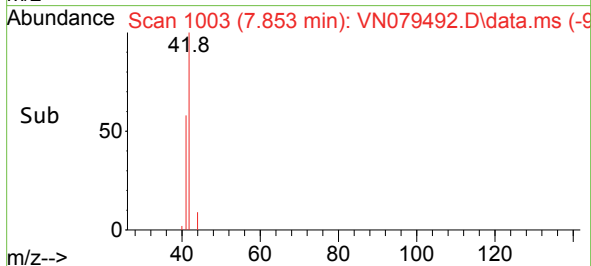
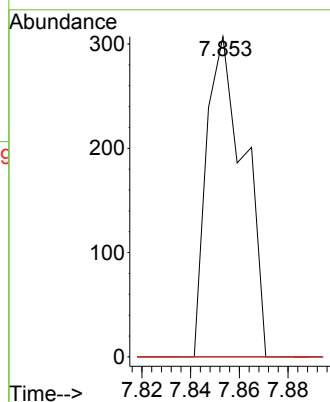
Tgt Ion: 42 Resp: 329

Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 0.0 47.4 71.2#



#31

Cyclohexane

Concen: 1.350 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

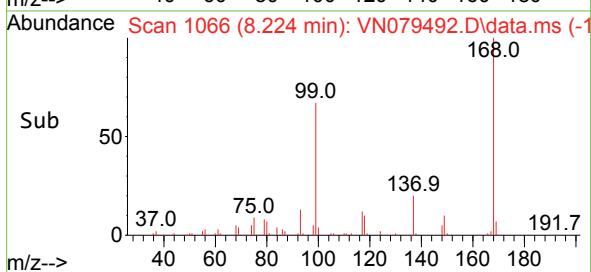
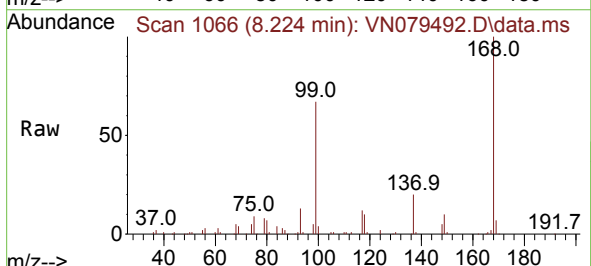
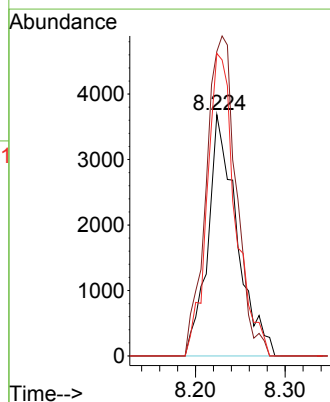
Tgt Ion: 56 Resp: 8268

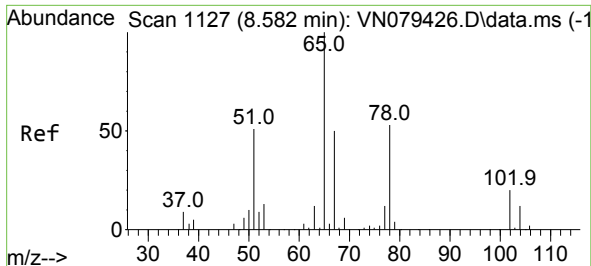
Ion Ratio Lower Upper

56 100

69 126.2 26.8 40.2#

84 125.4 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 51.514 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

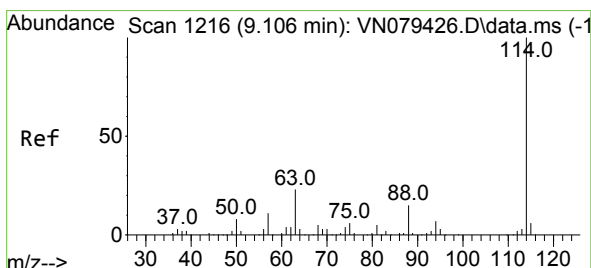
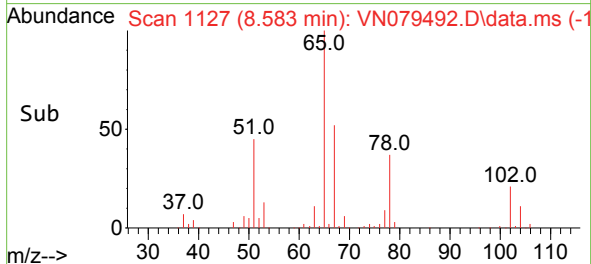
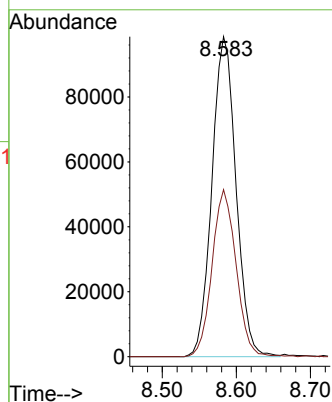
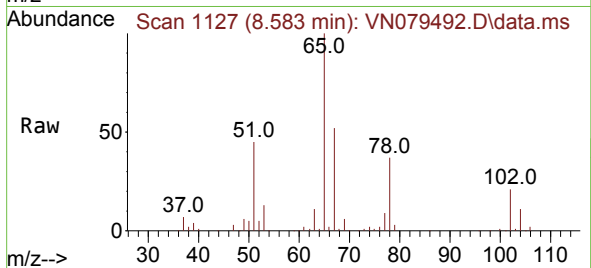
ClientSampleId :

Tgt Ion: 65 Resp: 222366

Ion Ratio Lower Upper

65 100

67 52.1 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: VN079492.D

Acq: 10 Oct 2023 14:49

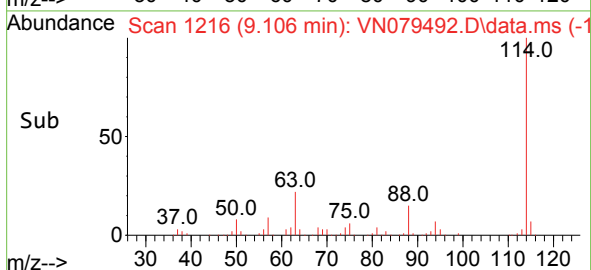
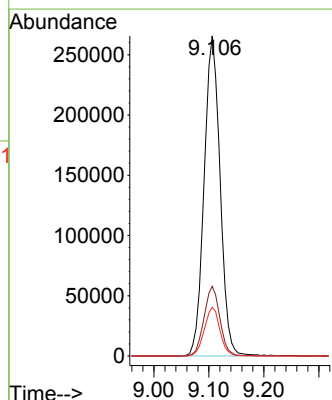
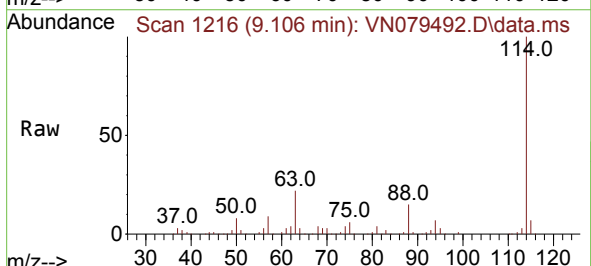
Tgt Ion: 114 Resp: 536949

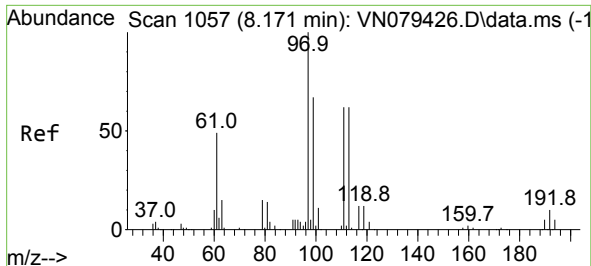
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.162 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

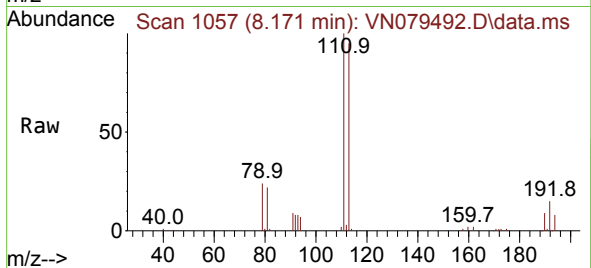
Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :



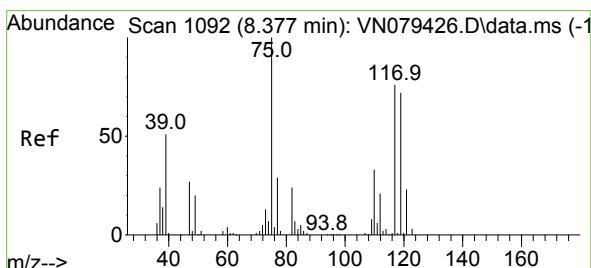
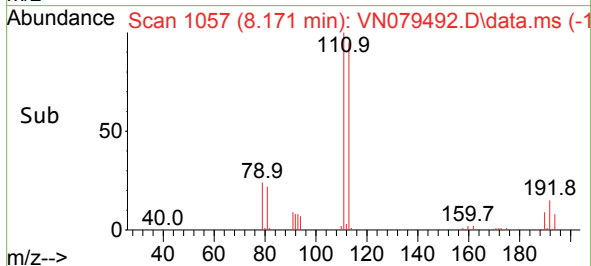
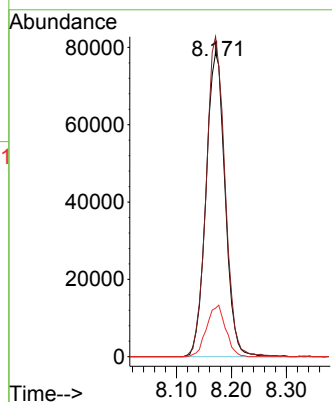
Tgt Ion:113 Resp: 189701

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.277 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

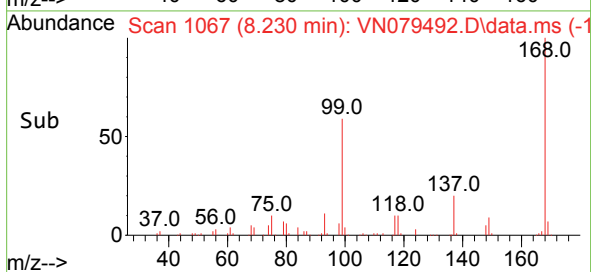
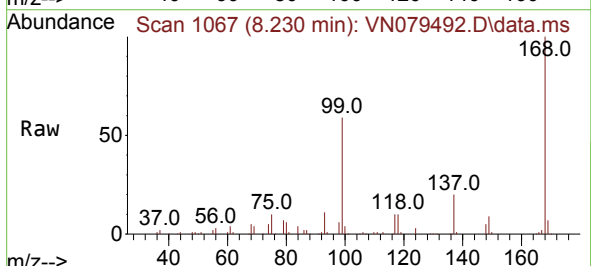
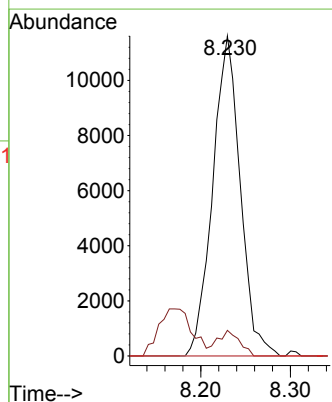
Tgt Ion: 75 Resp: 24768

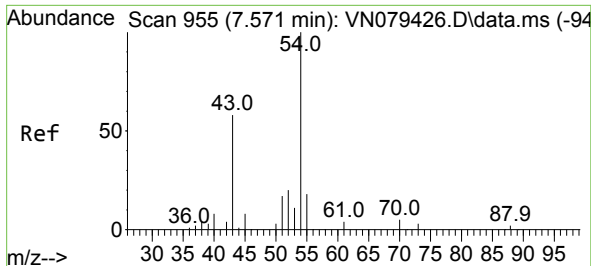
Ion Ratio Lower Upper

75 100

110 6.4 19.1 57.3#

77 0.0 25.0 37.4#

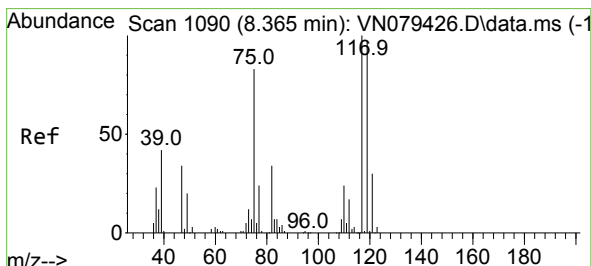
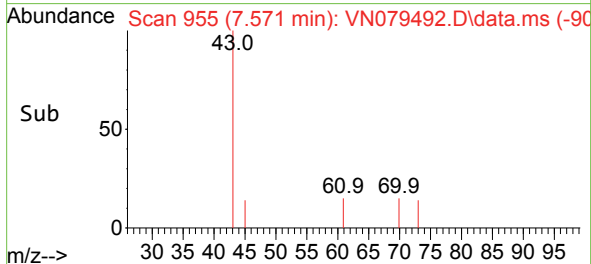
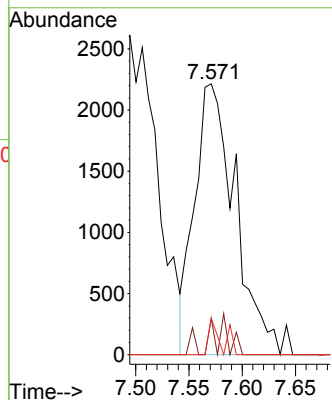
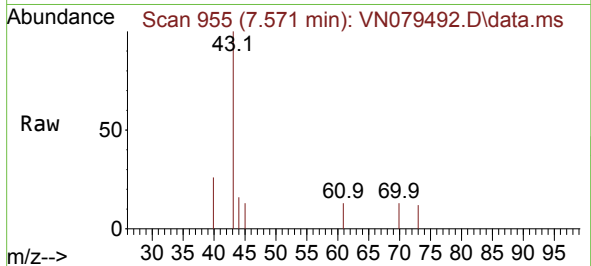




#37
Ethyl Acetate
Concen: 1.020 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

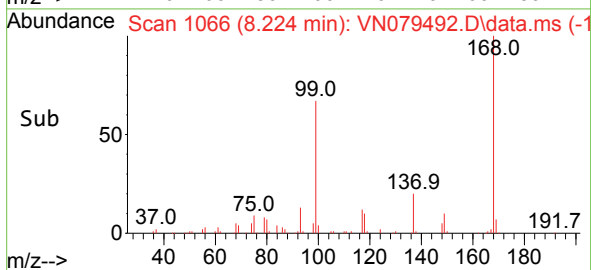
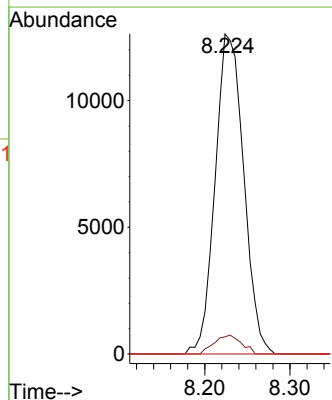
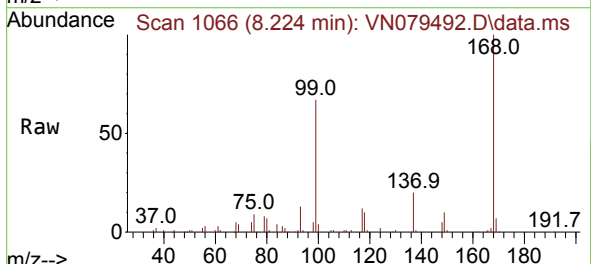
Instrument :
MSVOA_N
ClientSampleId :

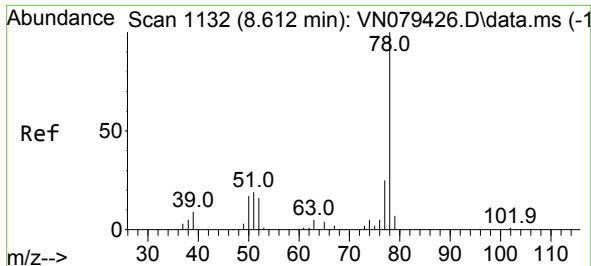
Tgt Ion: 43 Resp: 5876
Ion Ratio Lower Upper
43 100
61 1.8 13.2 19.8#
70 2.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 5.060 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 117 Resp: 29339
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 23.3 34.9#

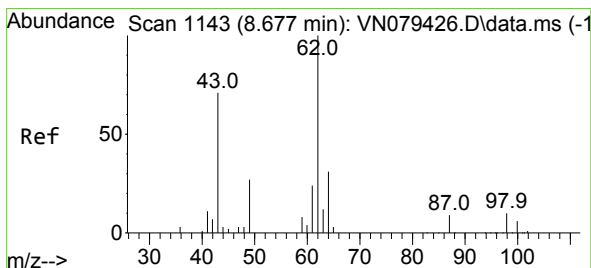
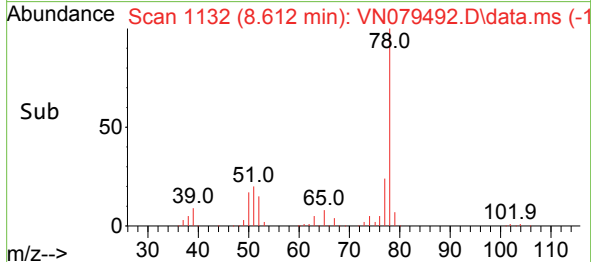
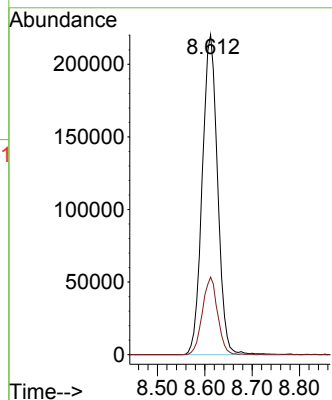
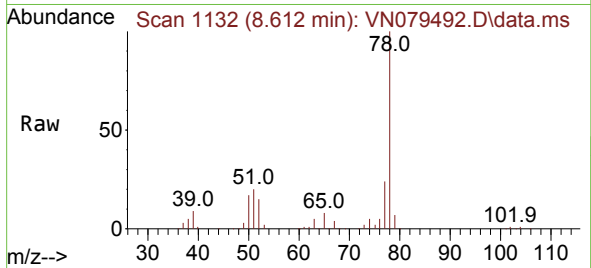




#40
Benzene
Concen: 28.815 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

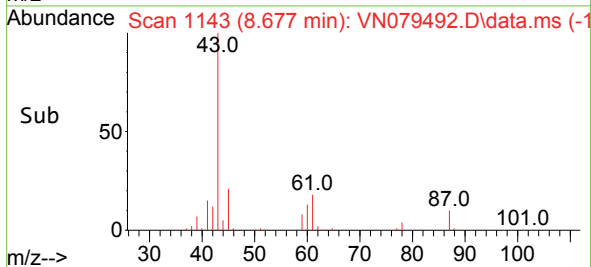
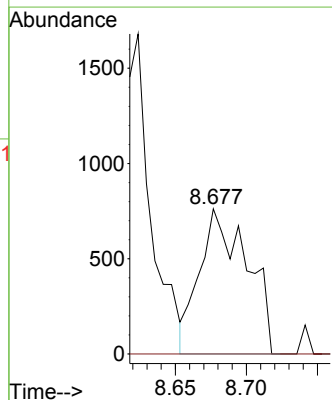
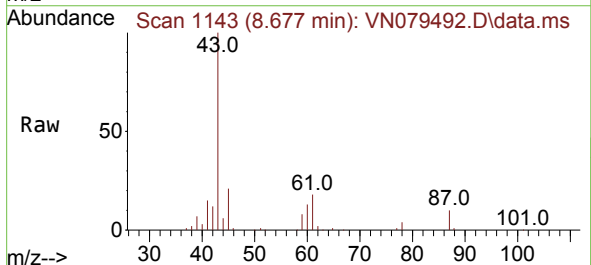
Instrument :
MSVOA_N
ClientSampleId :

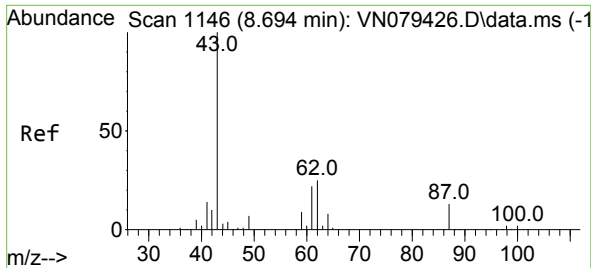
Tgt Ion: 78 Resp: 495595
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.285 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 62 Resp: 1779
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

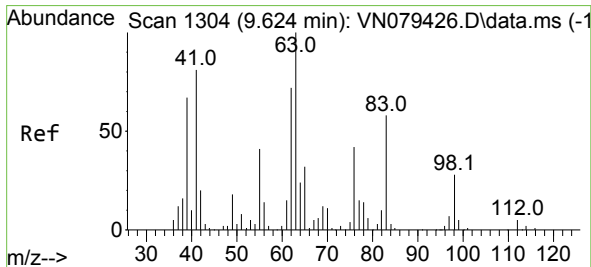
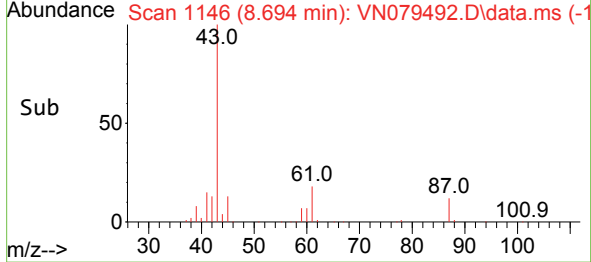
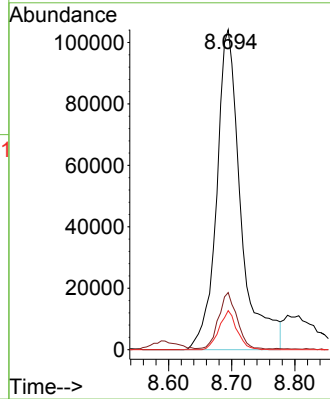
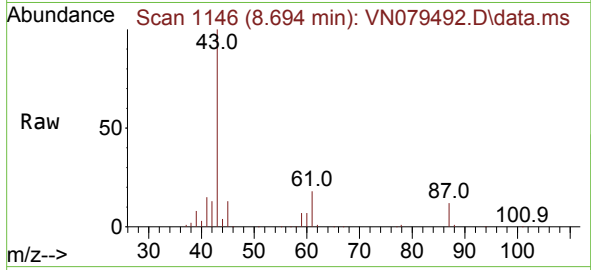




#43
Isopropyl Acetate
Concen: 27.606 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

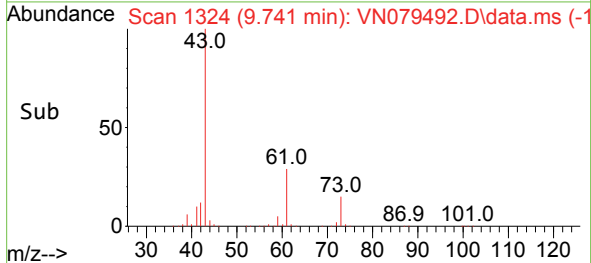
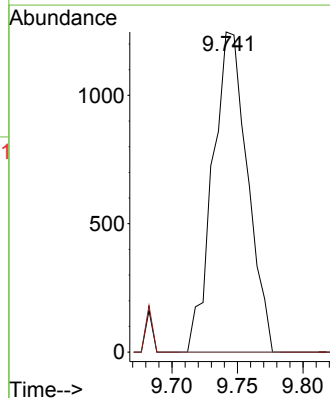
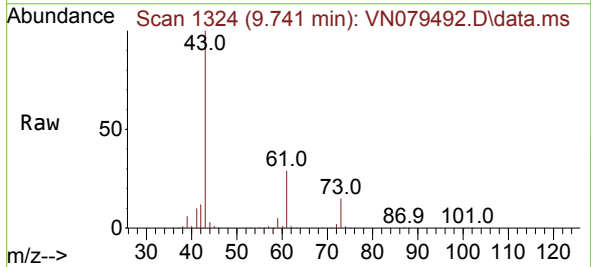
Instrument :
MSVOA_N
ClientSampleId :

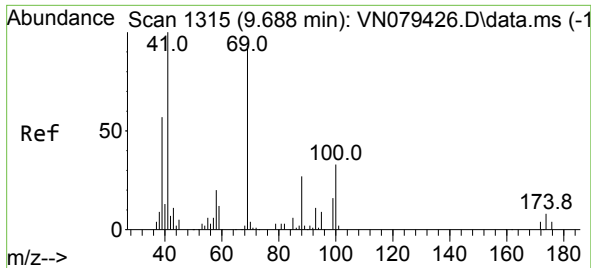
Tgt Ion: 43 Resp: 278707
Ion Ratio Lower Upper
43 100
61 13.5 24.7 37.1#
87 8.9 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.508 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

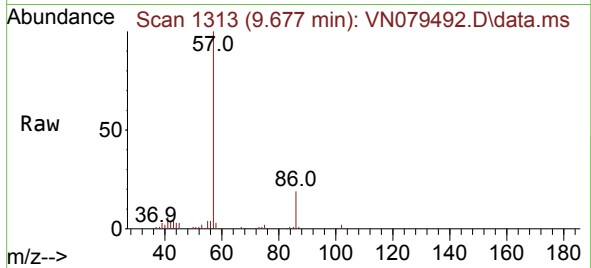
Tgt Ion: 63 Resp: 2300
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



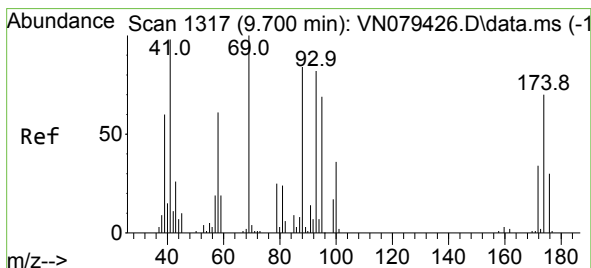
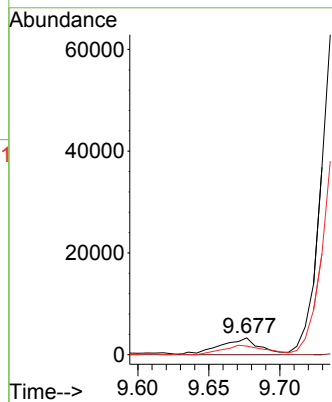
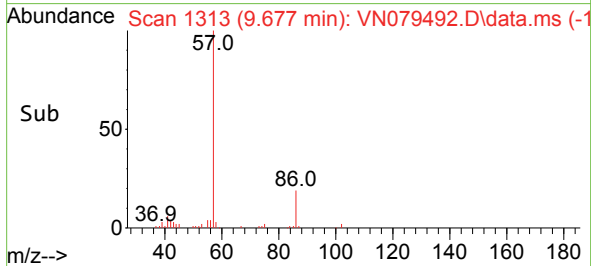


#48
Methyl methacrylate
Concen: 1.447 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

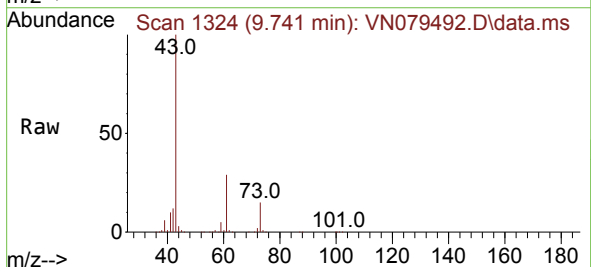
Instrument :
MSVOA_N
ClientSampleId :



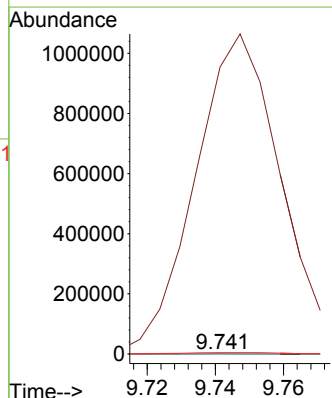
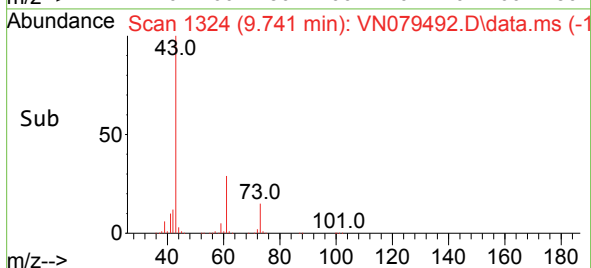
Tgt Ion: 41 Resp: 6262
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 61.8 54.6 81.8

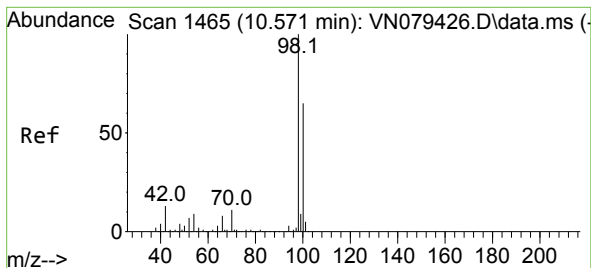


#49
1,4-Dioxane
Concen: 2.811 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.041 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49



Tgt Ion: 88 Resp: 224
Ion Ratio Lower Upper
88 100
43 841554.9 17.0 25.6#
58 4056.3 47.0 70.4#





#50

Toluene-d8

Concen: 46.608 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

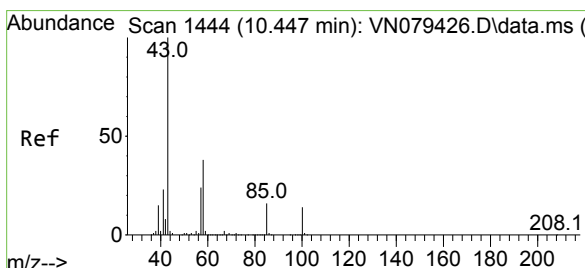
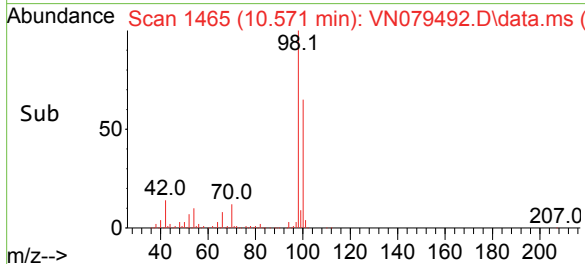
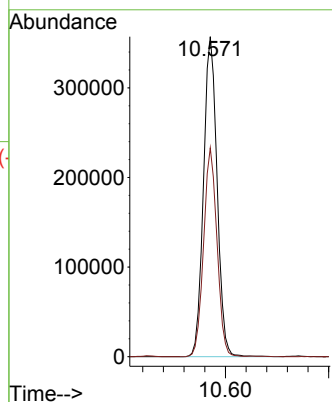
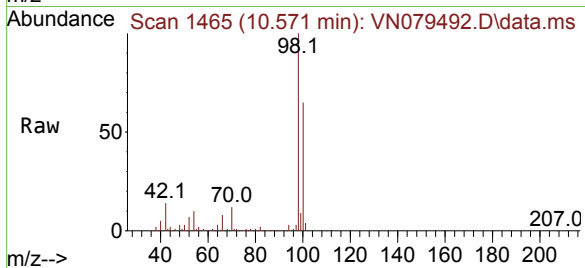
ClientSampleId :

Tgt Ion: 98 Resp: 650741

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 3.527 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079492.D

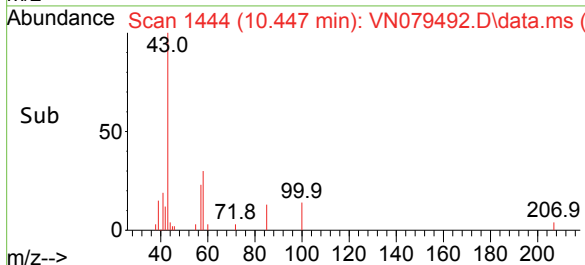
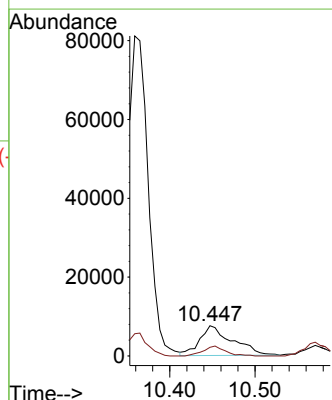
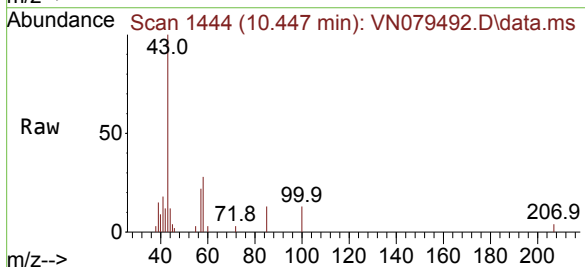
Acq: 10 Oct 2023 14:49

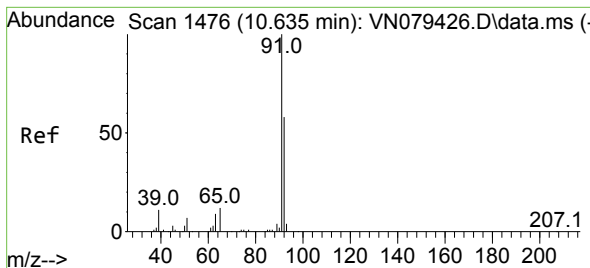
Tgt Ion: 43 Resp: 20103

Ion Ratio Lower Upper

43 100

58 22.7 36.6 54.8#





#52

Toluene

Concen: 38.944 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

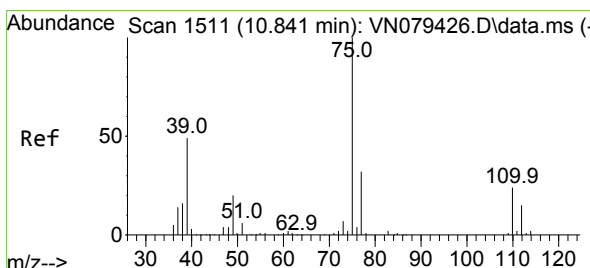
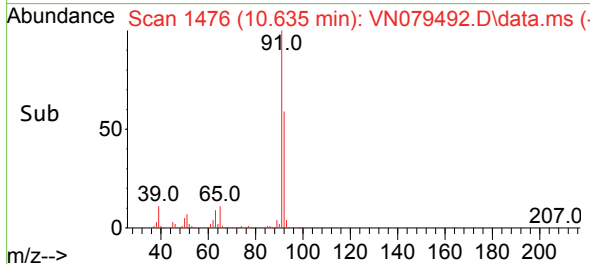
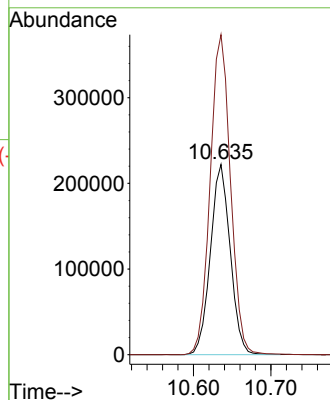
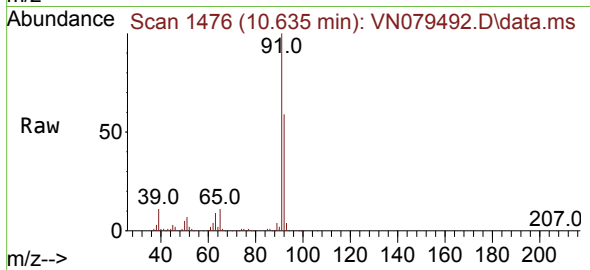
ClientSampleId :

Tgt Ion: 92 Resp: 394275

Ion Ratio Lower Upper

92 100

91 173.0 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.208 ug/l

RT: 10.730 min Scan# 1492

Delta R.T. -0.112 min

Lab File: VN079492.D

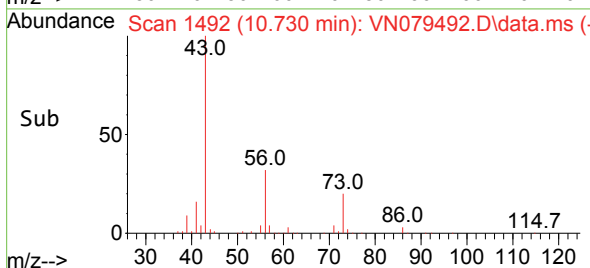
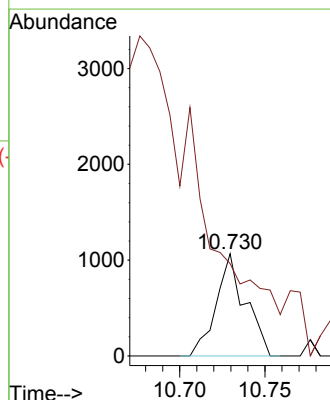
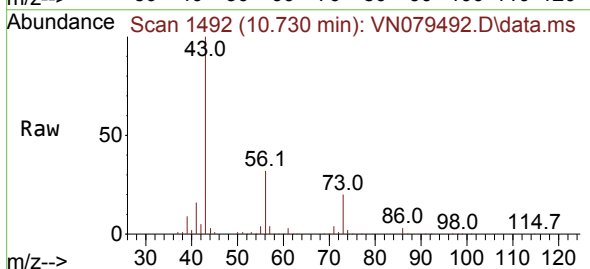
Acq: 10 Oct 2023 14:49

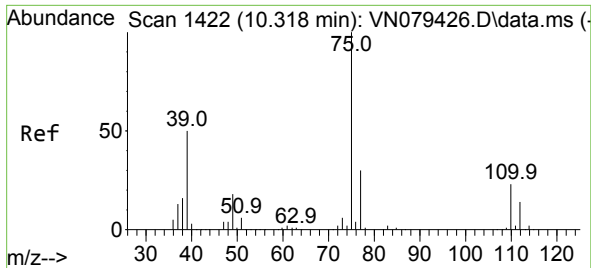
Tgt Ion: 75 Resp: 1267

Ion Ratio Lower Upper

75 100

77 49.8 25.4 38.0#

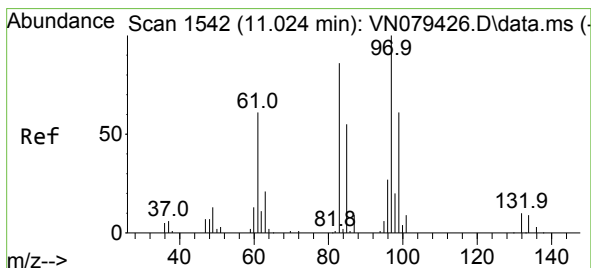
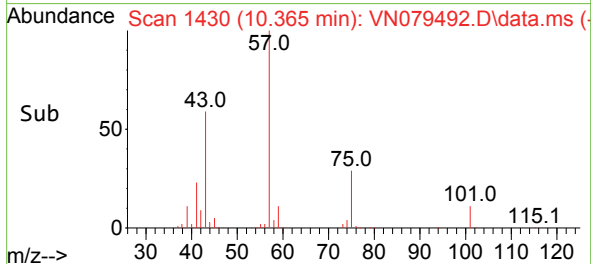
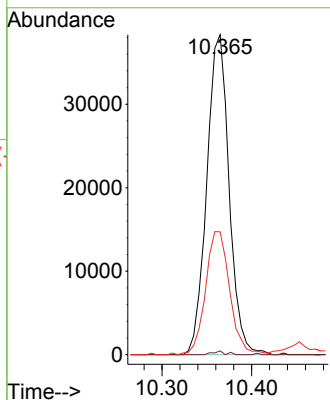
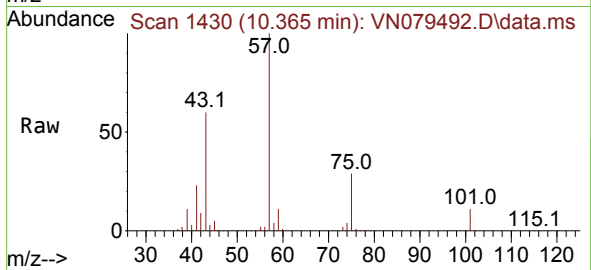




#54
 cis-1,3-Dichloropropene
 Concen: 9.953 ug/l
 RT: 10.365 min Scan# 1422
 Delta R.T. 0.047 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

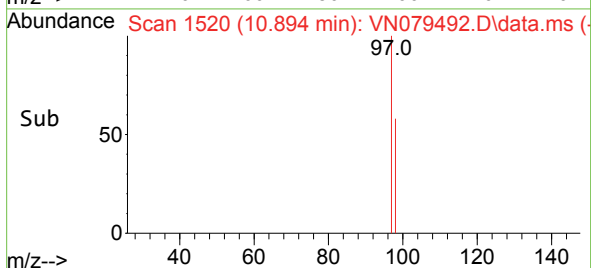
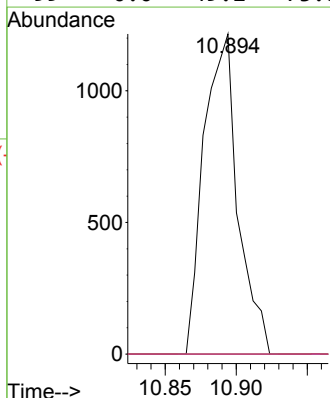
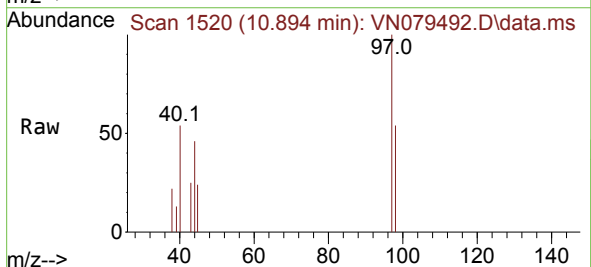
Instrument :
 MSVOA_N
 ClientSampleId :

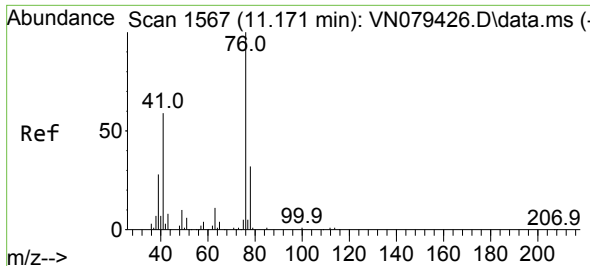
Tgt Ion: 75 Resp: 66290
 Ion Ratio Lower Upper
 75 100
 77 1.2 26.1 39.1#
 39 38.4 31.6 47.4



#55
 1,1,2-Trichloroethane
 Concen: 0.499 ug/l
 RT: 10.894 min Scan# 1520
 Delta R.T. -0.129 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

Tgt Ion: 97 Resp: 2028
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.1 97.7#
 85 0.0 43.4 65.2#
 99 0.0 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 1.221 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.035 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

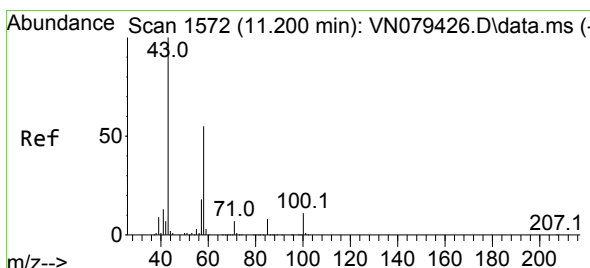
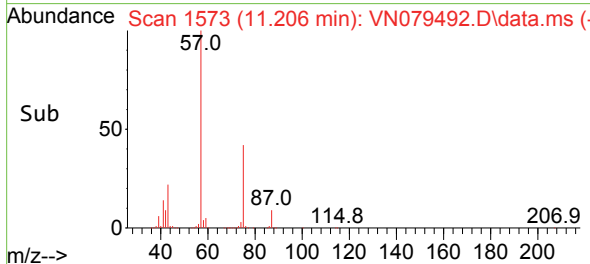
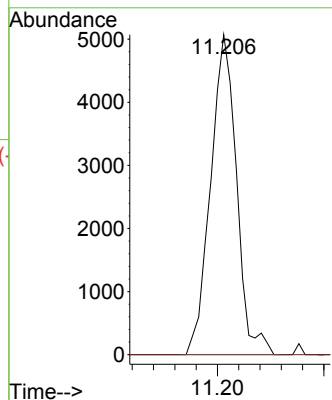
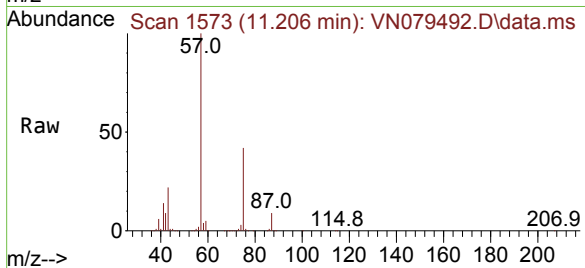
ClientSampleId :

Tgt Ion: 76 Resp: 8569

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 26.324 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.006 min

Lab File: VN079492.D

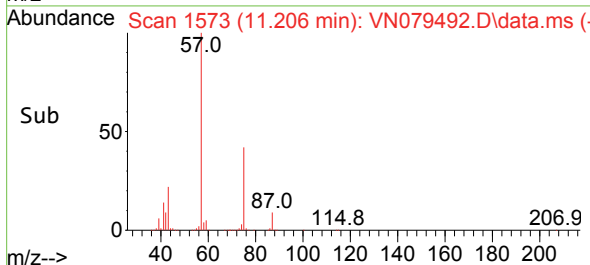
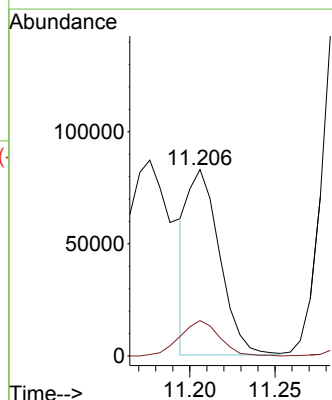
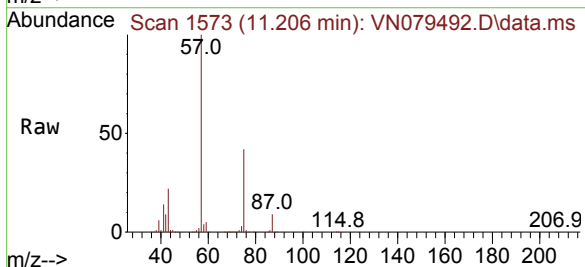
Acq: 10 Oct 2023 14:49

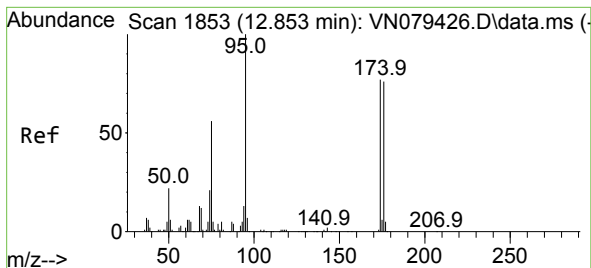
Tgt Ion: 43 Resp: 108260

Ion Ratio Lower Upper

43 100

58 23.5 31.7 95.1#

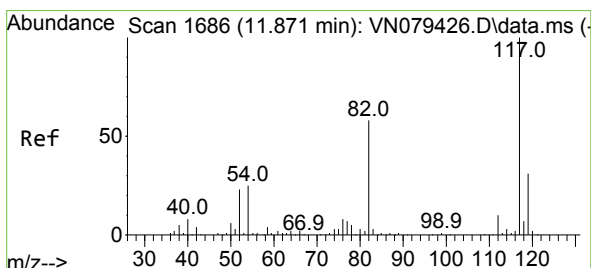
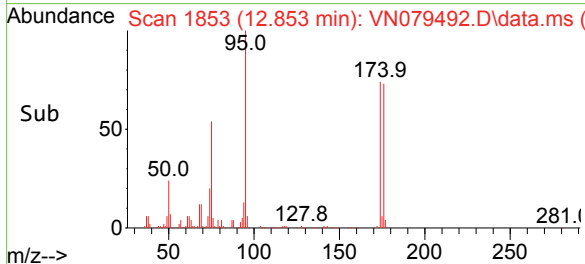
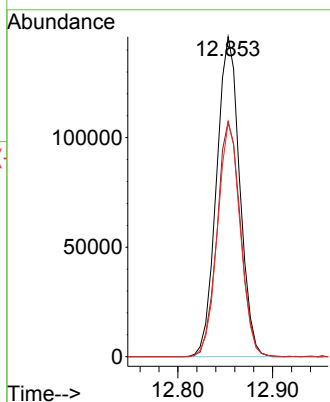
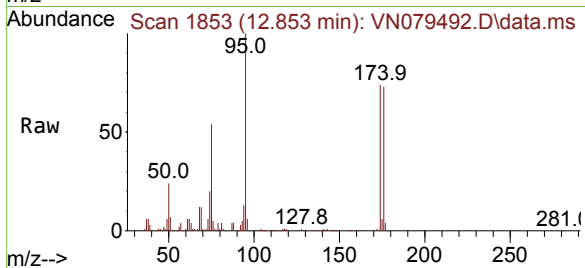




#62
4-Bromofluorobenzene
Concen: 55.493 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

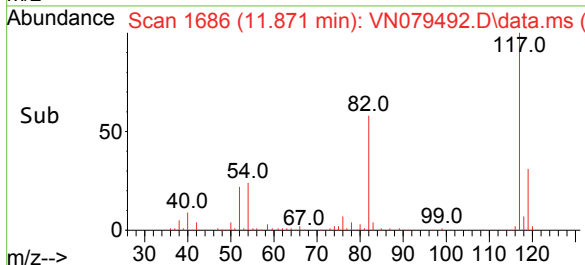
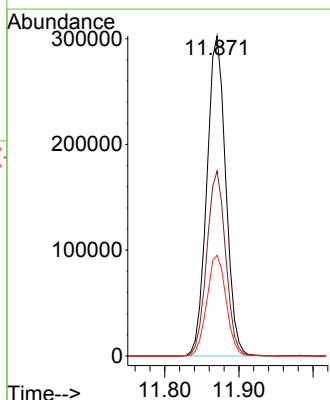
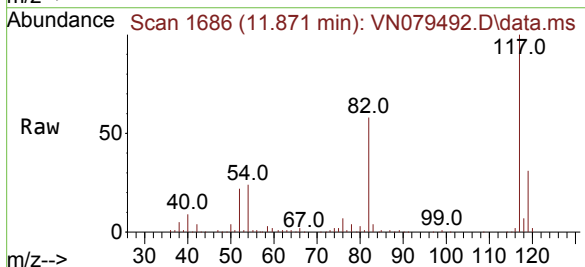
Instrument :
MSVOA_N
ClientSampleId :

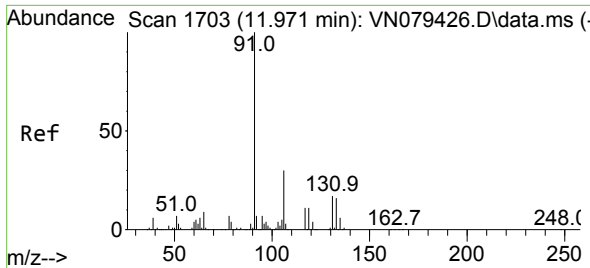
Tgt Ion: 95 Resp: 248645
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 117 Resp: 535766
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 31.5 25.6 38.4

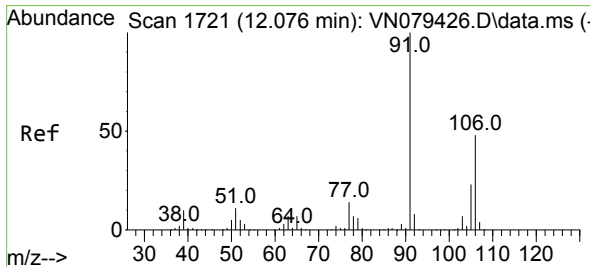
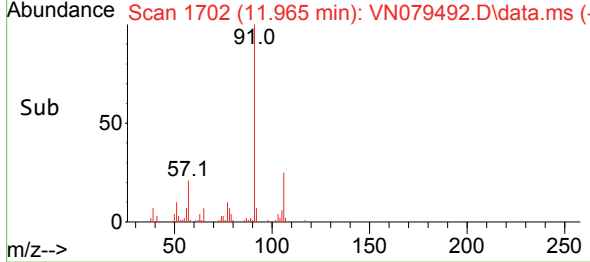
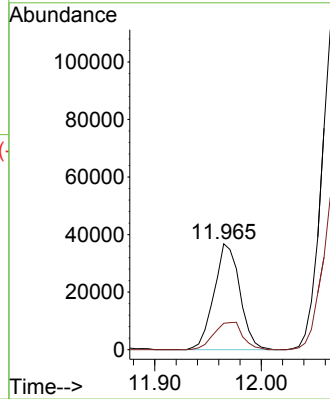
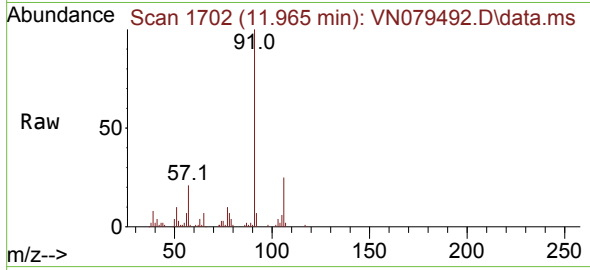




#67
Ethyl Benzene
Concen: 2.983 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

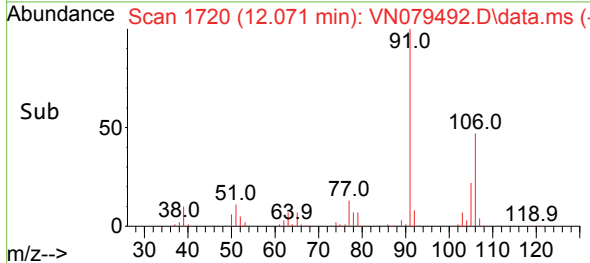
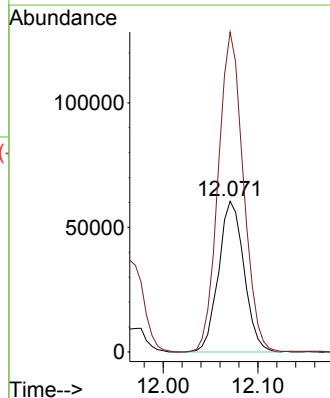
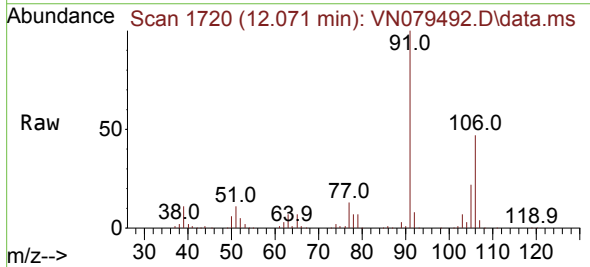
Instrument :
MSVOA_N
ClientSampleId :

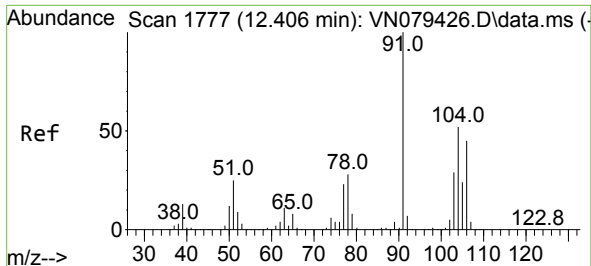
Tgt Ion: 91 Resp: 61858
Ion Ratio Lower Upper
91 100
106 24.9 25.6 38.4#



#68
m/p-Xylenes
Concen: 15.000 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion:106 Resp: 113028
Ion Ratio Lower Upper
106 100
91 209.9 159.6 239.4

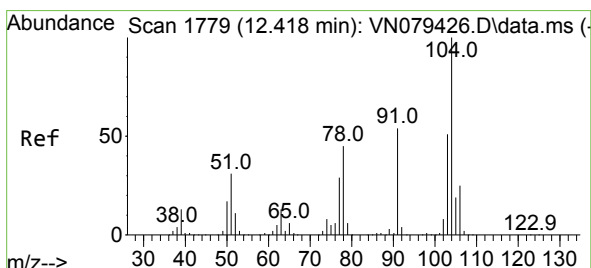
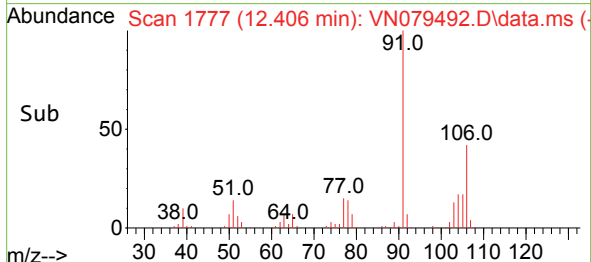
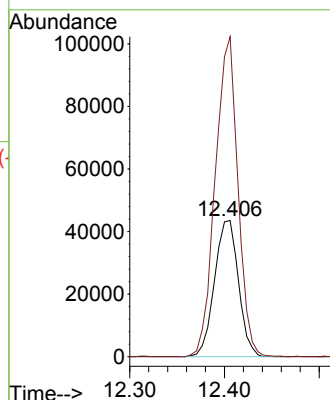
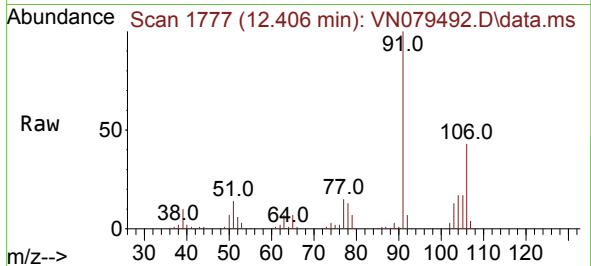




#69
o-Xylene
Concen: 10.329 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

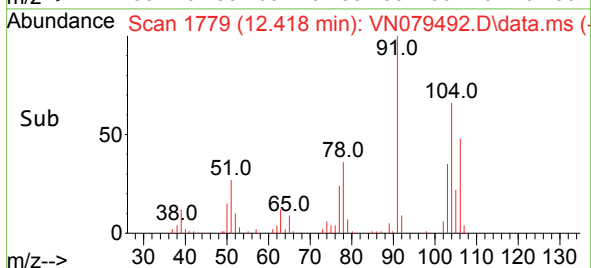
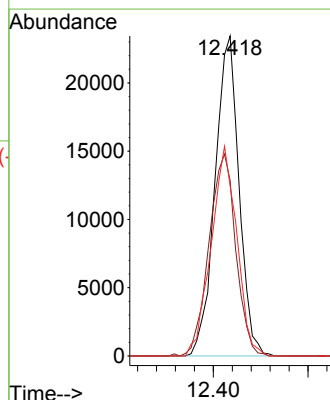
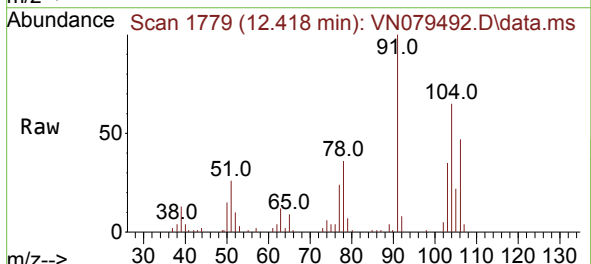
Instrument :
MSVOA_N
ClientSampleId :

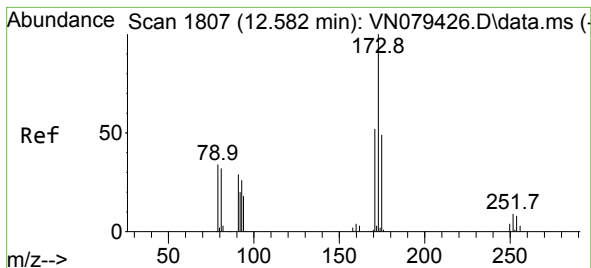
Tgt Ion:106 Resp: 76542
Ion Ratio Lower Upper
106 100
91 222.4 105.2 315.5



#70
Styrene
Concen: 3.521 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion:104 Resp: 41209
Ion Ratio Lower Upper
104 100
78 70.4 39.5 59.3#
103 70.2 43.2 64.8#





#71

Bromoform

Concen: 0.328 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN079492.D

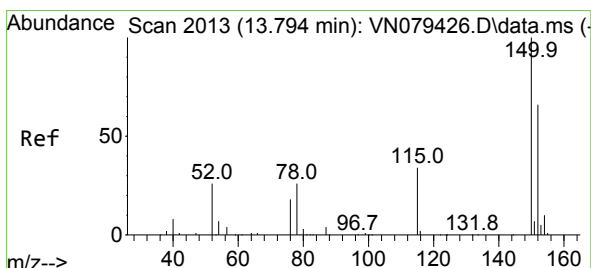
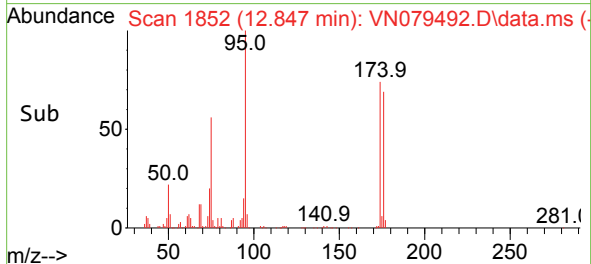
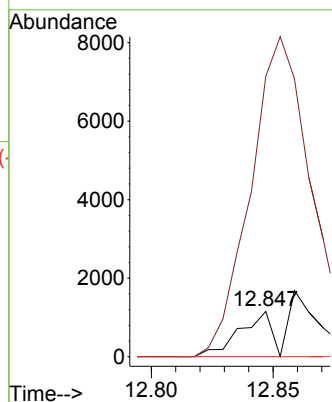
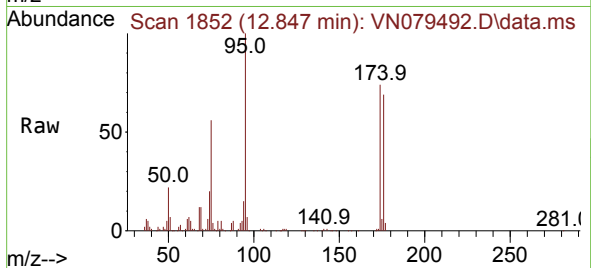
Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	1050
Ion Ratio	Lower	Upper	
173	100		
175	1023.6	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

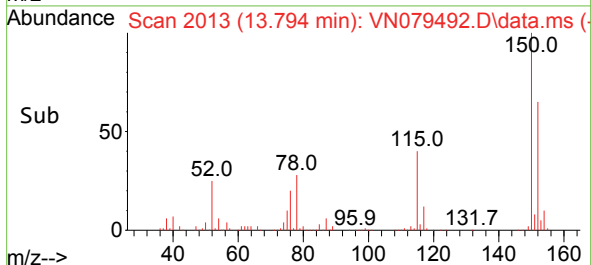
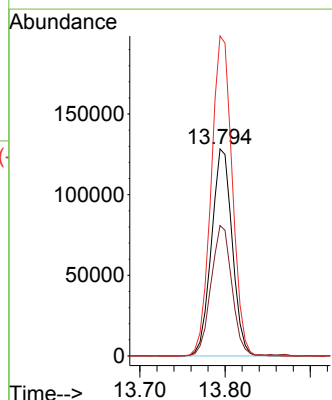
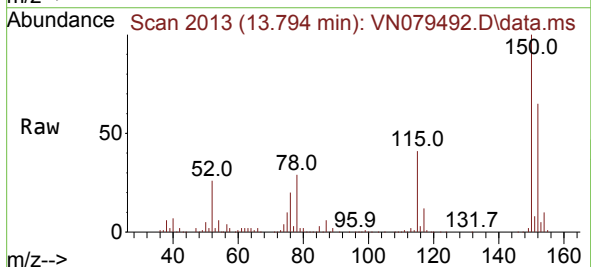
RT: 13.794 min Scan# 2013

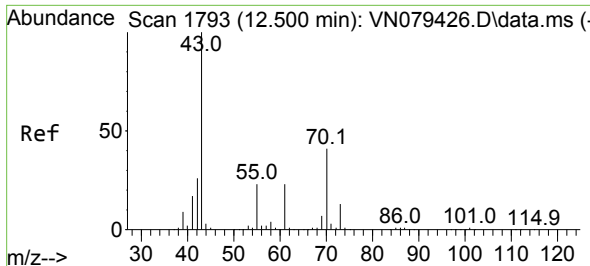
Delta R.T. 0.000 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

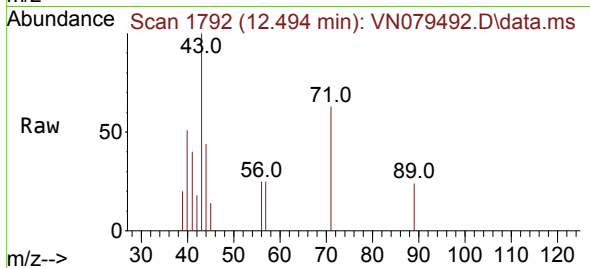
Tgt Ion:	152	Resp:	217181
Ion Ratio	Lower	Upper	
152	100		
115	63.2	32.3	96.8
150	156.5	0.0	355.8



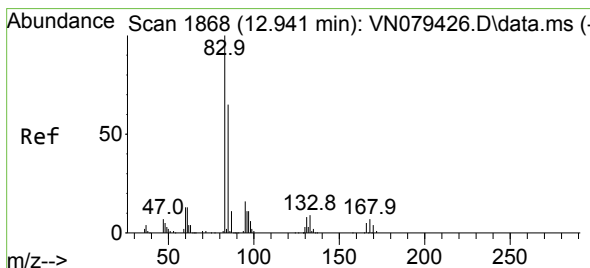
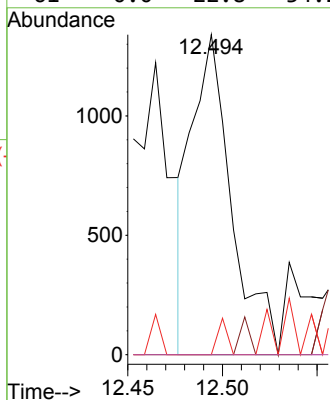
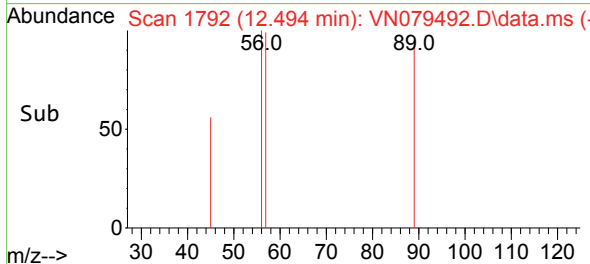


#74
N-amy1 acetate
Concen: 0.238 ug/l
RT: 12.494 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :

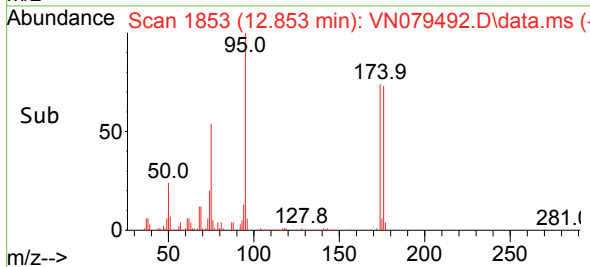
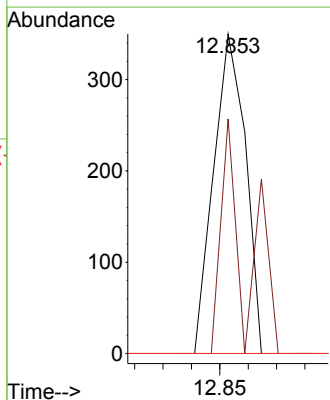
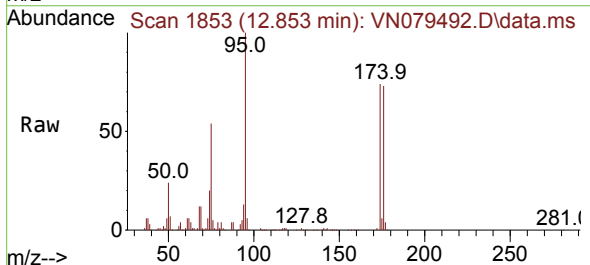


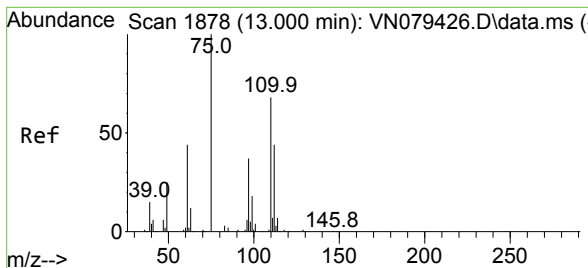
Tgt Ion: 43	Resp: 1970
Ion Ratio	Lower Upper
43 100	
70 0.0	43.4 65.2#
55 0.0	21.4 32.0#
61 0.0	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.853 min Scan# 1853
Delta R.T. -0.088 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 83	Resp: 272
Ion Ratio	Lower Upper
83 100	
131 58.1	5.0 15.0#
85 0.0	31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 22.018 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

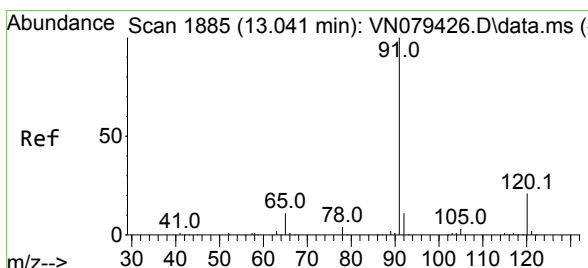
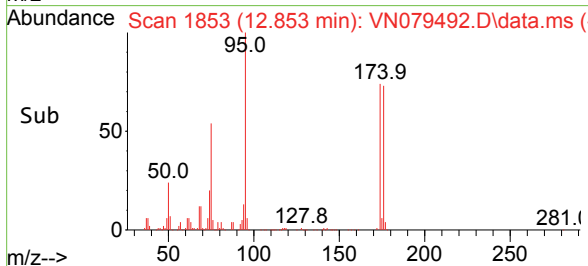
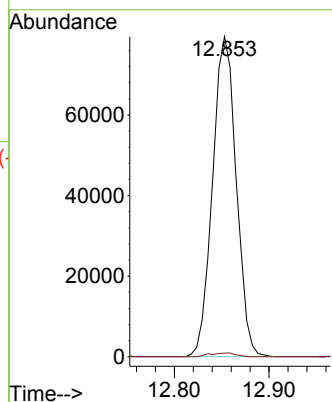
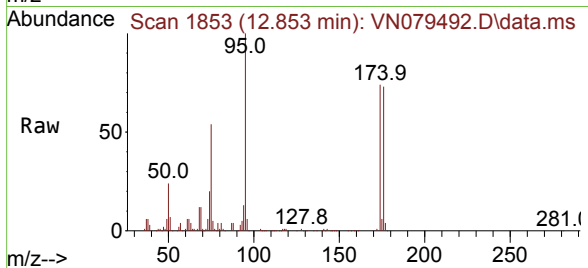
ClientSampleId :

Tgt Ion: 75 Resp: 137877

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#78

n-propylbenzene

Concen: 0.249 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079492.D

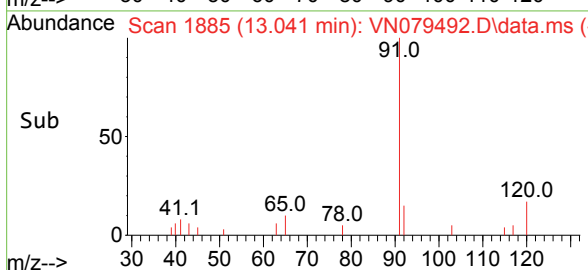
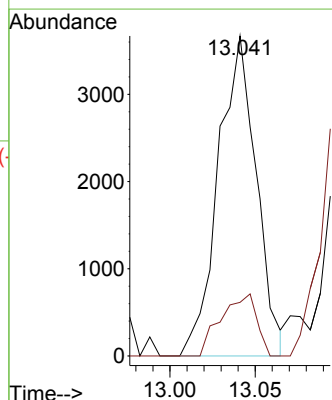
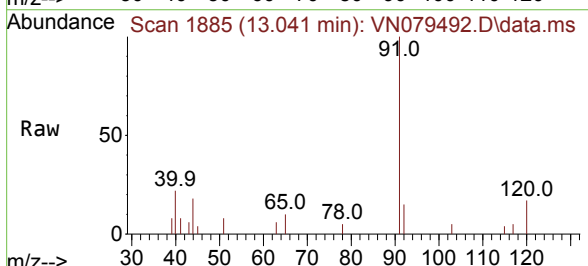
Acq: 10 Oct 2023 14:49

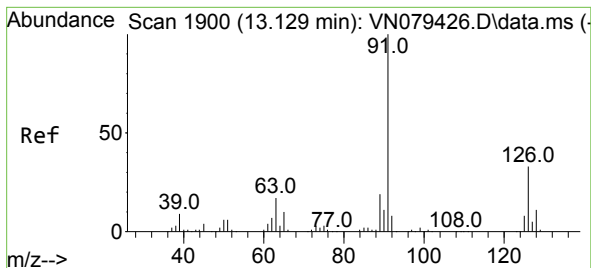
Tgt Ion: 91 Resp: 5696

Ion Ratio Lower Upper

91 100

120 18.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.222 ug/l

RT: 13.094 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

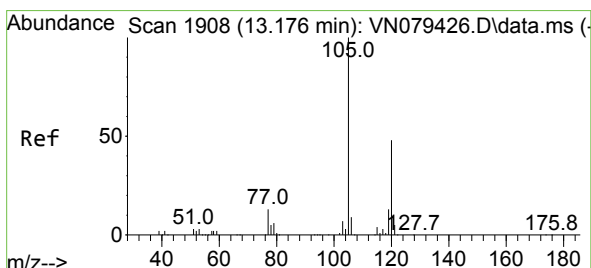
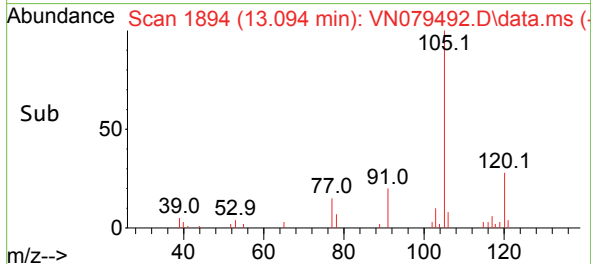
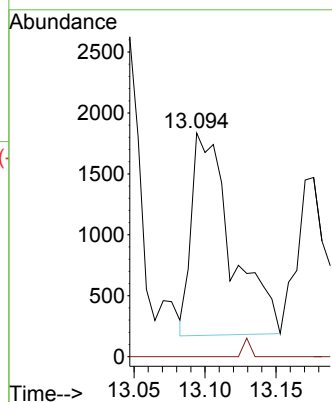
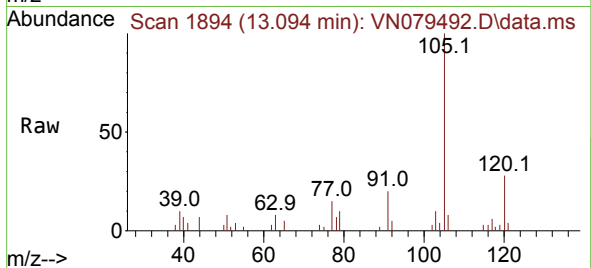
ClientSampleId :

Tgt Ion: 91 Resp: 3254

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.017 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079492.D

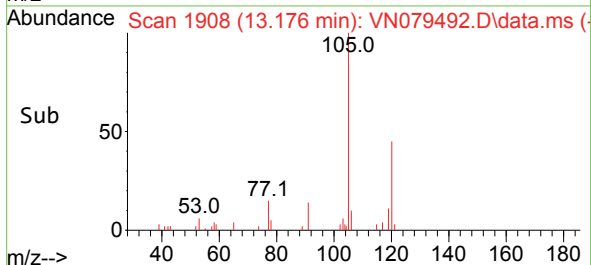
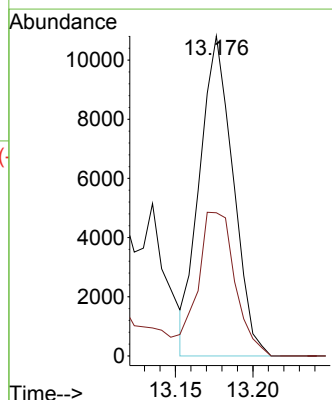
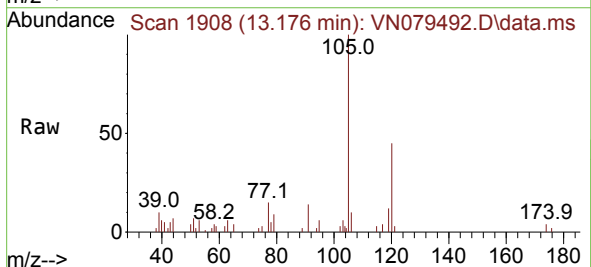
Acq: 10 Oct 2023 14:49

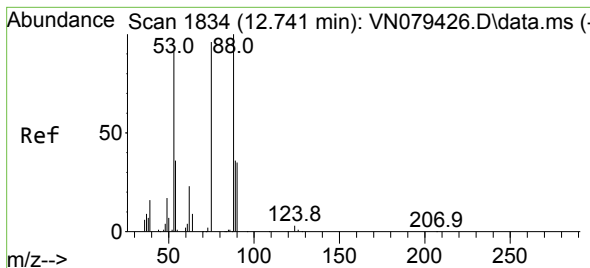
Tgt Ion:105 Resp: 16211

Ion Ratio Lower Upper

105 100

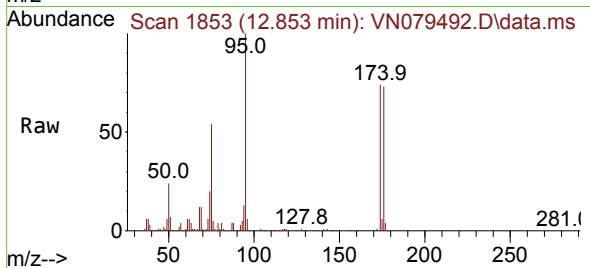
120 50.9 24.1 72.3



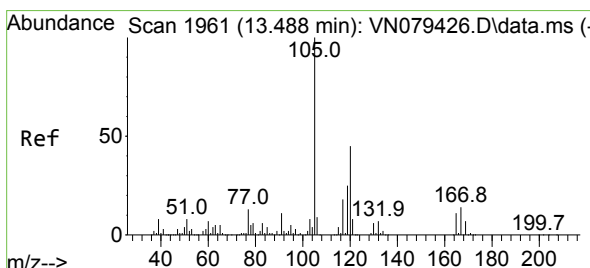
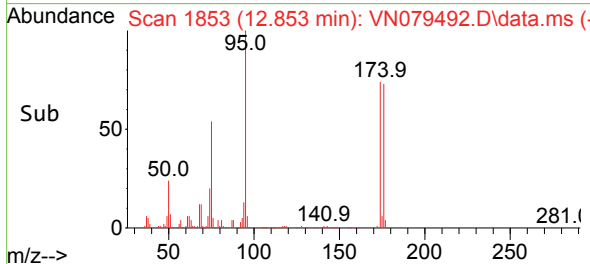
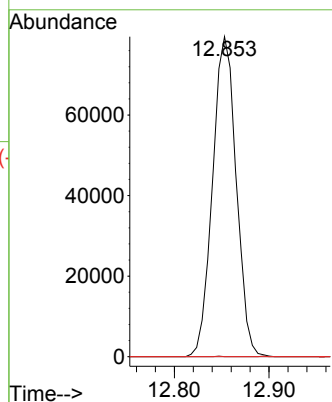


#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.887 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

Instrument :
 MSVOA_N
 ClientSampleId :

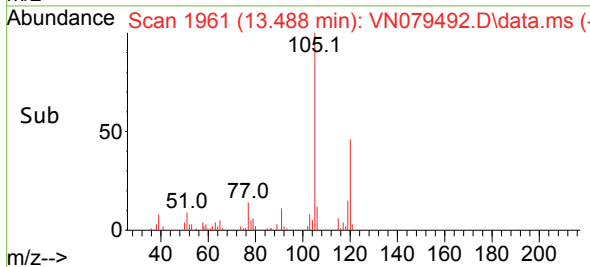
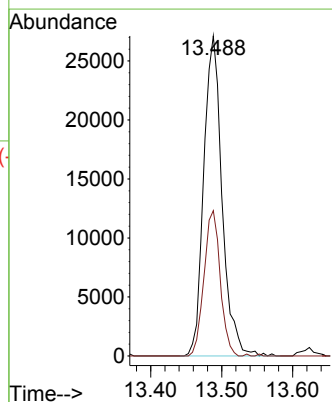
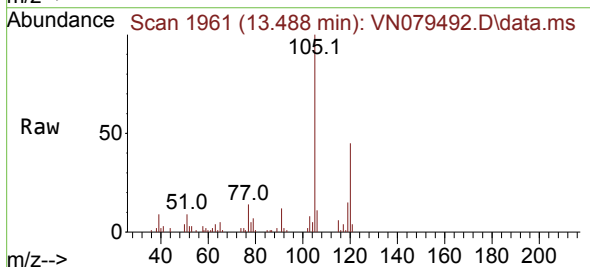


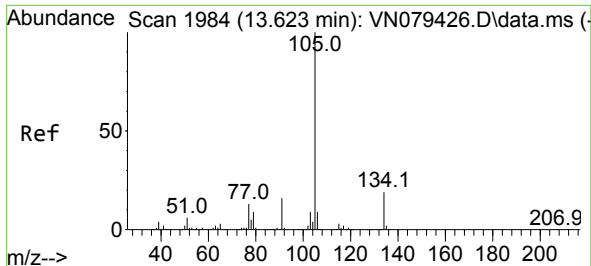
Tgt Ion: 75 Resp: 137877
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.202 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

Tgt Ion: 105 Resp: 48680
 Ion Ratio Lower Upper
 105 100
 120 40.2 22.0 66.0

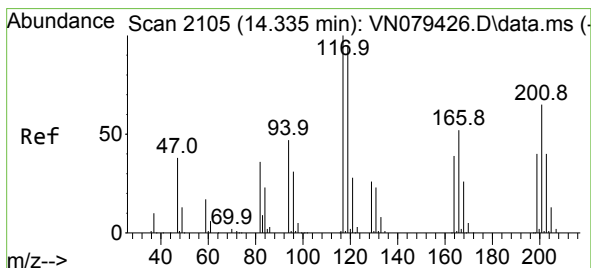
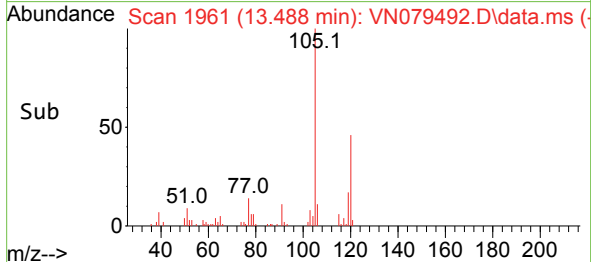
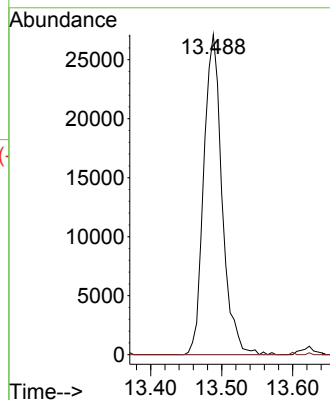
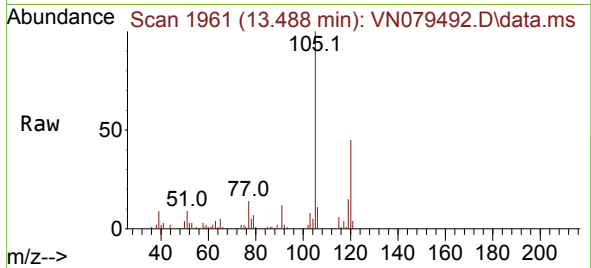




#85
 sec-Butylbenzene
 Concen: 2.674 ug/l
 RT: 13.488 min Scan# 1984
 Delta R.T. -0.135 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

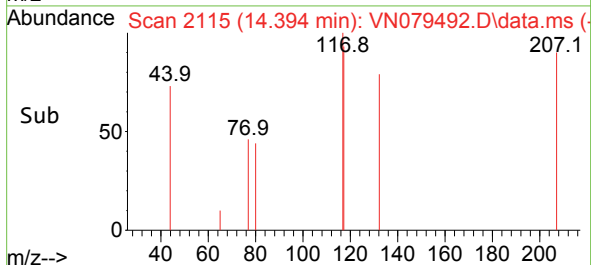
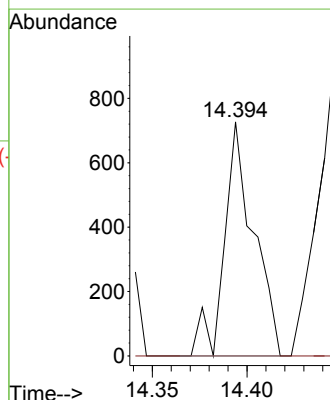
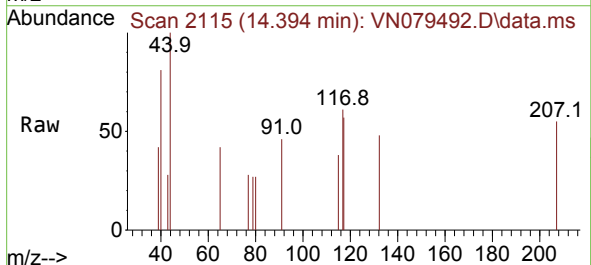
Instrument :
 MSVOA_N
 ClientSampleId :

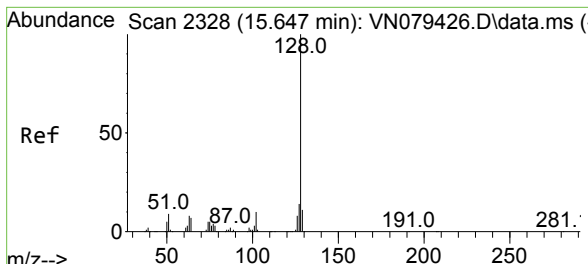
Tgt Ion:105 Resp: 48680
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 14.394 min Scan# 2115
 Delta R.T. 0.059 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

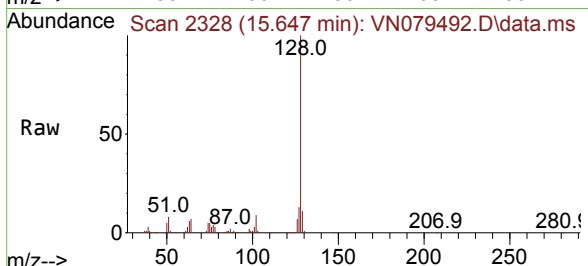
Tgt Ion:117 Resp: 782
 Ion Ratio Lower Upper
 117 100
 201 0.0 29.3 88.0#





#95
 Naphthalene
 Concen: 56.812 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 411826

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.9	8.7	13.1

