

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079130.D
 Acq On : 01 Sep 2023 18:11
 Operator : JC\MD
 Sample : 04232-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 23:18:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	291736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	531571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	516871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205150	45.191	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.380%
35) Dibromofluoromethane	8.171	113	180779	50.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	10.571	98	644085	48.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.853	95	238373	54.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.542	59	1359	1.784	ug/l #	72
13) Acrolein	4.195	56	179	7.194	ug/l #	16
16) Acetone	4.436	43	29866	15.944	ug/l	90
18) Methyl Acetate	5.030	43	2338	0.295	ug/l #	68
20) Methylene Chloride	5.277	84	18385	4.606	ug/l #	77
25) 2-Butanone	7.500	43	28174	9.382	ug/l #	79
29) Tetrahydrofuran	7.865	42	591	0.297	ug/l #	34
31) Cyclohexane	8.224	56	6881	Below Cal	#	1
36) 1,1-Dichloropropene	8.224	75	24105	4.478	ug/l #	48
37) Ethyl Acetate	7.565	43	5498	0.913	ug/l #	89
38) Carbon Tetrachloride	8.230	117	28697	5.321	ug/l #	15
40) Benzene	8.612	78	414534	26.055	ug/l	98
42) 1,2-Dichloroethane	8.618	62	3484	0.586	ug/l	79
43) Isopropyl Acetate	8.694	43	239556	22.505	ug/l #	79
45) 1,2-Dichloropropane	9.747	63	2458	0.580	ug/l #	45
48) Methyl methacrylate	9.665	41	6036	1.251	ug/l #	28
49) 1,4-Dioxane	9.741	88	81	0.986	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	87793	13.906	ug/l	89
52) Toluene	10.635	92	316580	32.410	ug/l	97
53) t-1,3-Dichloropropene	10.735	75	1425	0.232	ug/l #	77
54) cis-1,3-Dichloropropene	10.365	75	71449	10.663	ug/l #	65
55) 1,1,2-Trichloroethane	10.882	97	1573	0.402	ug/l #	16
56) Ethyl methacrylate	10.988	69	2176	0.358	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	8896	1.270	ug/l #	42
59) 2-Hexanone	11.176	43	176217	38.537	ug/l #	19
67) Ethyl Benzene	11.965	91	50241	2.511	ug/l	91
68) m/p-Xylenes	12.071	106	89576	11.974	ug/l	95
69) o-Xylene	12.400	106	57168	7.856	ug/l	93
70) Styrene	12.412	104	30542	2.517	ug/l #	77
71) Bromoform	12.847	173	1637	0.542	ug/l #	1
74) N-amyl acetate	12.465	43	1903	0.224	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	123672	25.374	ug/l #	1
78) n-propylbenzene	13.041	91	4827	0.247	ug/l	100
79) 2-Chlorotoluene	13.100	91	3116	0.257	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	13047	0.976	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	123672	64.819	ug/l #	15

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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

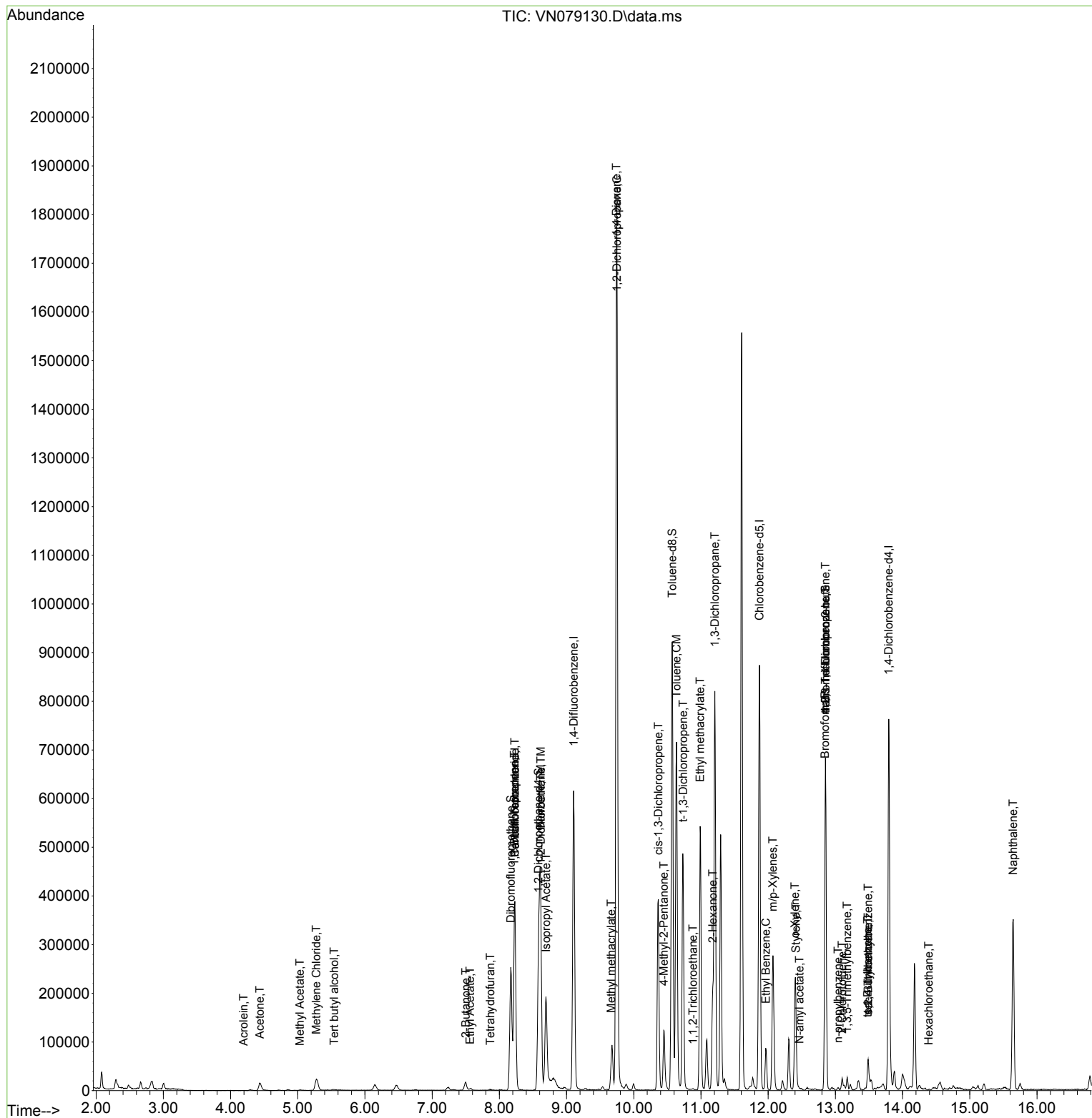
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.482	119	4218	0.376	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.488	105	39783	3.006	ug/l	93
85) sec-Butylbenzene	13.488	105	39783	2.574	ug/l #	57
90) Hexachloroethane	14.388	117	563	0.227	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.576	75	136	Below Cal	#	4
95) Naphthalene	15.647	128	334574	36.619	ug/l	100

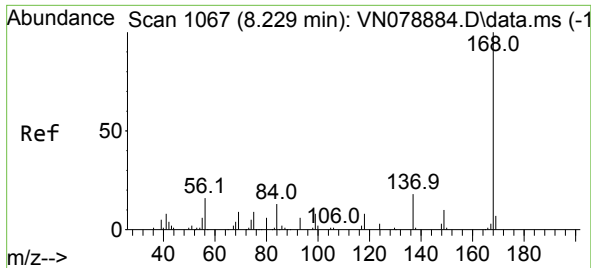
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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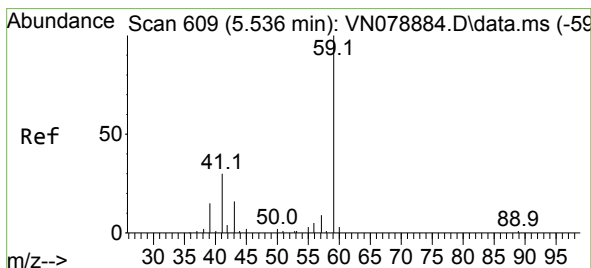
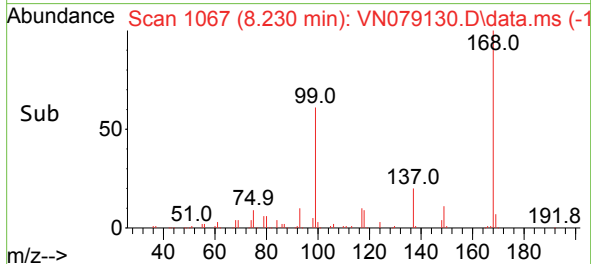
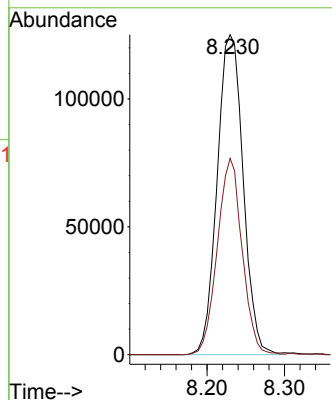
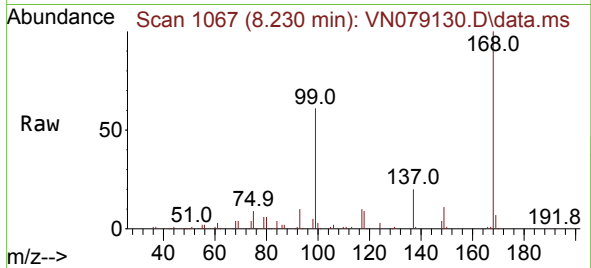




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

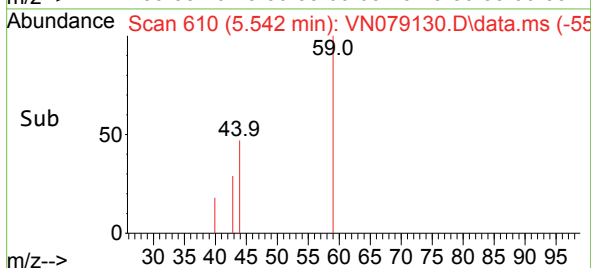
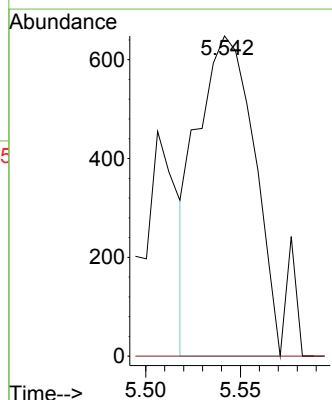
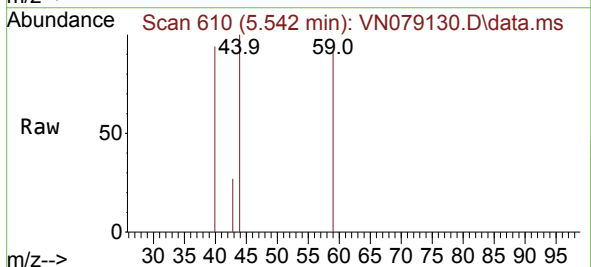
Instrument :
MSVOA_N
ClientSampleId :

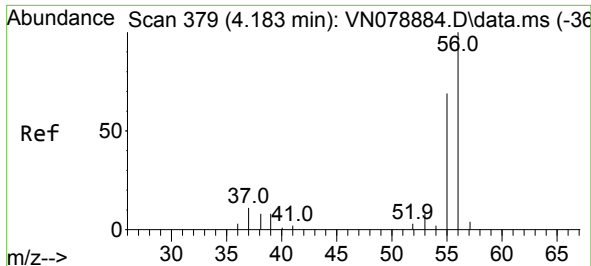
Tgt Ion:168 Resp: 291736
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#11
Tert butyl alcohol
Concen: 1.784 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

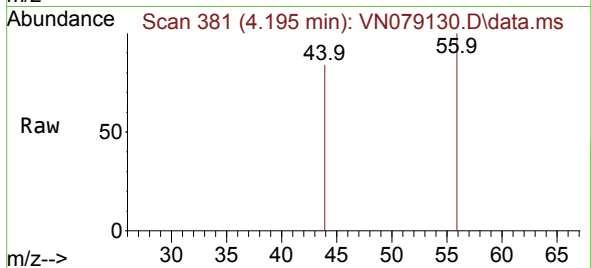
Tgt Ion: 59 Resp: 1359
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



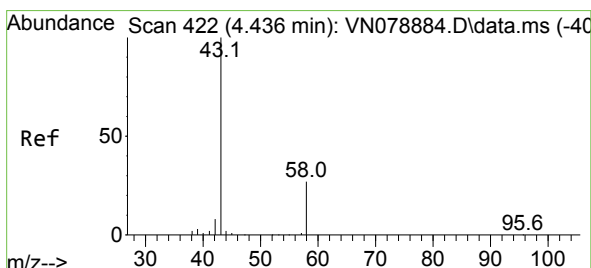
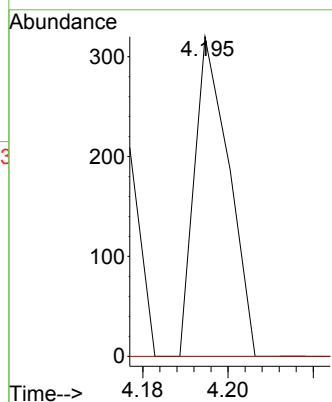
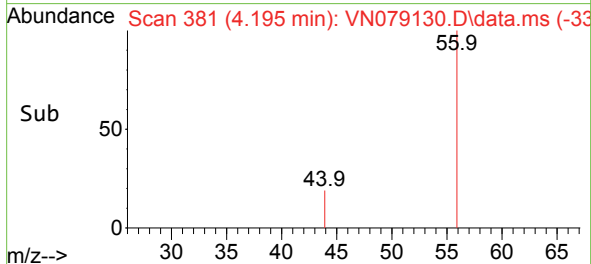


#13
Acrolein
Concen: 7.194 ug/l
RT: 4.195 min Scan# 381
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Instrument :
MSVOA_N
ClientSampleId :

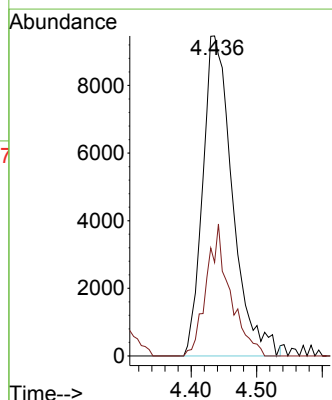
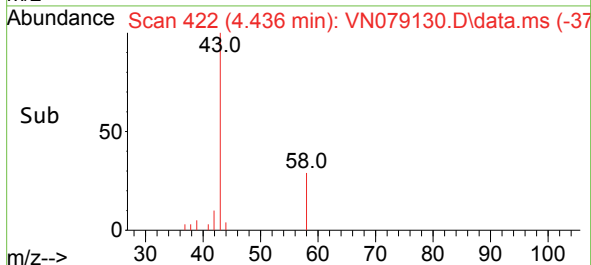
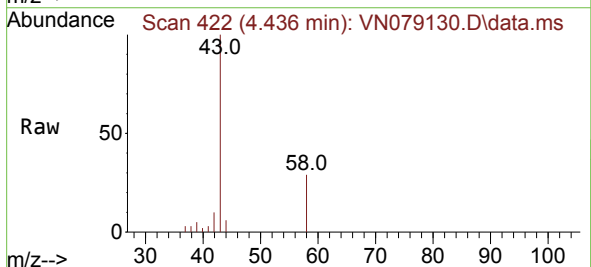


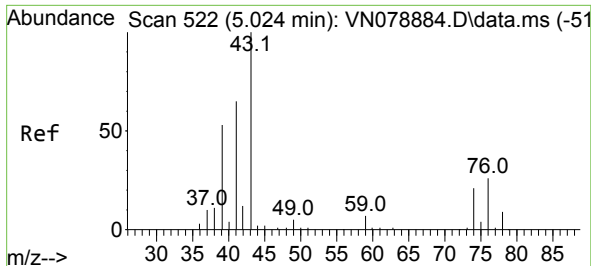
Tgt Ion: 56 Resp: 179
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 15.944 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 43 Resp: 29866
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0

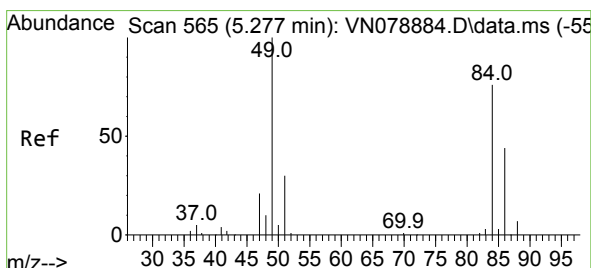
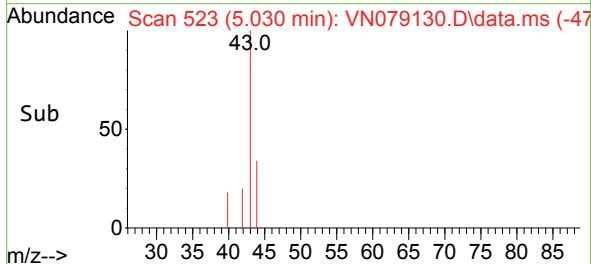
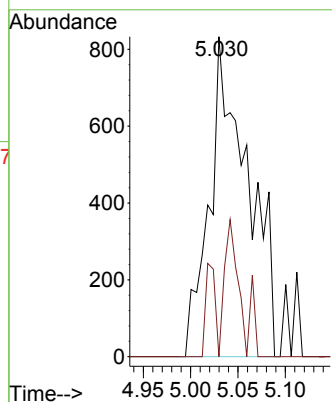
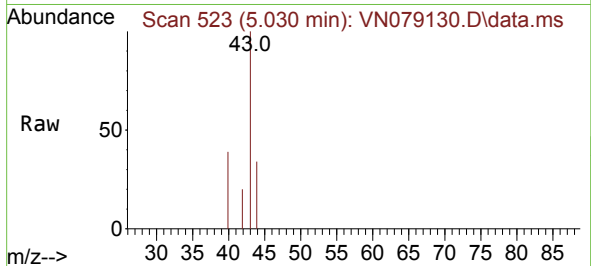




#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 5.030 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

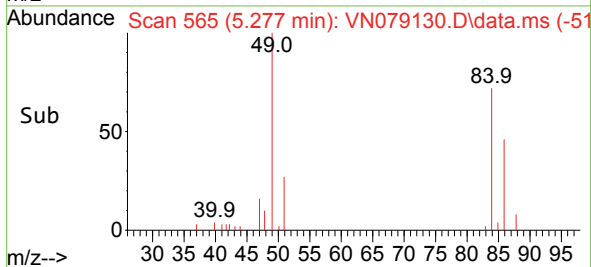
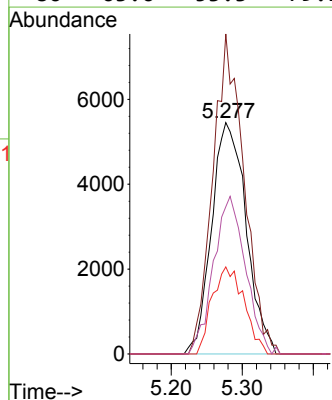
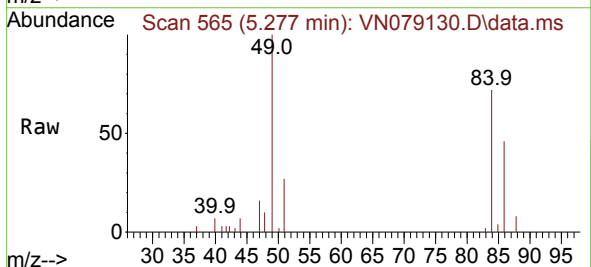
Instrument :
MSVOA_N
ClientSampleId :

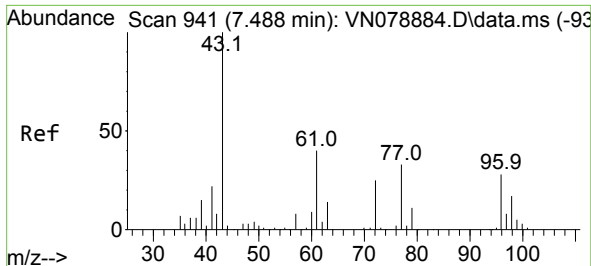
Tgt Ion: 43 Resp: 2338
Ion Ratio Lower Upper
43 100
74 14.8 26.2 39.4#



#20
Methylene Chloride
Concen: 4.606 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

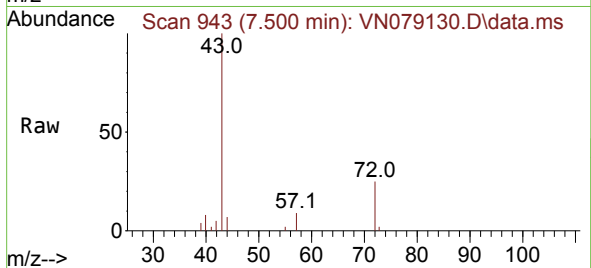
Tgt Ion: 84 Resp: 18385
Ion Ratio Lower Upper
84 100
49 138.3 79.7 119.5#
51 37.6 25.2 37.8
86 63.6 53.3 79.9



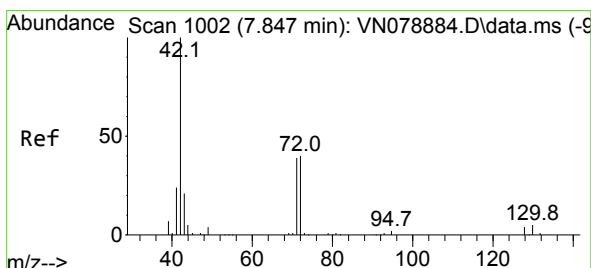
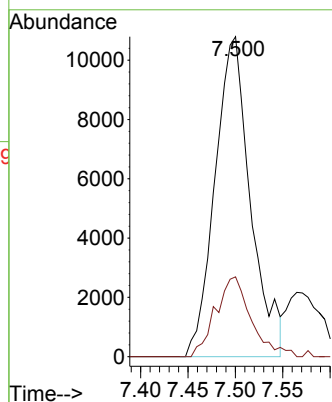
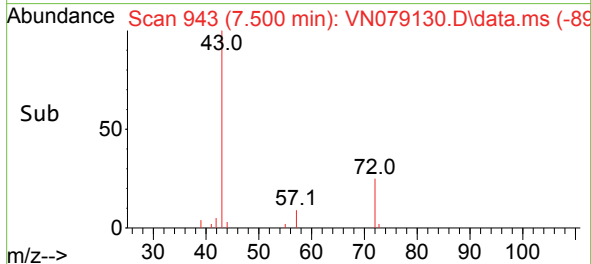


#25
2-Butanone
Concen: 9.382 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

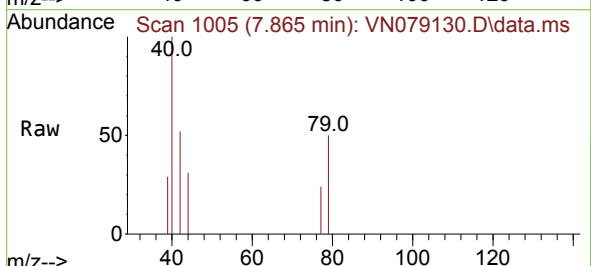
Instrument :
MSVOA_N
ClientSampleId :



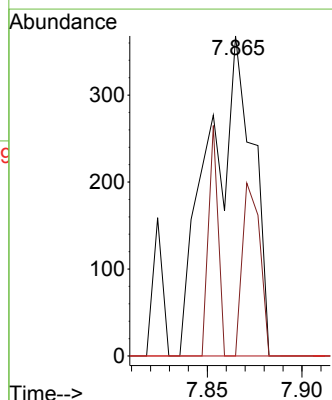
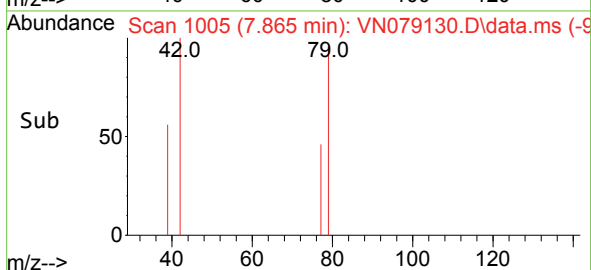
Tgt Ion: 43 Resp: 28174
Ion Ratio Lower Upper
43 100
72 25.0 30.2 45.2#

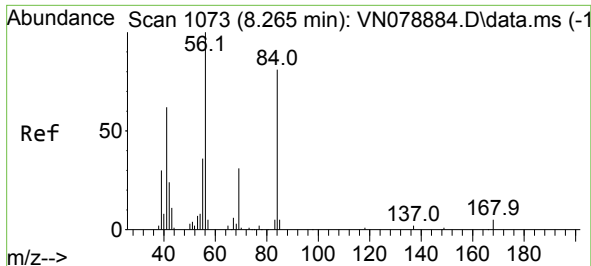


#29
Tetrahydrofuran
Concen: 0.297 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11



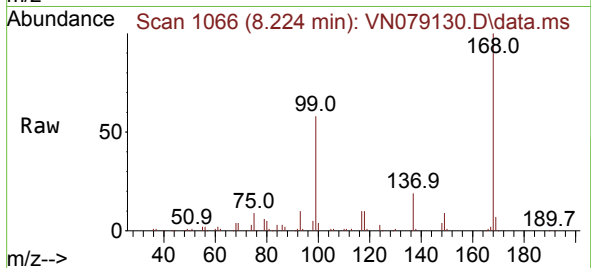
Tgt Ion: 42 Resp: 591
Ion Ratio Lower Upper
42 100
72 21.5 49.8 74.6#
71 0.0 47.4 71.2#



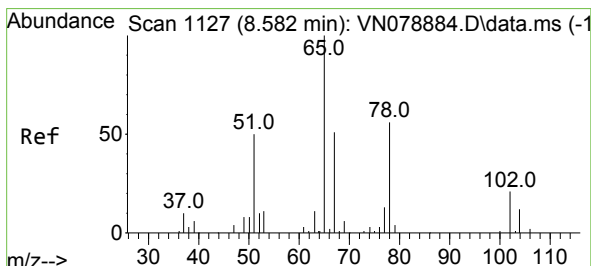
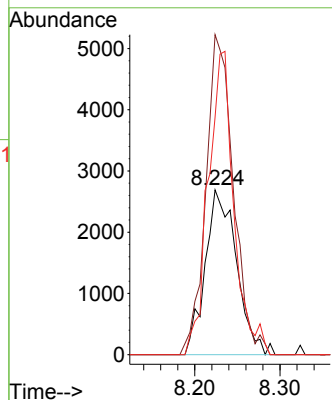
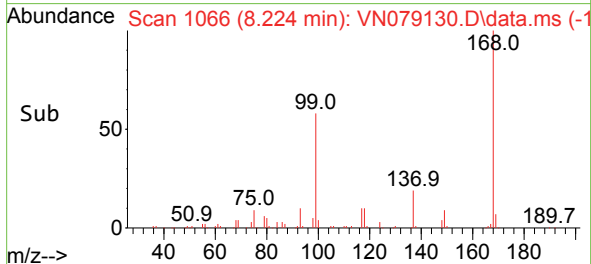


#31
Cyclohexane
Concen: Below Cal
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Instrument :
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ClientSampleId :

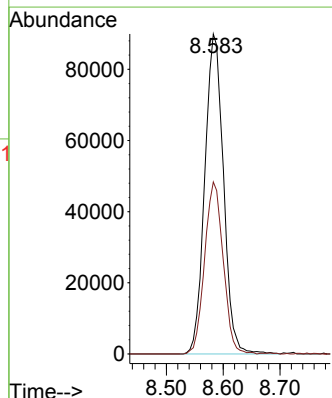
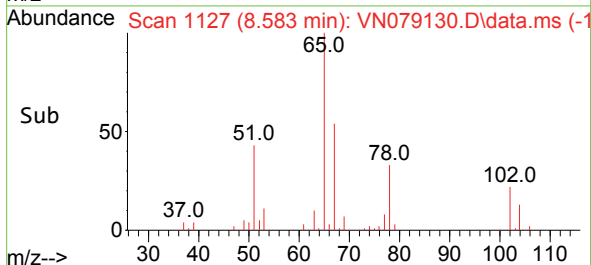
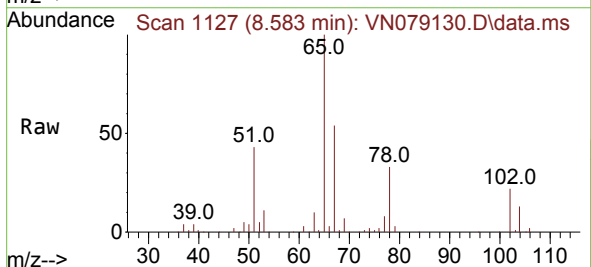


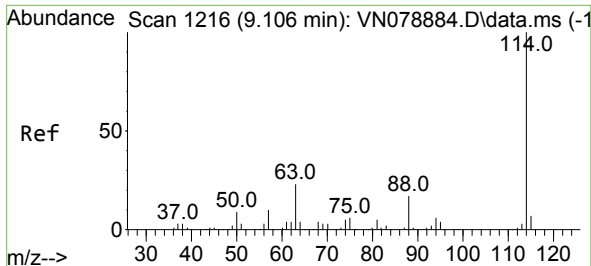
Tgt Ion: 56 Resp: 6881
Ion Ratio Lower Upper
56 100
69 194.1 26.8 40.2#
84 144.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 45.191 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
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Tgt Ion: 65 Resp: 205150
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

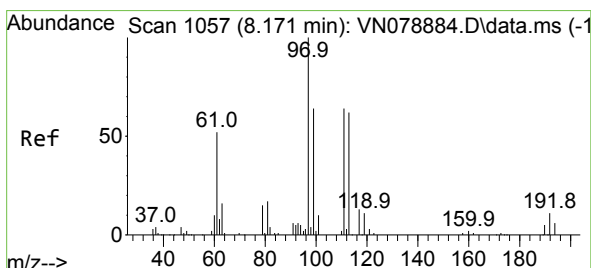
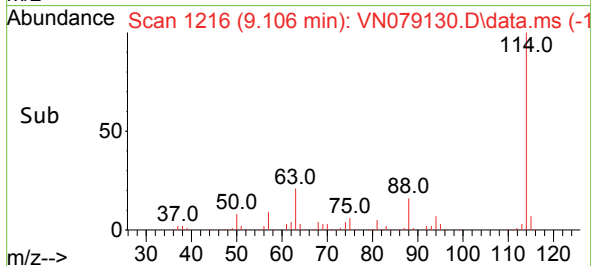
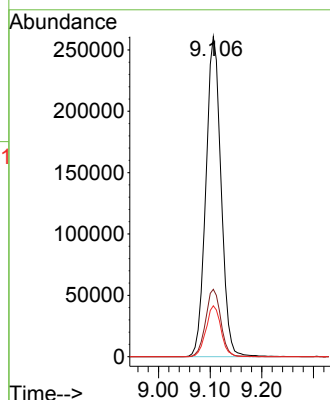
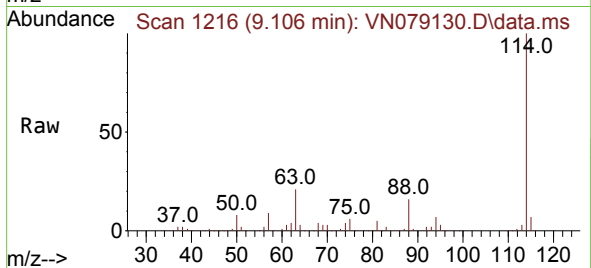




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

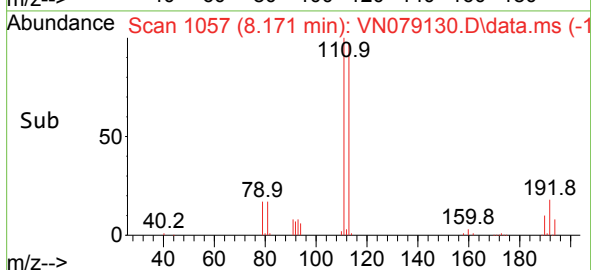
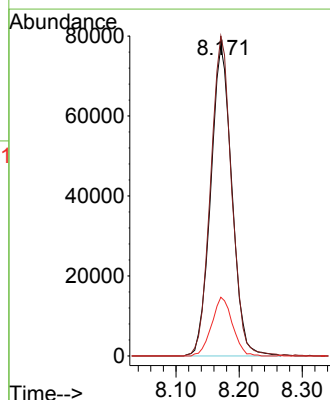
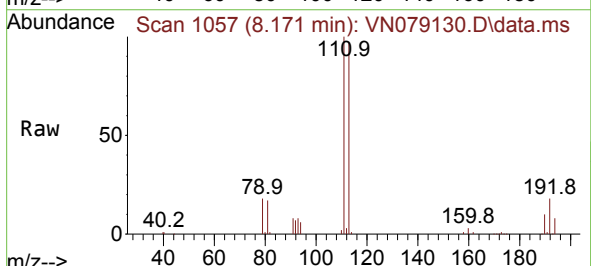
Instrument :
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ClientSampleId :

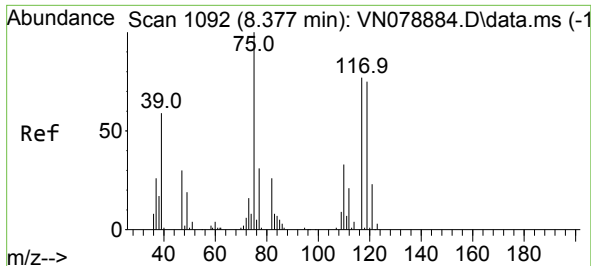
Tgt Ion:114 Resp: 531571
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.522 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion:113 Resp: 180779
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 18.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.478 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

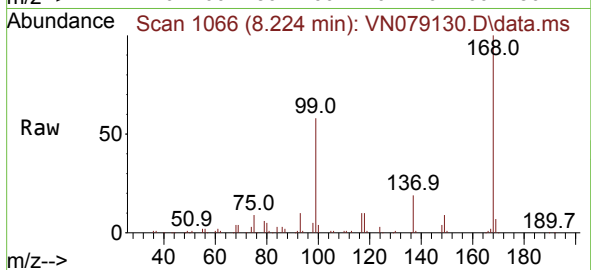
Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

ClientSampleId :



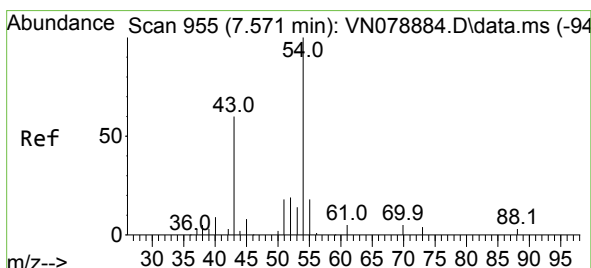
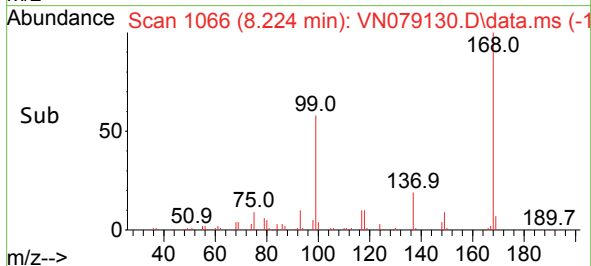
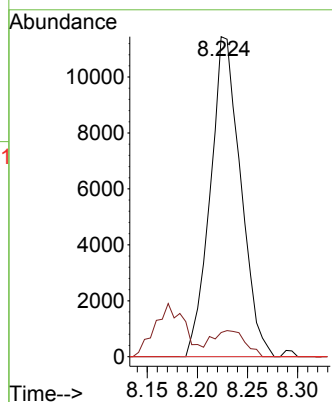
Tgt Ion: 75 Resp: 24105

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.913 ug/l

RT: 7.565 min Scan# 954

Delta R.T. -0.006 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

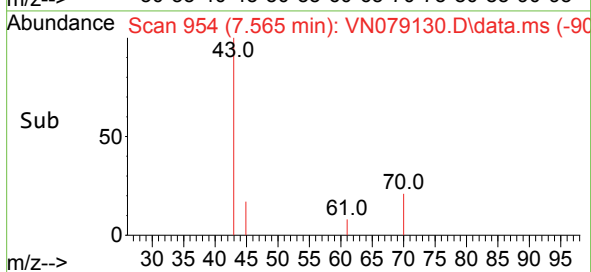
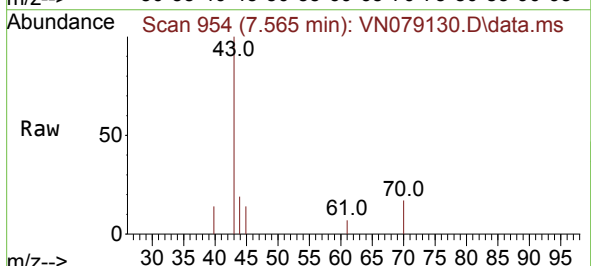
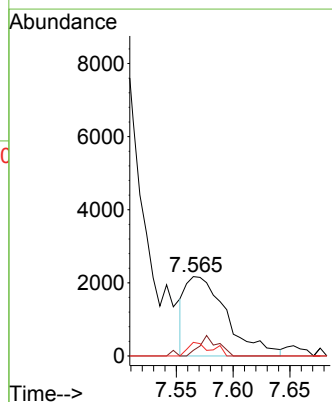
Tgt Ion: 43 Resp: 5498

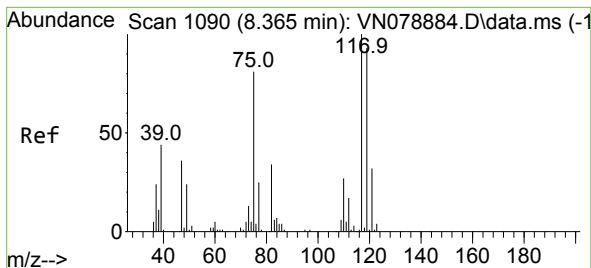
Ion Ratio Lower Upper

43 100

61 11.5 13.2 19.8#

70 9.6 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.321 ug/l

RT: 8.230 min Scan# 1106

Delta R.T. -0.141 min

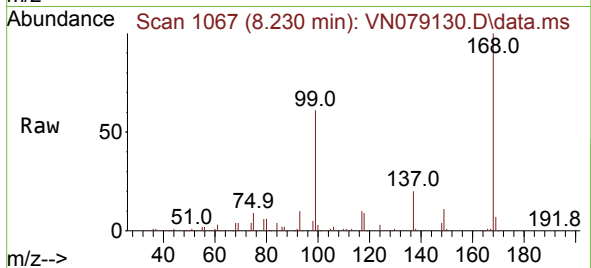
Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

ClientSampleId :



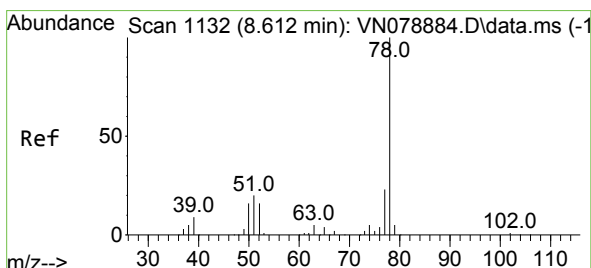
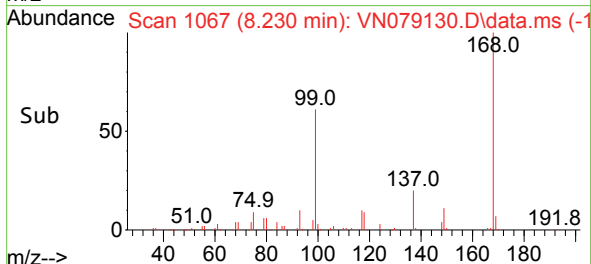
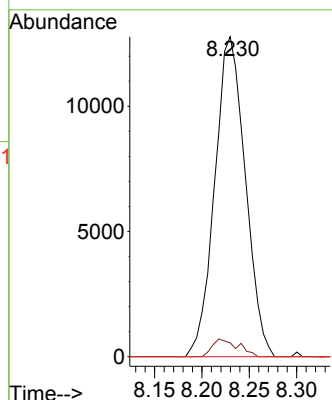
Tgt Ion:117 Resp: 28697

Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

121 0.0 23.3 34.9#



#40

Benzene

Concen: 26.055 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079130.D

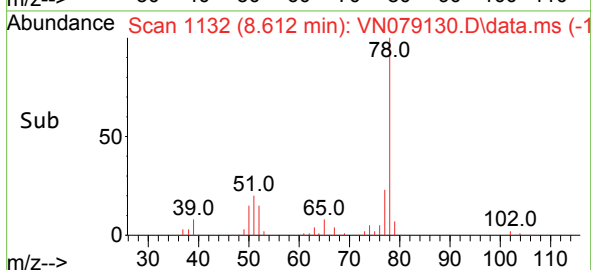
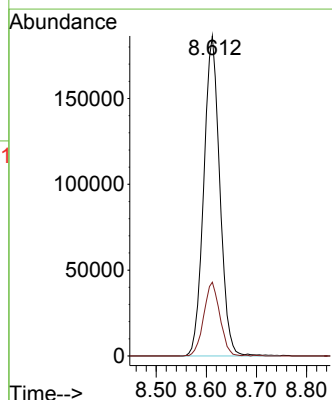
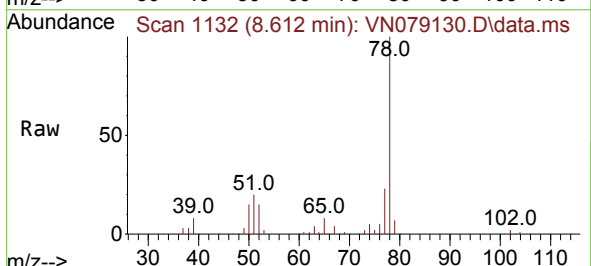
Acq: 01 Sep 2023 18:11

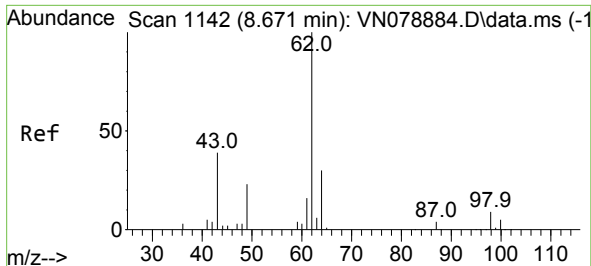
Tgt Ion: 78 Resp: 414534

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.586 ug/l

RT: 8.618 min Scan# 1142

Delta R.T. -0.059 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

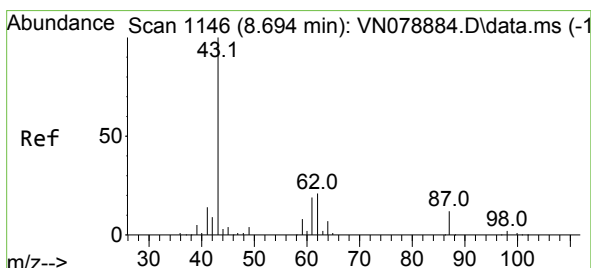
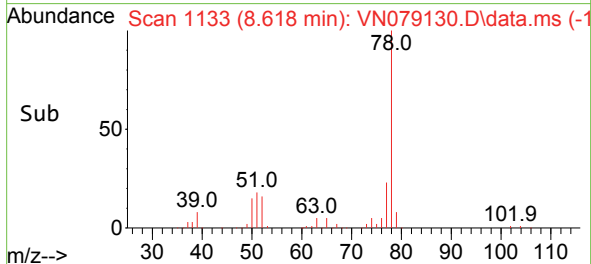
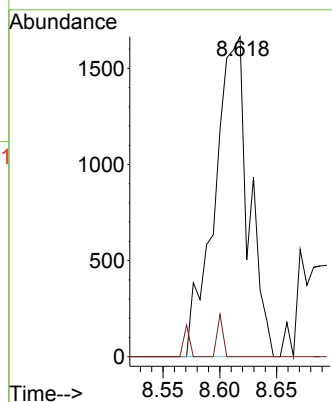
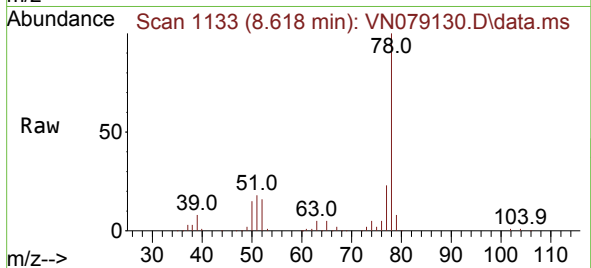
ClientSampleId :

Tgt Ion: 62 Resp: 3484

Ion Ratio Lower Upper

62 100

98 2.2 0.0 19.8



#43

Isopropyl Acetate

Concen: 22.505 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

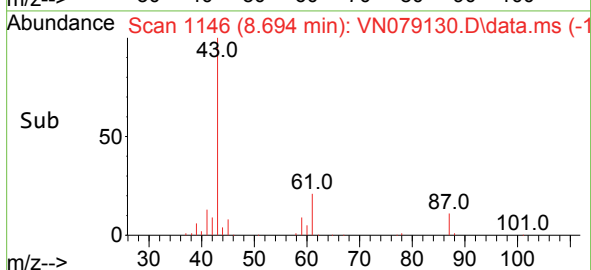
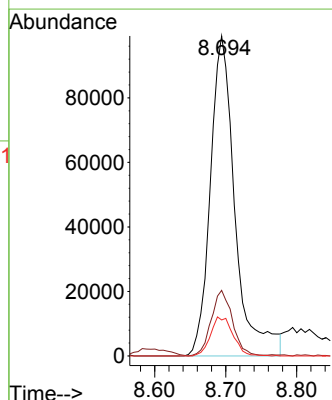
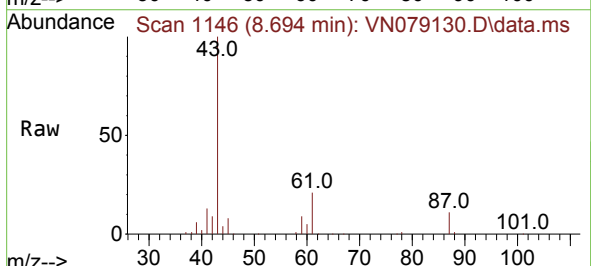
Tgt Ion: 43 Resp: 239556

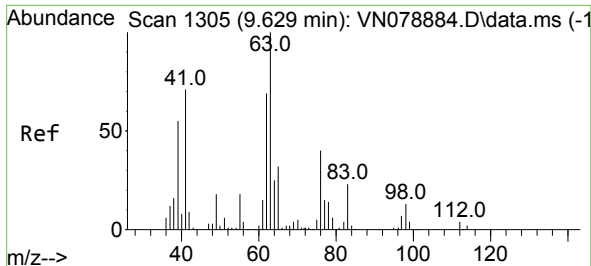
Ion Ratio Lower Upper

43 100

61 17.7 24.7 37.1#

87 11.1 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.580 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

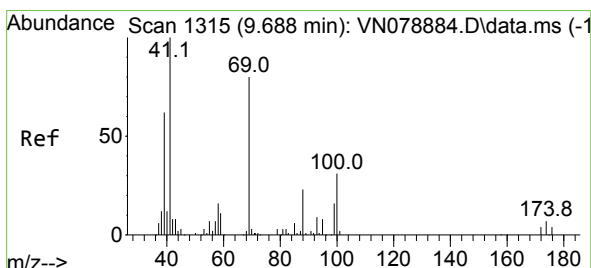
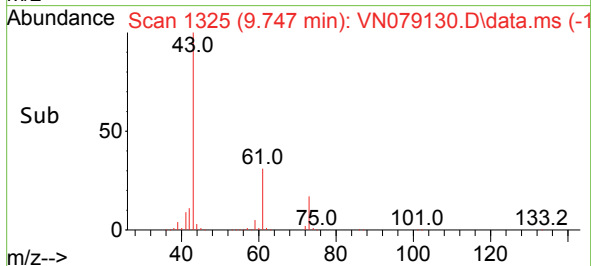
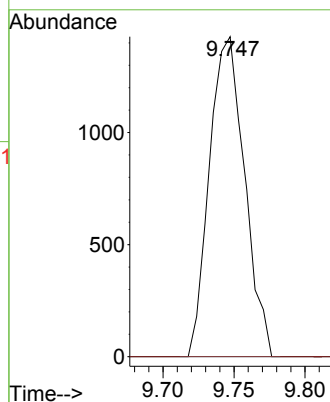
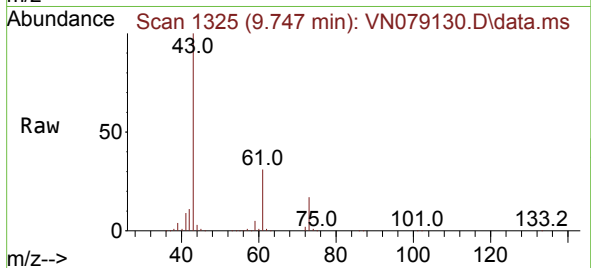
ClientSampleId :

Tgt Ion: 63 Resp: 2458

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.251 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.023 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

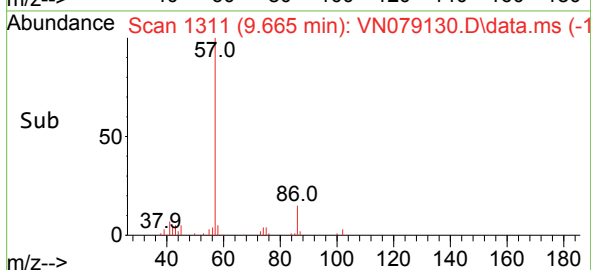
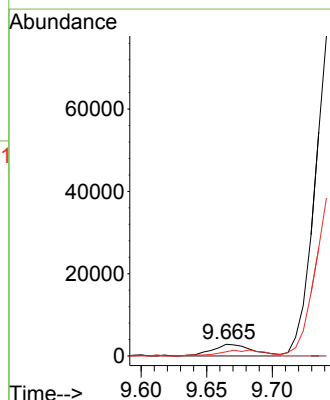
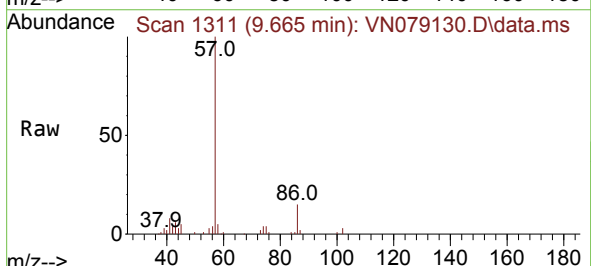
Tgt Ion: 41 Resp: 6036

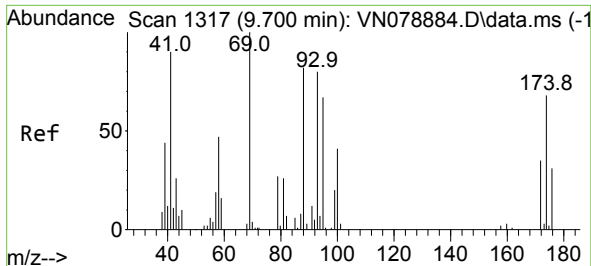
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 54.9 54.6 81.8





#49

1,4-Dioxane

Concen: 0.986 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.041 min

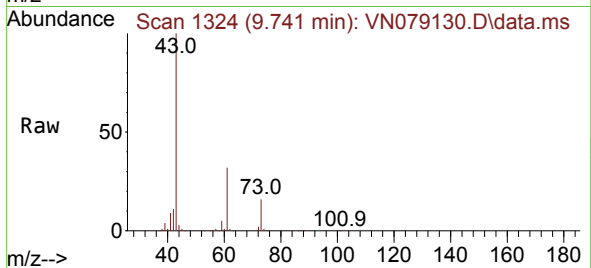
Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

ClientSampleId :



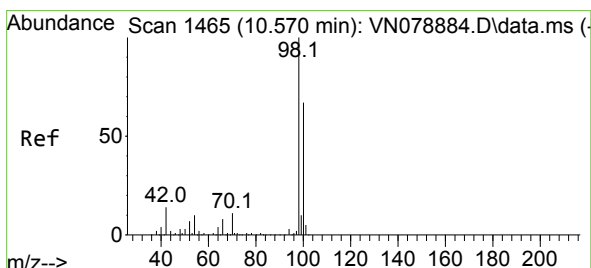
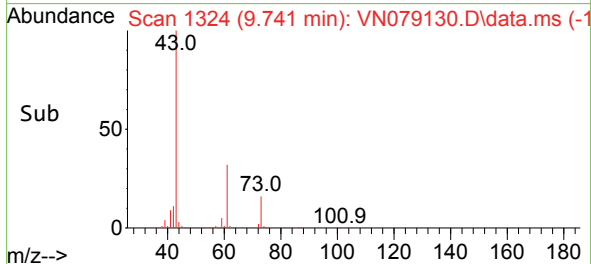
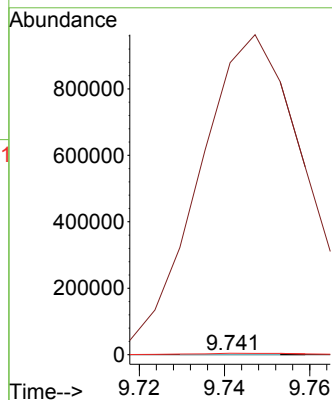
Tgt Ion: 88 Resp: 81

Ion Ratio Lower Upper

88 100

43 2155513.6 17.0 25.6#

58 9995.1 47.0 70.4#



#50

Toluene-d8

Concen: 48.477 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079130.D

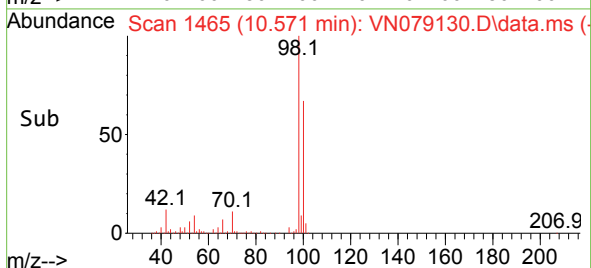
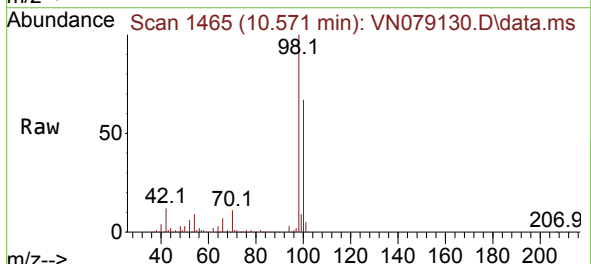
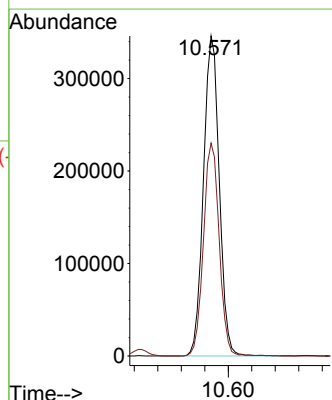
Acq: 01 Sep 2023 18:11

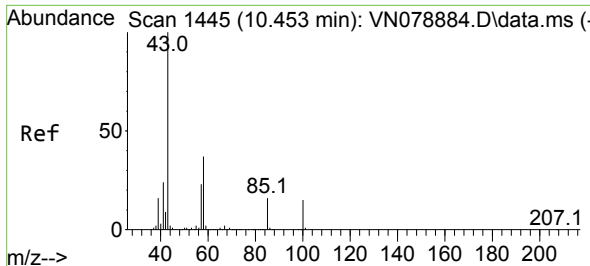
Tgt Ion: 98 Resp: 644085

Ion Ratio Lower Upper

98 100

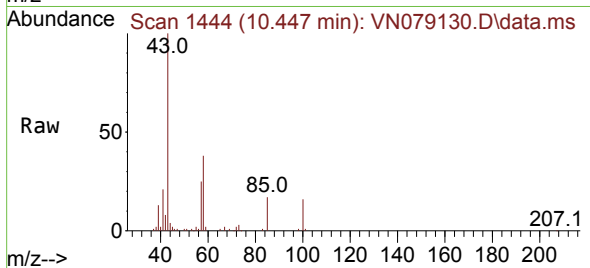
100 66.3 52.0 78.0



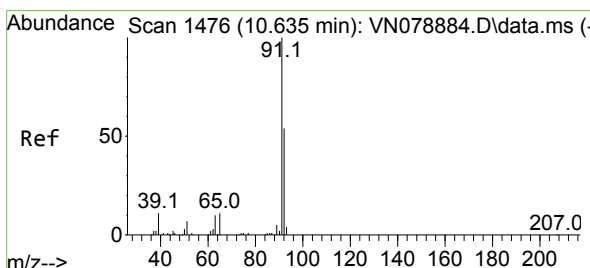
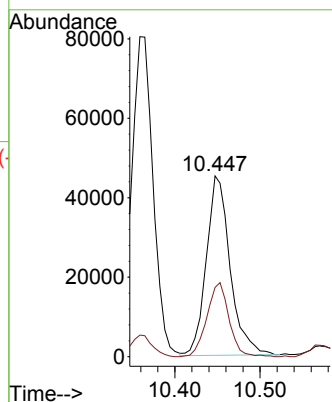
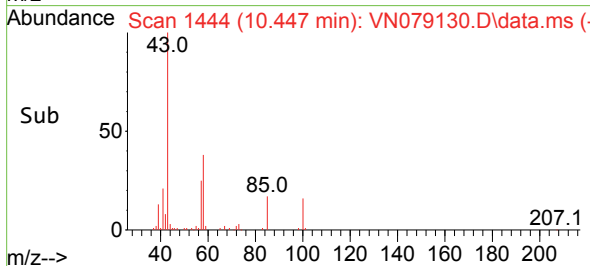


#51
4-Methyl-2-Pentanone
Concen: 13.906 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Instrument :
MSVOA_N
ClientSampleId :

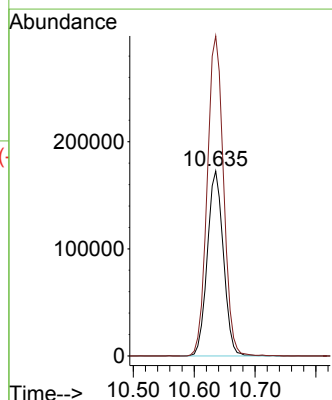
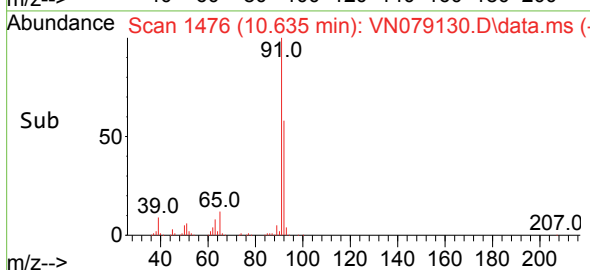
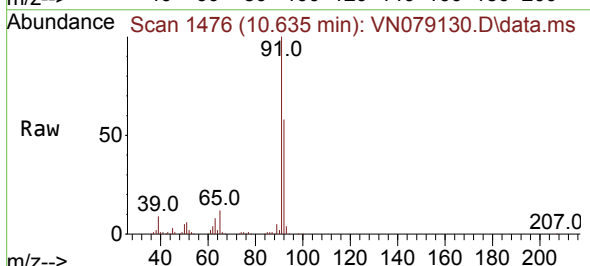


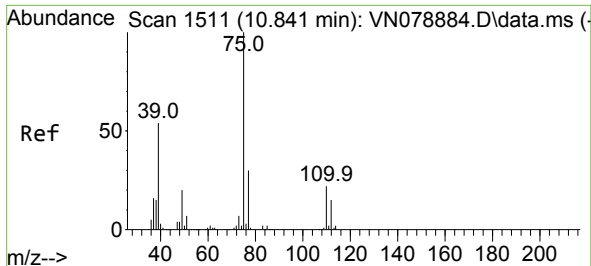
Tgt Ion: 43 Resp: 87793
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8



#52
Toluene
Concen: 32.410 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 92 Resp: 316580
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0

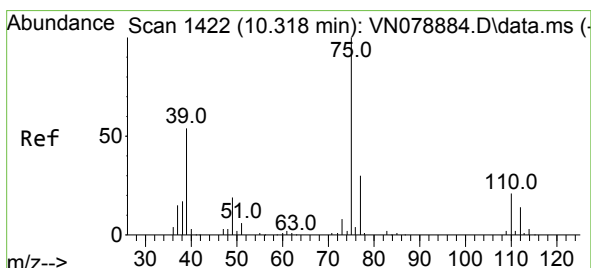
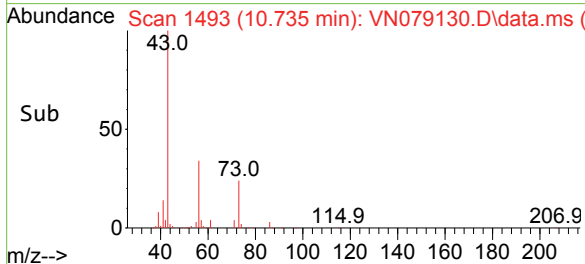
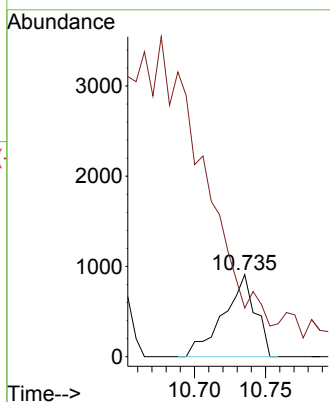
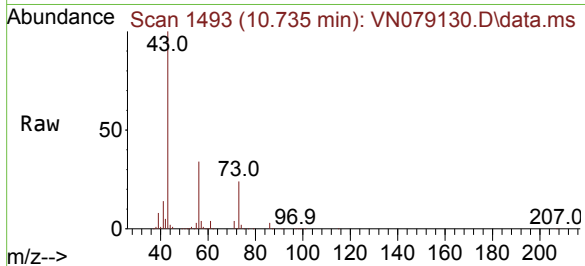




#53
t-1,3-Dichloropropene
Concen: 0.232 ug/l
RT: 10.735 min Scan# 1425
Delta R.T. -0.106 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

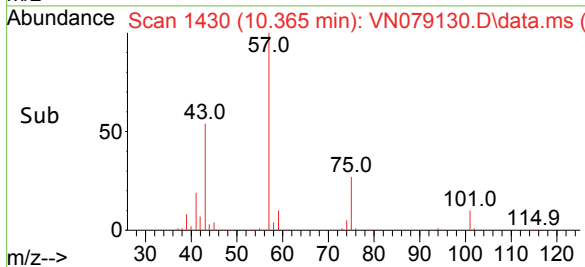
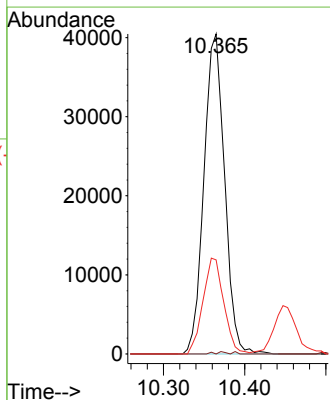
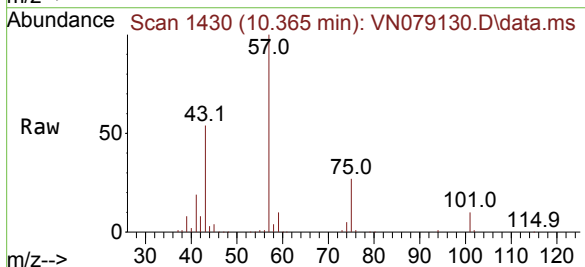
Instrument :
MSVOA_N
ClientSampleId :

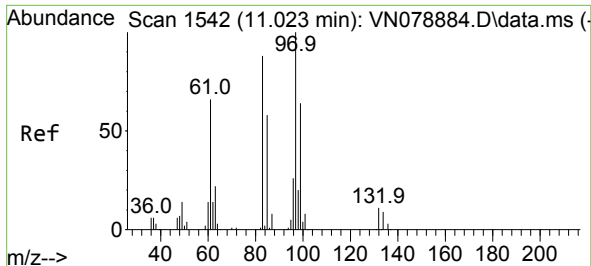
Tgt Ion: 75 Resp: 1425
Ion Ratio Lower Upper
75 100
77 19.0 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 10.663 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

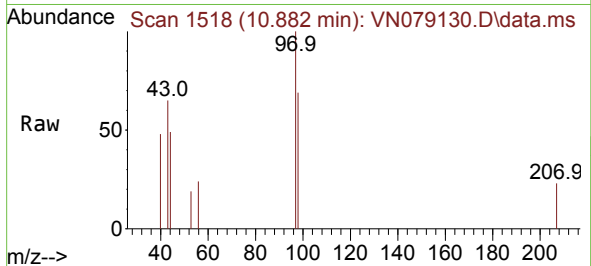
Tgt Ion: 75 Resp: 71449
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
39 29.4 31.6 47.4#



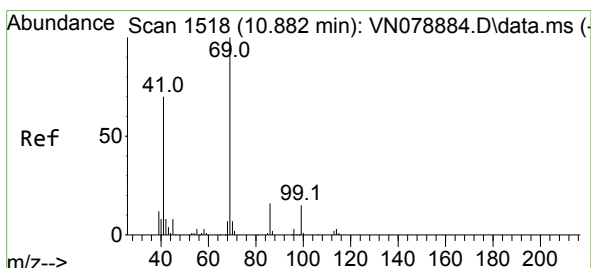
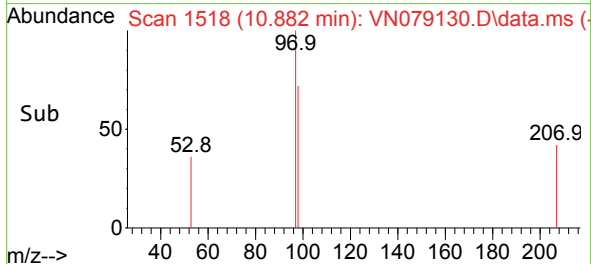
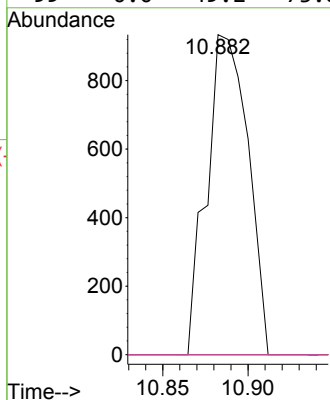


#55
1,1,2-Trichloroethane
Concen: 0.402 ug/l
RT: 10.882 min Scan# 1535
Delta R.T. -0.142 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Instrument :
MSVOA_N
ClientSampleId :

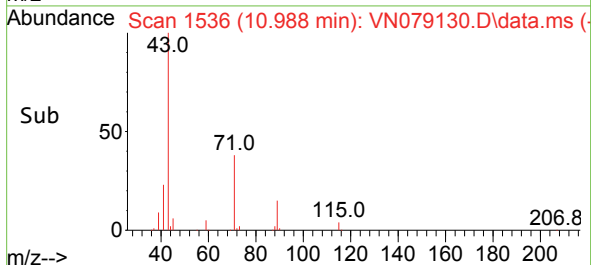
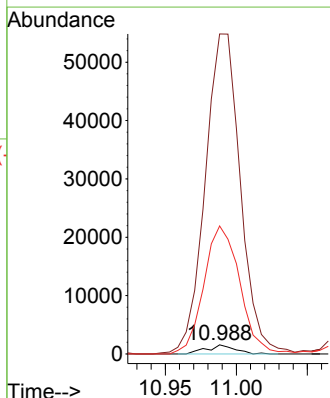
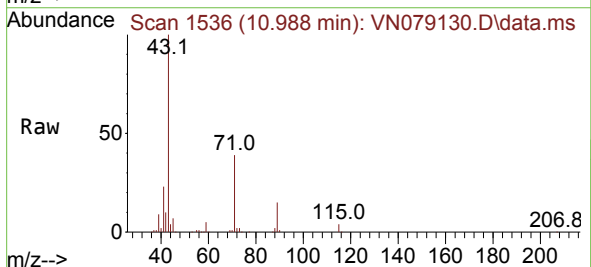


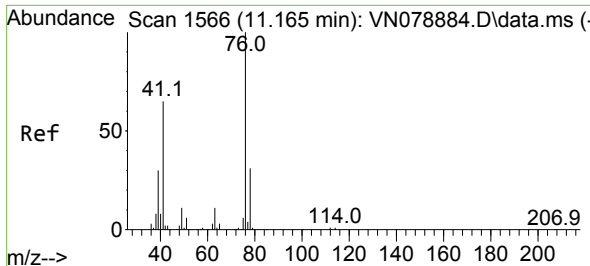
Tgt Ion: 97	Resp: 1573
Ion Ratio	Lower Upper
97	100
83	0.0 65.1 97.7#
85	0.0 43.4 65.2#
99	0.0 49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.358 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.111 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 69	Resp: 2176
Ion Ratio	Lower Upper
69	100
41	4352.3 39.6 59.4#
39	1772.2 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.270 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

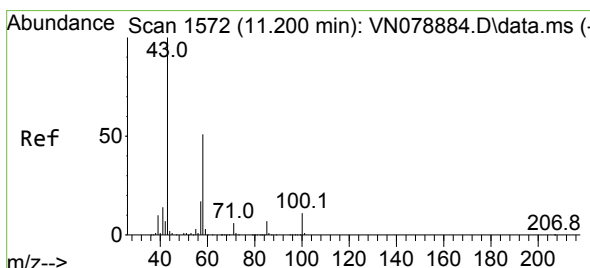
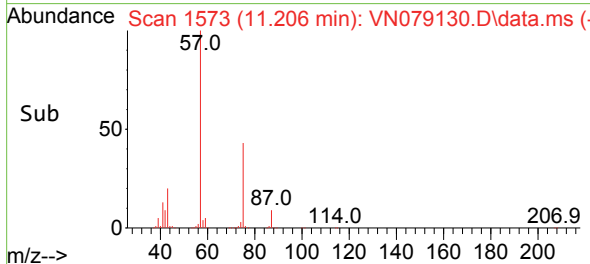
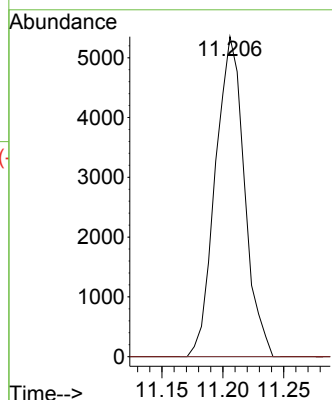
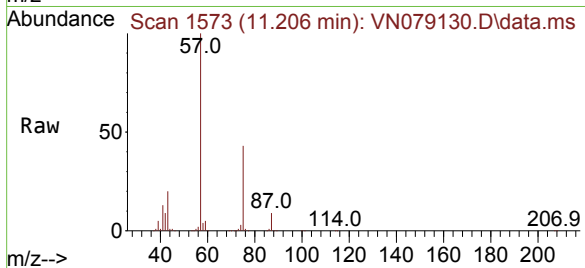
ClientSampleId :

Tgt Ion: 76 Resp: 8896

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 38.537 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN079130.D

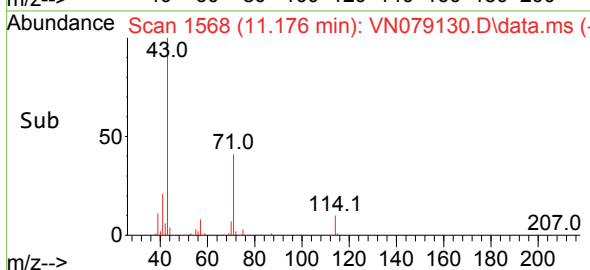
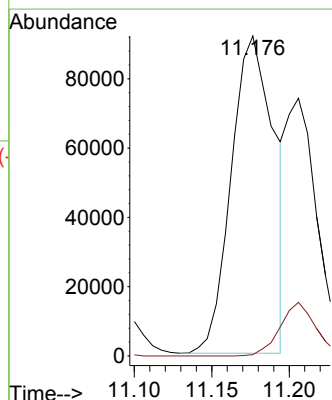
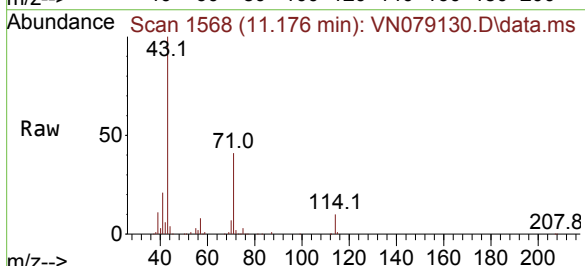
Acq: 01 Sep 2023 18:11

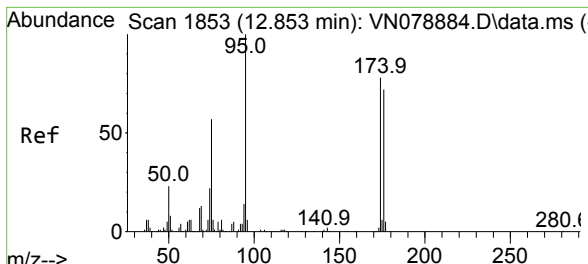
Tgt Ion: 43 Resp: 176217

Ion Ratio Lower Upper

43 100

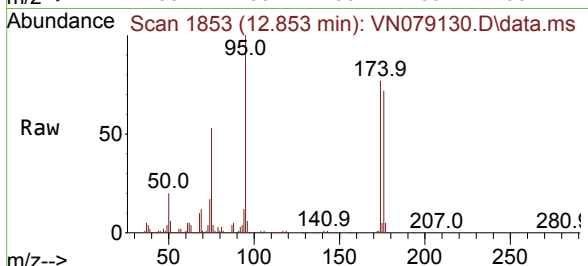
58 0.0 31.7 95.1#



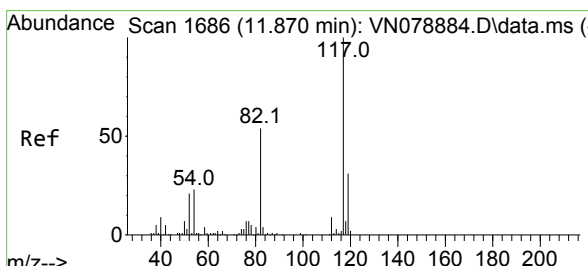
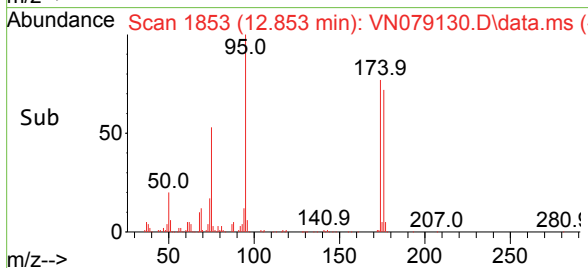
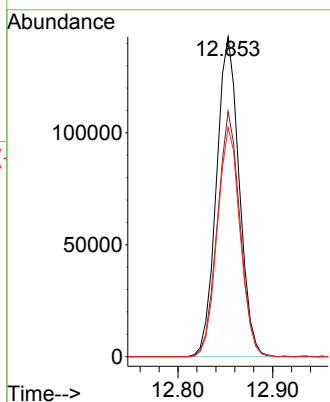


#62
 4-Bromofluorobenzene
 Concen: 54.889 ug/l
 RT: 12.853 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: VN079130.D
 Acq: 01 Sep 2023 18:11

Instrument :
 MSVOA_N
 ClientSampleId :

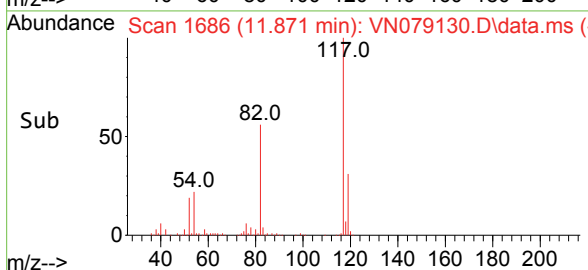
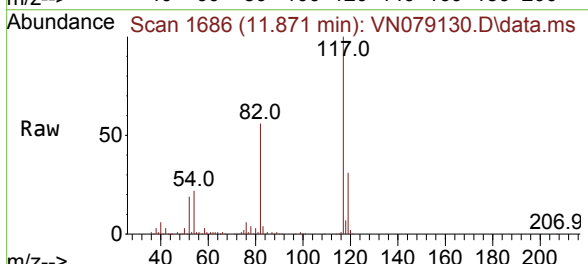
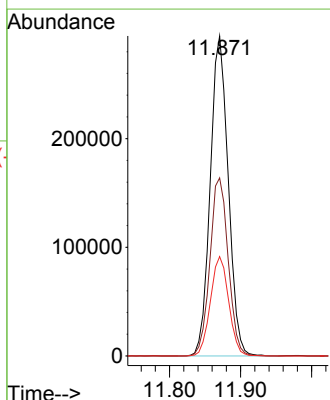


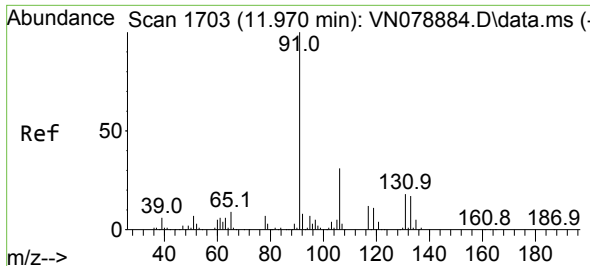
Tgt Ion:	95	Resp:	238373
Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	143.8
176	71.9	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN079130.D
 Acq: 01 Sep 2023 18:11

Tgt Ion:	117	Resp:	516871
Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.0	66.0
119	31.1	25.6	38.4

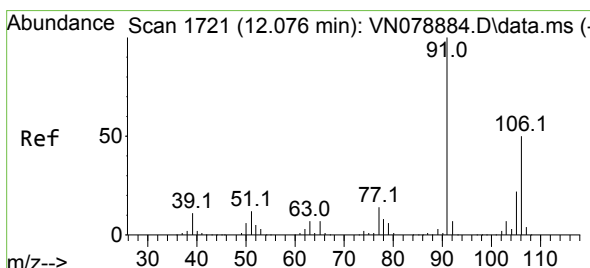
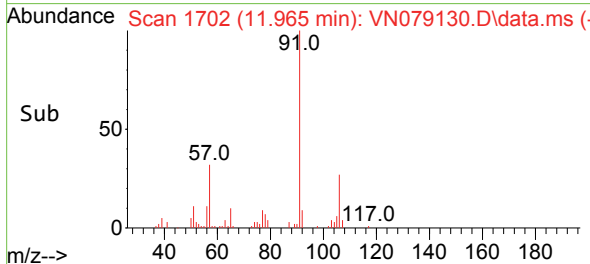
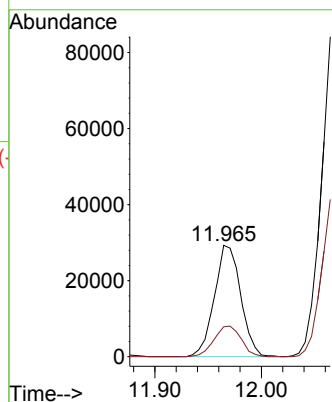
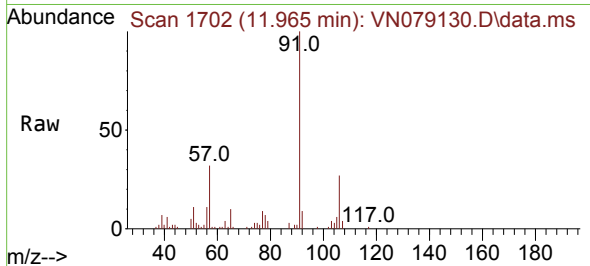




#67
Ethyl Benzene
Concen: 2.511 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

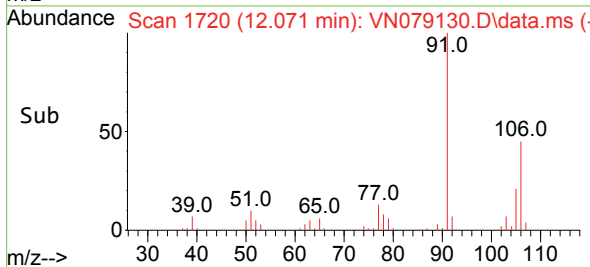
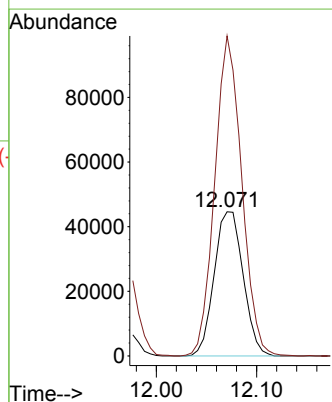
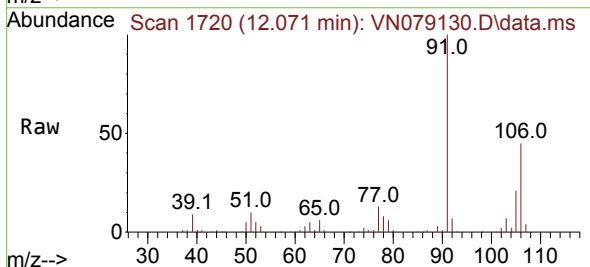
Instrument :
MSVOA_N
ClientSampleId :

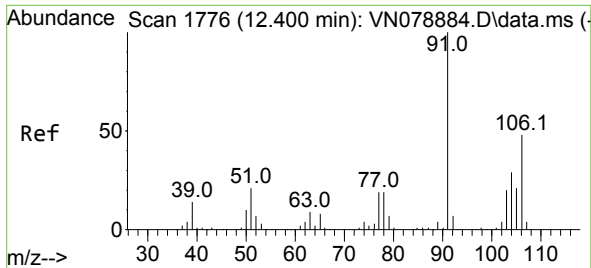
Tgt Ion: 91 Resp: 50241
Ion Ratio Lower Upper
91 100
106 26.9 25.6 38.4



#68
m/p-Xylenes
Concen: 11.974 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 106 Resp: 89576
Ion Ratio Lower Upper
106 100
91 206.9 159.6 239.4

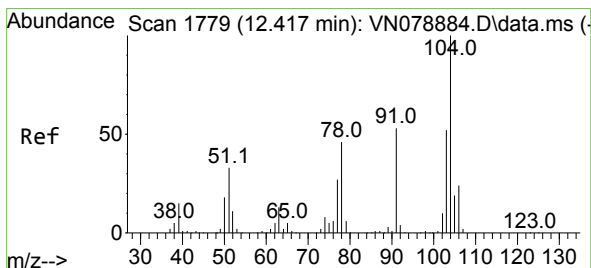
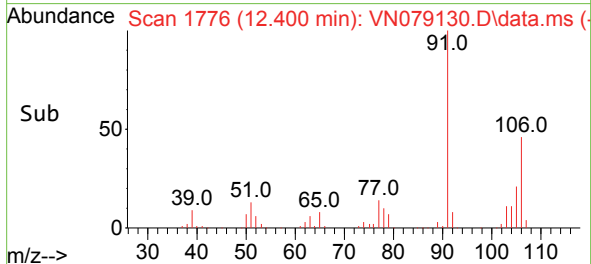
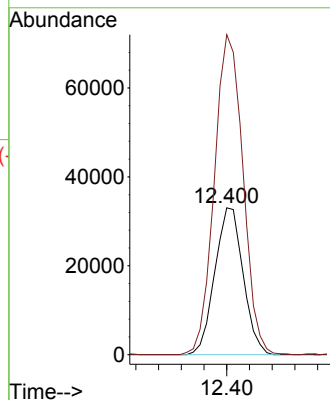
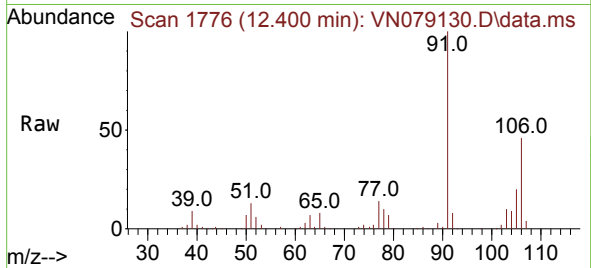




#69
o-Xylene
Concen: 7.856 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

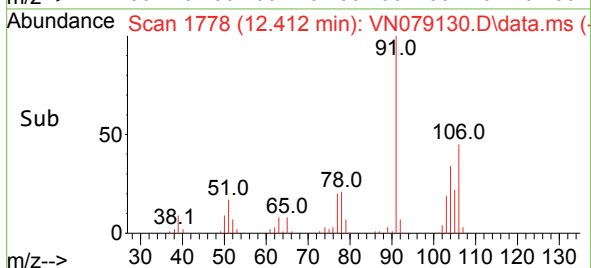
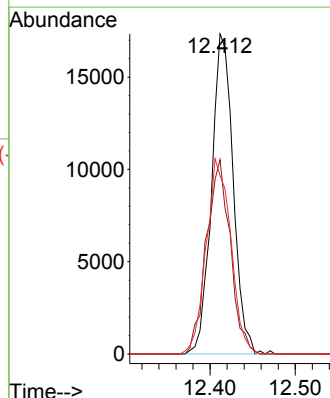
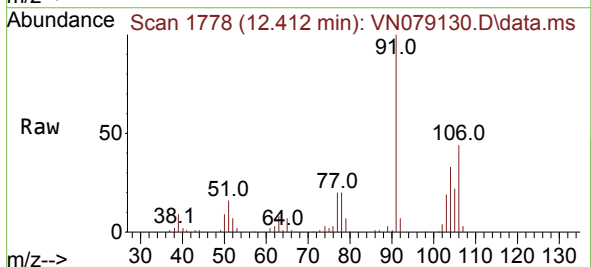
Instrument :
MSVOA_N
ClientSampleId :

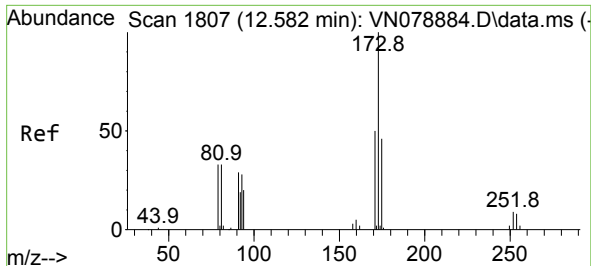
Tgt Ion:106 Resp: 57168
Ion Ratio Lower Upper
106 100
91 220.9 105.2 315.5



#70
Styrene
Concen: 2.517 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion:104 Resp: 30542
Ion Ratio Lower Upper
104 100
78 66.8 39.5 59.3#
103 69.4 43.2 64.8#

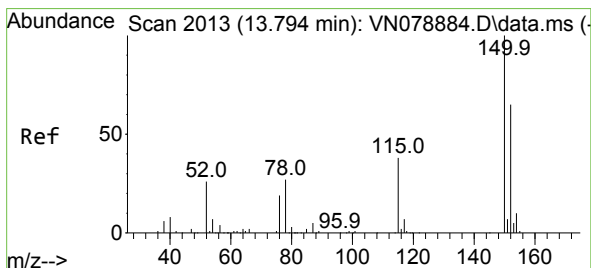
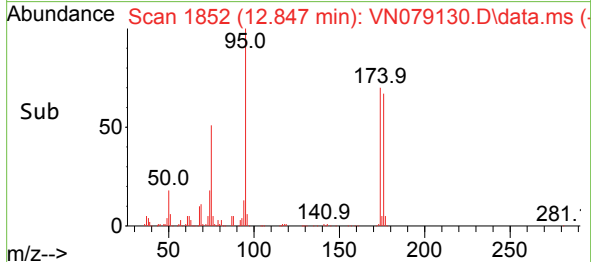
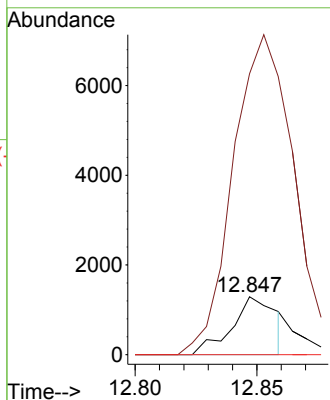
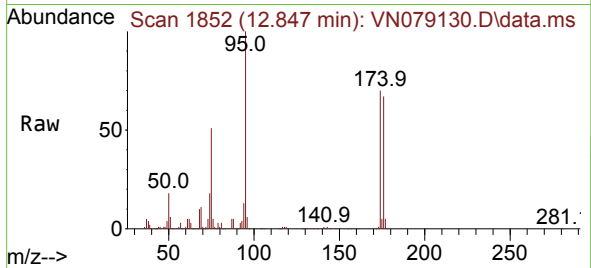




#71
Bromoform
Concen: 0.542 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

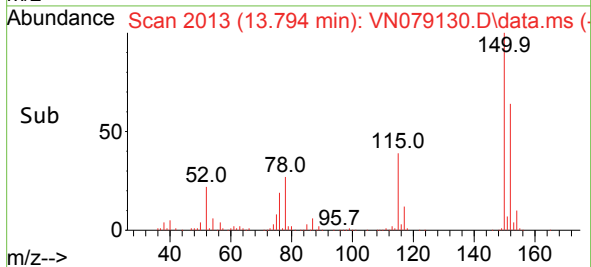
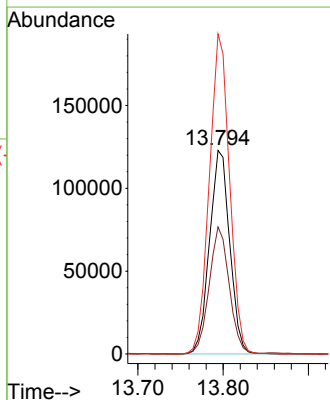
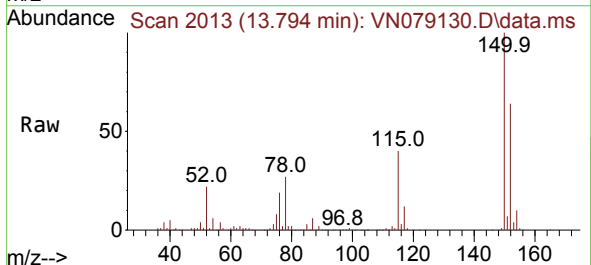
Instrument :
MSVOA_N
ClientSampleId :

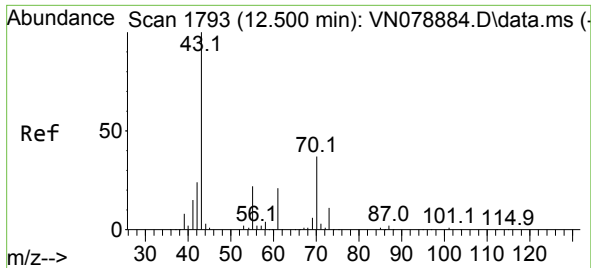
Tgt Ion:173 Resp: 1637
Ion Ratio Lower Upper
173 100
175 586.7 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion:152 Resp: 202281
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.1 0.0 355.8

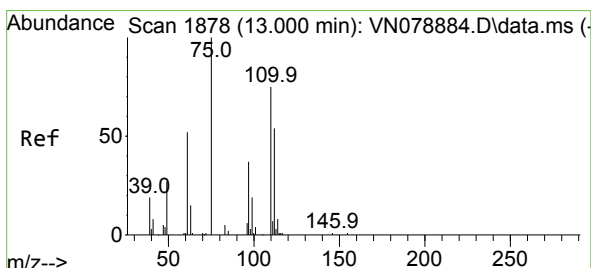
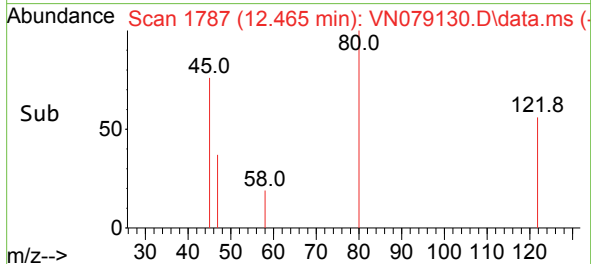
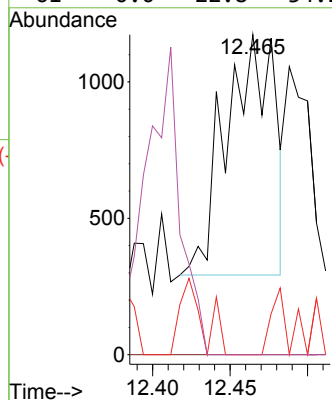
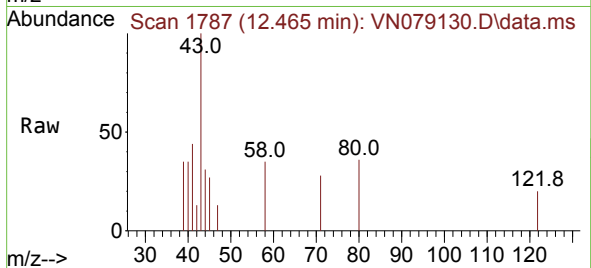




#74
N-amy1 acetate
Concen: 0.224 ug/l
RT: 12.465 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

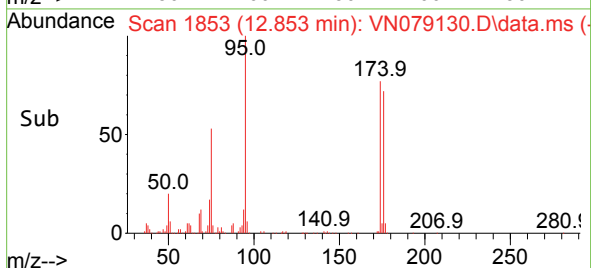
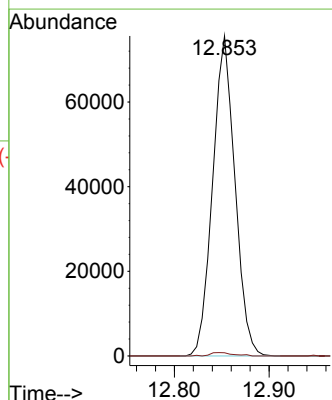
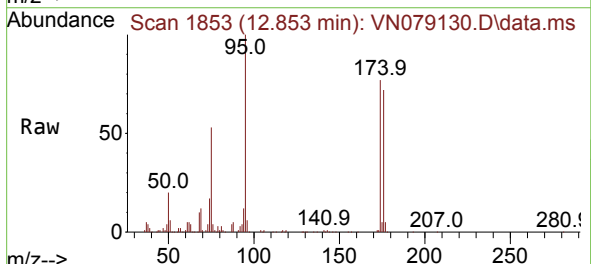
Instrument :
MSVOA_N
ClientSampleId :

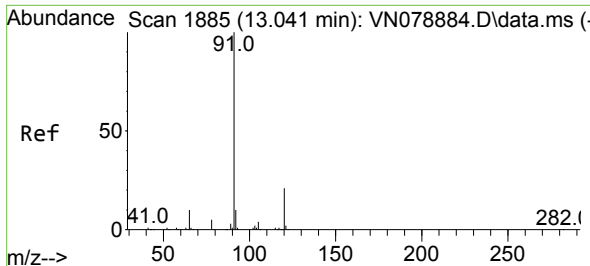
Tgt Ion: 43	Resp: 1903
Ion Ratio	Lower Upper
43 100	
70 0.0	43.4 65.2#
55 7.3	21.4 32.0#
61 0.0	22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 25.374 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 75	Resp: 123672
Ion Ratio	Lower Upper
75 100	
77 1.1	84.5 253.5#

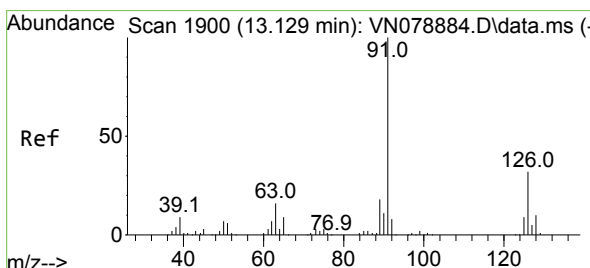
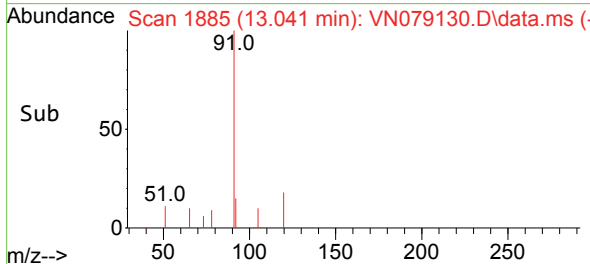
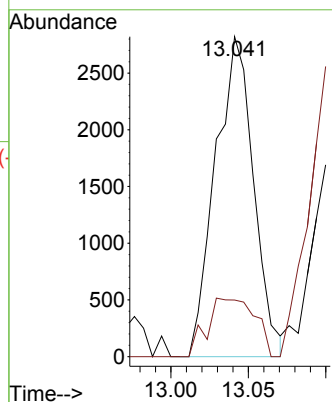
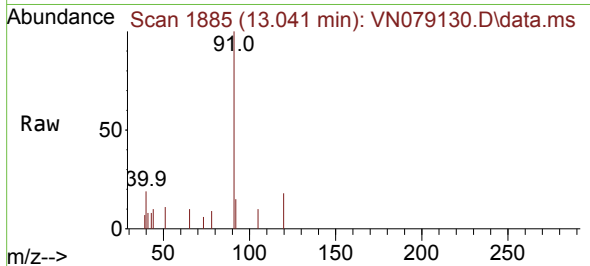




#78
n-propylbenzene
Concen: 0.247 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

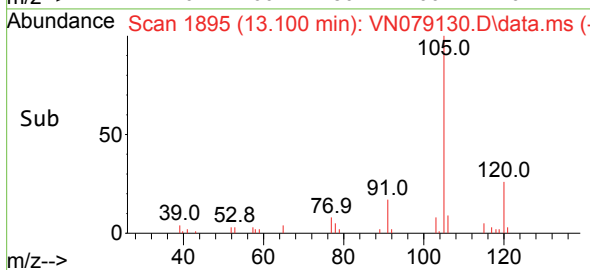
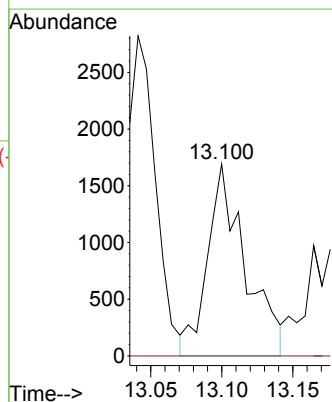
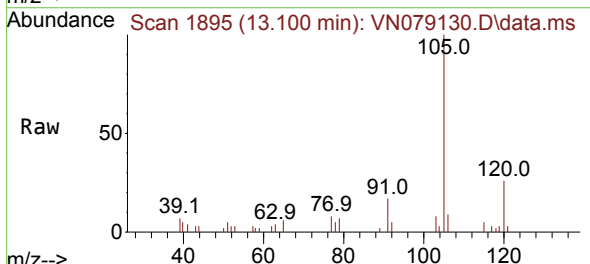
Instrument :
MSVOA_N
ClientSampleId :

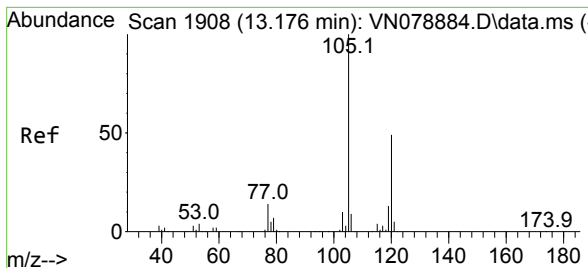
Tgt Ion: 91 Resp: 4827
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.257 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 91 Resp: 3116
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.976 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

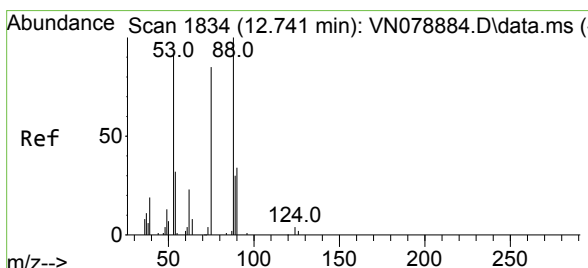
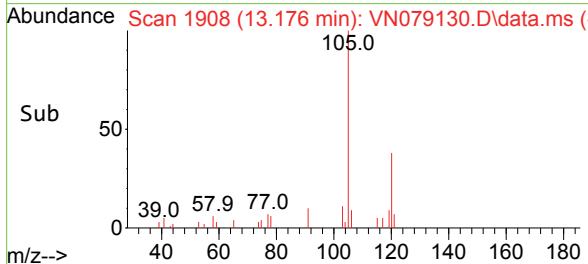
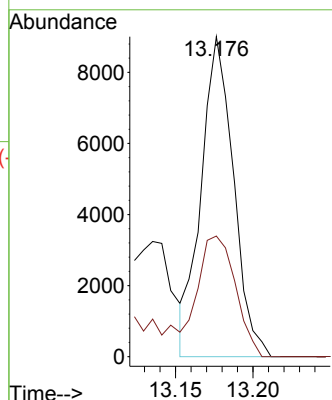
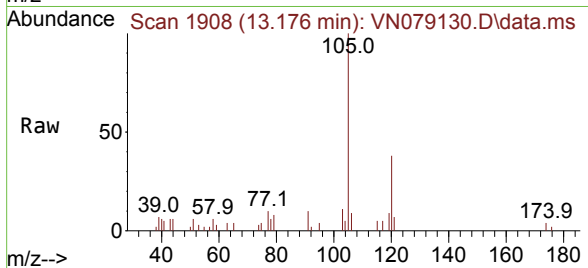
ClientSampleId :

Tgt Ion:105 Resp: 13047

Ion Ratio Lower Upper

105 100

120 44.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 64.819 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

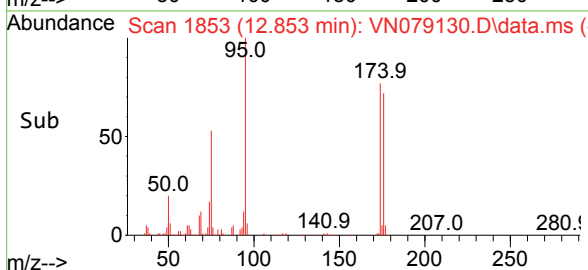
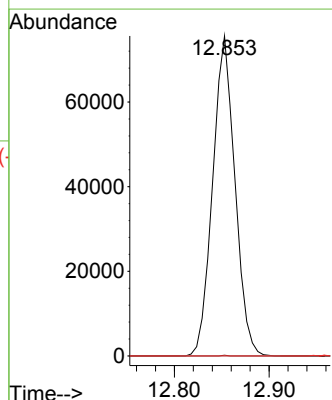
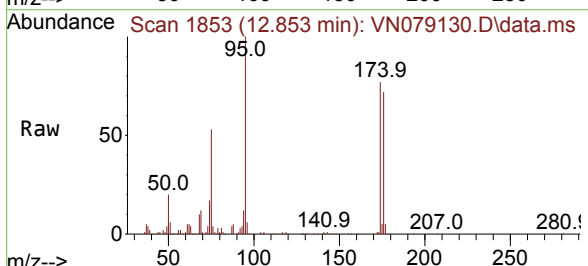
Tgt Ion: 75 Resp: 123672

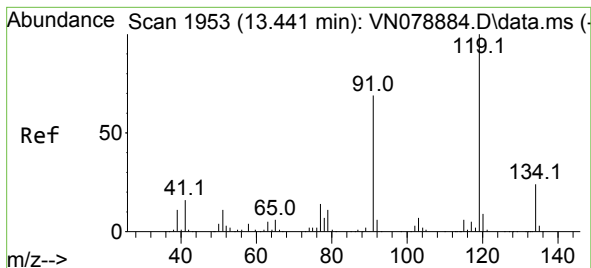
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#83

tert-Butylbenzene

Concen: 0.376 ug/l

RT: 13.482 min Scan# 1953

Delta R.T. 0.041 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

ClientSampleId :

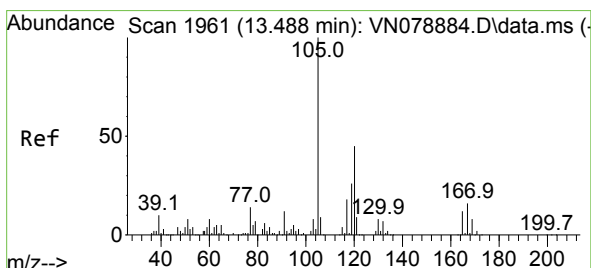
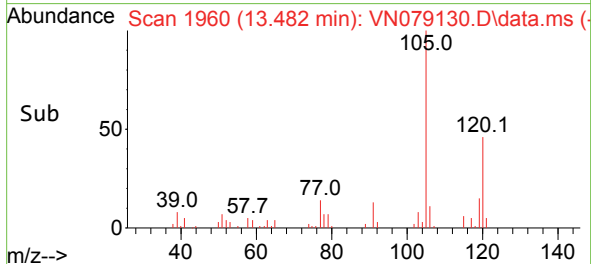
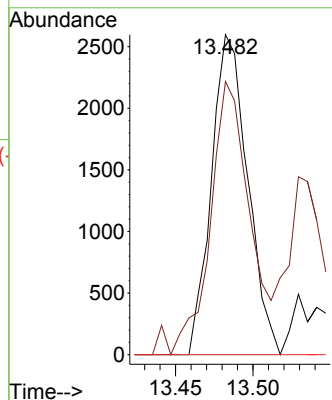
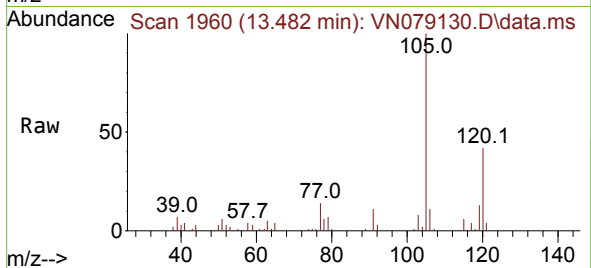
Tgt Ion:119 Resp: 4218

Ion Ratio Lower Upper

119 100

91 91.7 33.9 101.7

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 3.006 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079130.D

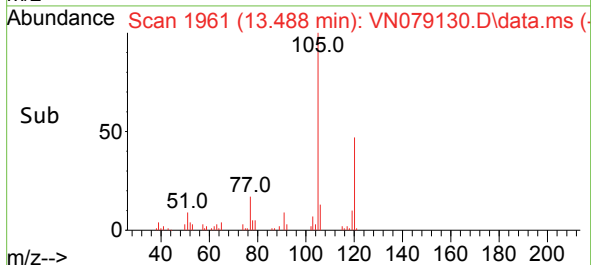
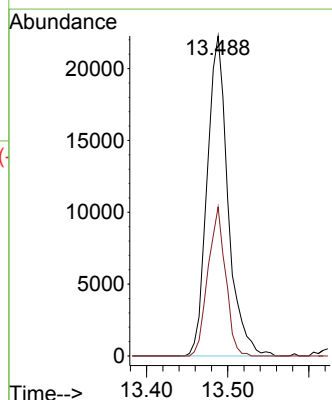
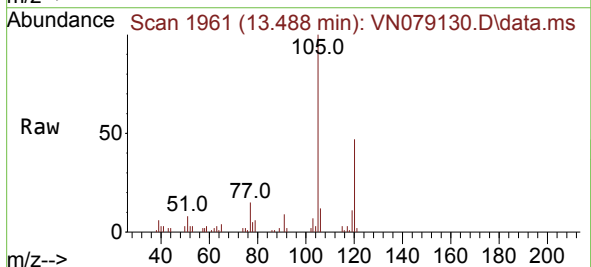
Acq: 01 Sep 2023 18:11

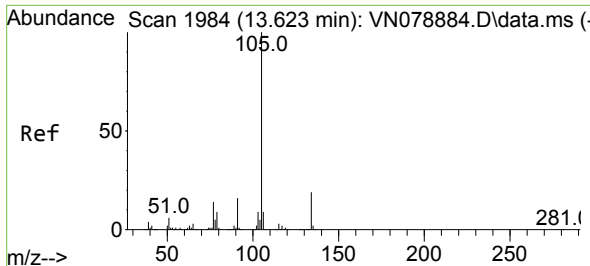
Tgt Ion:105 Resp: 39783

Ion Ratio Lower Upper

105 100

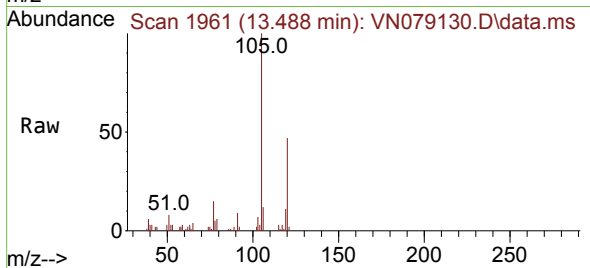
120 39.1 22.0 66.0



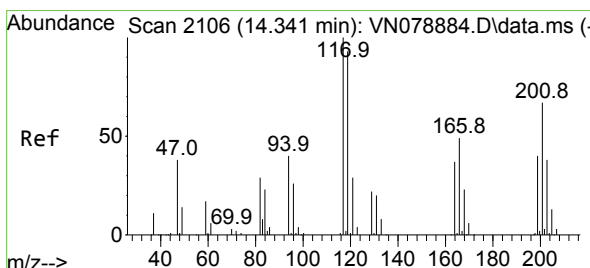
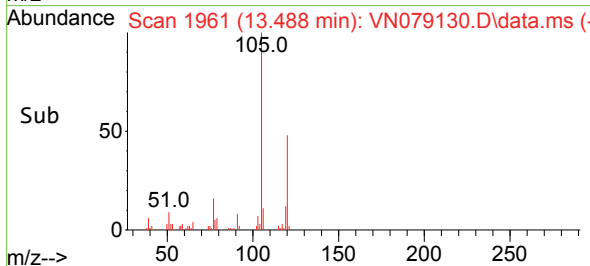
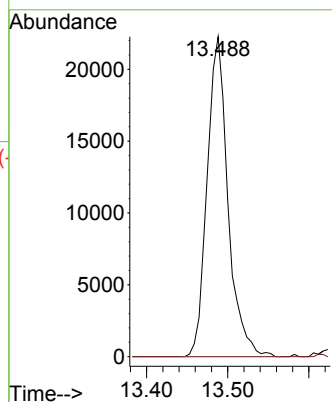


#85
 sec-Butylbenzene
 Concen: 2.574 ug/l
 RT: 13.488 min Scan# 1984
 Delta R.T. -0.135 min
 Lab File: VN079130.D
 Acq: 01 Sep 2023 18:11

Instrument :
 MSVOA_N
 ClientSampleId :

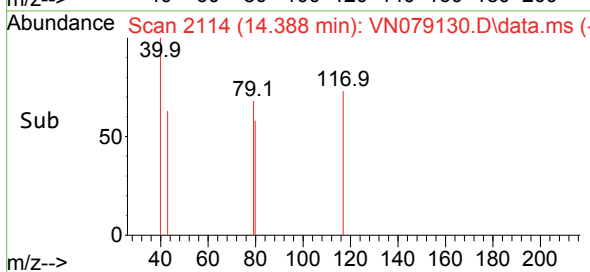
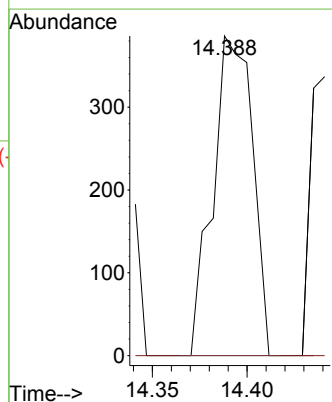
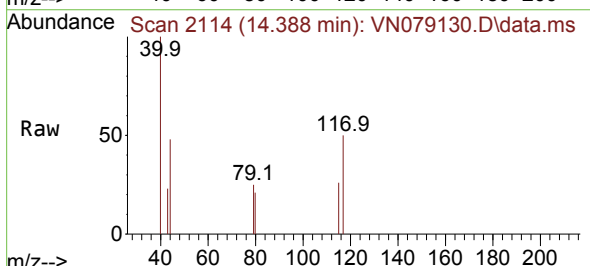


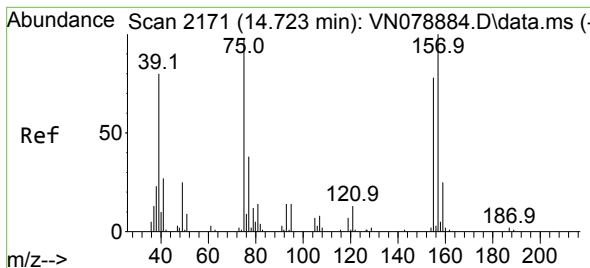
Tgt Ion:105 Resp: 39783
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#90
 Hexachloroethane
 Concen: 0.227 ug/l
 RT: 14.388 min Scan# 2114
 Delta R.T. 0.053 min
 Lab File: VN079130.D
 Acq: 01 Sep 2023 18:11

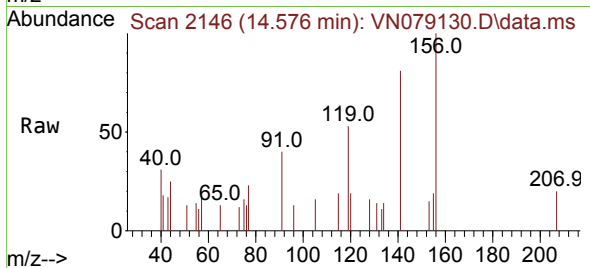
Tgt Ion:117 Resp: 563
 Ion Ratio Lower Upper
 117 100
 201 0.0 29.3 88.0#



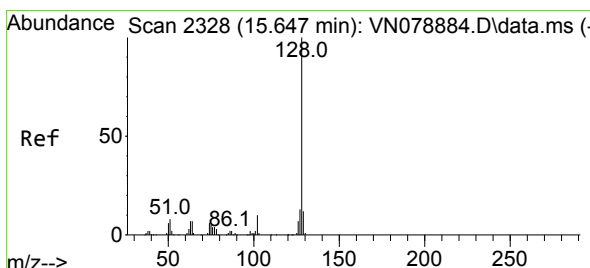
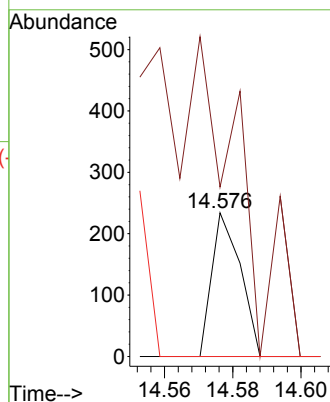
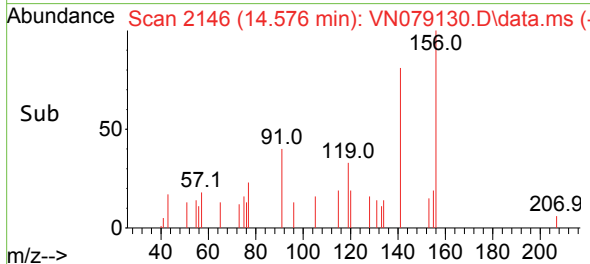


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.576 min Scan# 2171
Delta R.T. -0.147 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 136
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 36.619 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion:128 Resp: 334574
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.1 8.7 13.1

