

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079030.D
 Acq On : 24 Aug 2023 14:41
 Operator : JC\MD
 Sample : 04047-01 20X
 Misc : 7.07g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 01:14:31 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	219837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	415633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	394789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	166712	48.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.460%
35) Dibromofluoromethane	8.177	113	140055	50.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.120%
50) Toluene-d8	10.571	98	504077	48.522	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.853	95	199876	58.863	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	1139	0.267	ug/l #	42
5) Bromomethane	2.953	94	666	0.311	ug/l #	62
11) Tert butyl alcohol	5.489	59	1699	2.960	ug/l #	72
16) Acetone	4.436	43	486	0.344	ug/l	90
18) Methyl Acetate	5.030	43	2217	0.372	ug/l #	47
20) Methylene Chloride	5.294	84	957	0.318	ug/l #	57
25) 2-Butanone	7.506	43	456	0.202	ug/l #	37
31) Cyclohexane	8.230	56	18911	1.891	ug/l #	65
36) 1,1-Dichloropropene	8.224	75	19377	4.604	ug/l #	47
38) Carbon Tetrachloride	8.230	117	24238	5.748	ug/l #	14
39) Methylcyclohexane	9.600	83	49347	12.749	ug/l #	88
40) Benzene	8.612	78	2202424	177.047	ug/l	100
42) 1,2-Dichloroethane	8.612	62	19883	4.278	ug/l #	73
43) Isopropyl Acetate	8.718	43	6805	0.818	ug/l #	49
48) Methyl methacrylate	9.600	41	31122	8.252	ug/l #	57
51) 4-Methyl-2-Pentanone	10.347	43	16585	3.360	ug/l #	34
52) Toluene	10.635	92	20139	2.637	ug/l	92
55) 1,1,2-Trichloroethane	11.006	97	5624	1.836	ug/l #	26
59) 2-Hexanone	11.176	43	6199	1.734	ug/l #	21
67) Ethyl Benzene	11.970	91	4065486	266.028	ug/l	98
68) m/p-Xylenes	12.076	106	825476	144.473	ug/l	97
69) o-Xylene	12.400	106	441211	79.381	ug/l	97
70) Styrene	12.400	104	24612	2.656	ug/l #	1
71) Bromoform	12.853	173	1114	0.482	ug/l #	1
73) Isopropylbenzene	12.700	105	261794	15.867	ug/l	100
74) N-amyl acetate	12.482	43	6437	0.773	ug/l #	49
76) 1,2,3-Trichloropropane	13.100	75	8076	1.694	ug/l #	1
78) n-propylbenzene	13.041	91	110825	5.792	ug/l	99
79) 2-Chlorotoluene	13.135	91	99266	8.364	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	255323	19.527	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.700	75	3463	1.855	ug/l #	37
82) 4-Chlorotoluene	13.176	91	29065	2.503	ug/l #	41
83) tert-Butylbenzene	13.488	119	121117	11.025	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.488	105	928810	71.739	ug/l	97
85) sec-Butylbenzene	13.488	105	928810	61.433	ug/l #	57
86) p-Isopropyltoluene	13.676	119	127457	10.552	ug/l	96

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

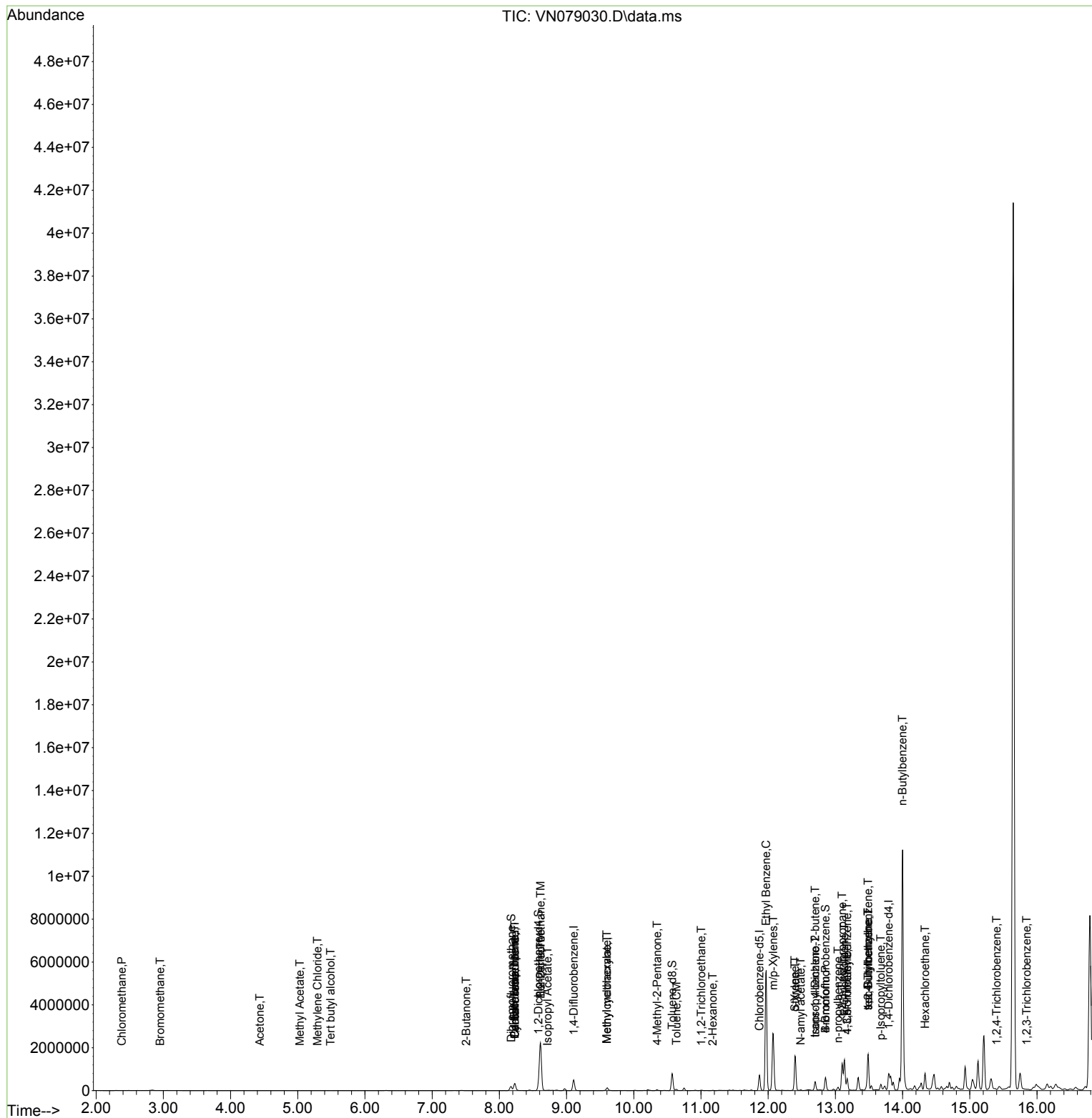
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.000	91	1094616	110.114	ug/l #	43
90) Hexachloroethane	14.335	117	48372	19.977	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1818	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	15.400	180	946	0.393	ug/l #	78
94) Hexachlorobutadiene	15.500	225	71	Below Cal	#	19
96) 1,2,3-Trichlorobenzene	15.847	180	1257	0.477	ug/l #	37

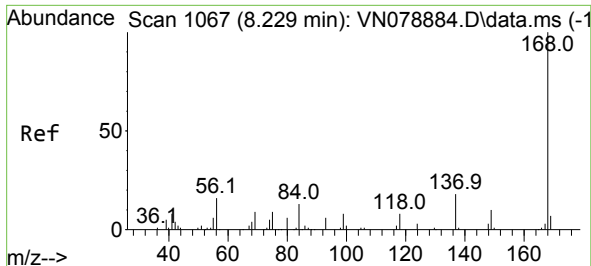
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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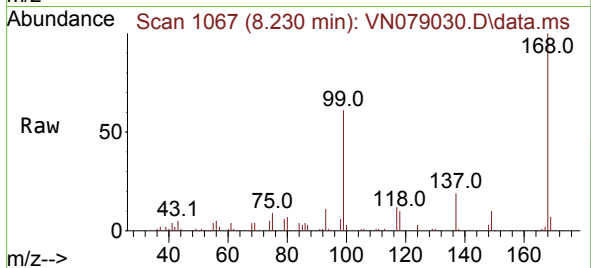
Quant Time: Aug 25 01:14:31 2023
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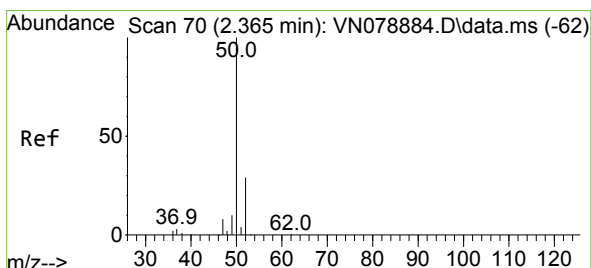
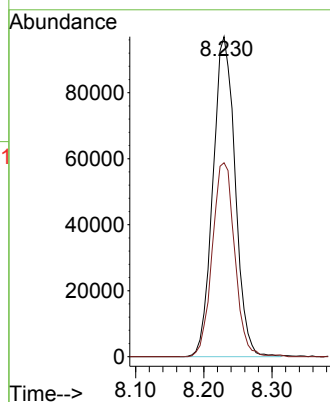
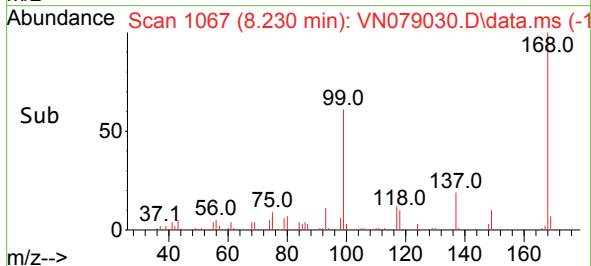


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :

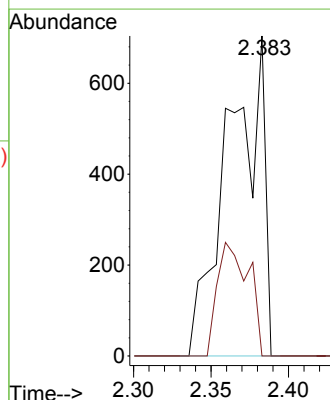
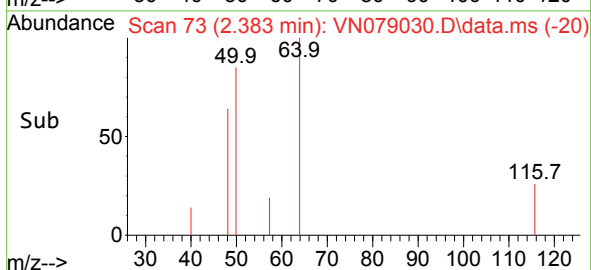
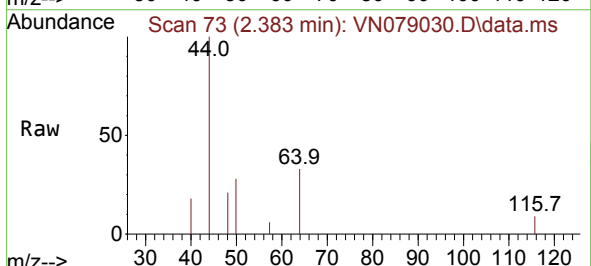


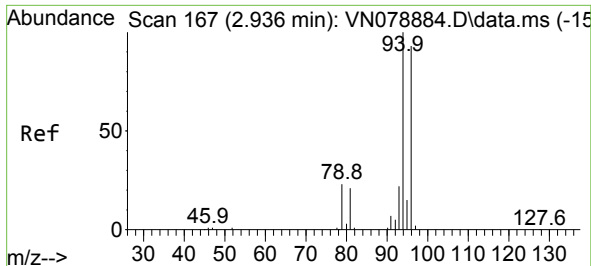
Tgt Ion:168 Resp: 219837
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.012 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 50 Resp: 1139
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

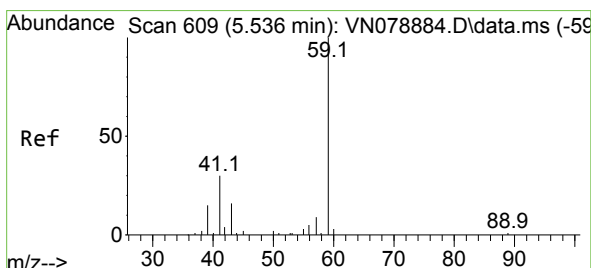
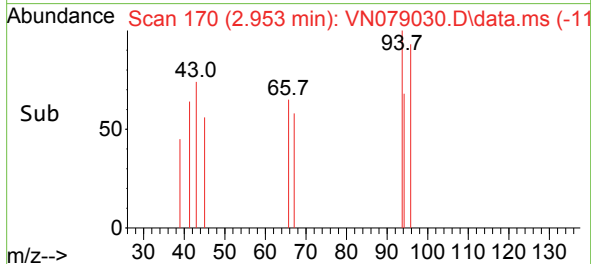
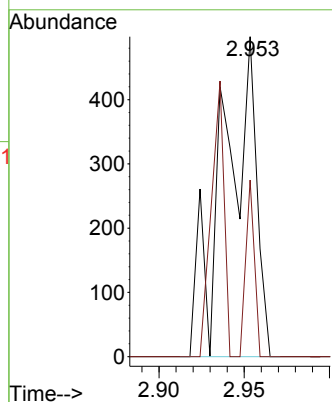
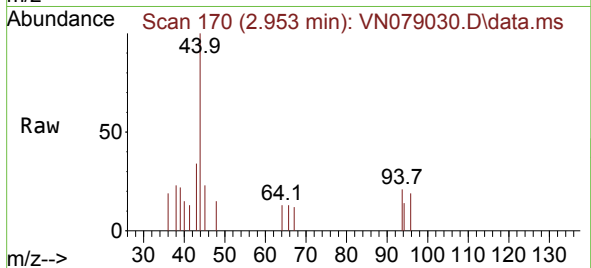




#5
Bromomethane
Concen: 0.311 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

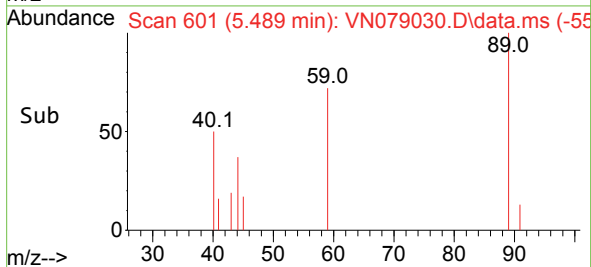
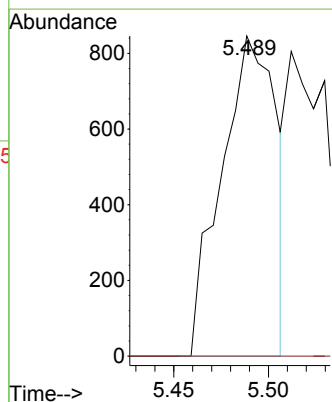
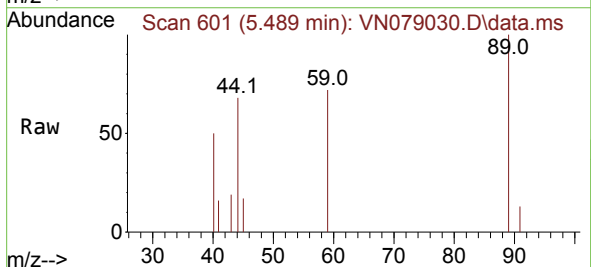
Instrument :
MSVOA_N
ClientSampleId :

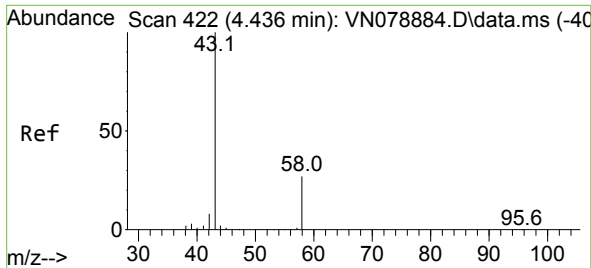
Tgt Ion: 94 Resp: 666
Ion Ratio Lower Upper
94 100
96 55.2 73.1 109.7#



#11
Tert butyl alcohol
Concen: 2.960 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.053 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 59 Resp: 1699
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

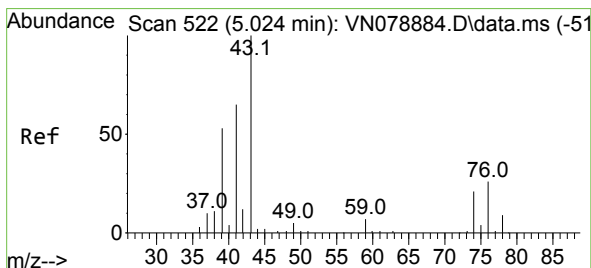
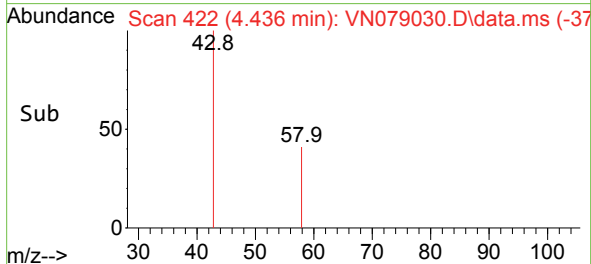
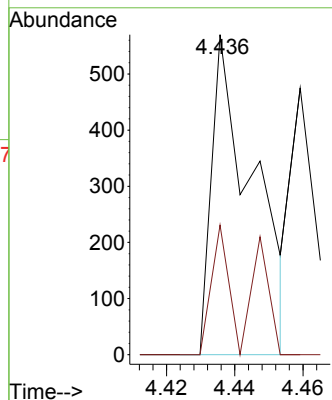
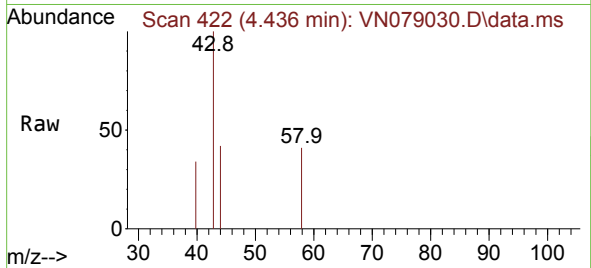




#16
Acetone
Concen: 0.344 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

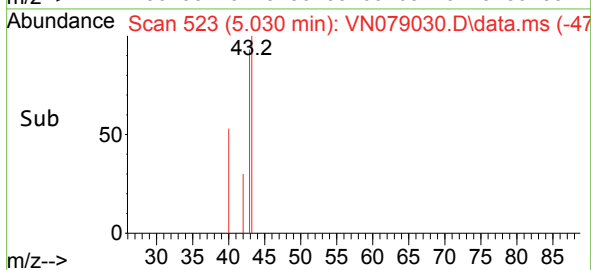
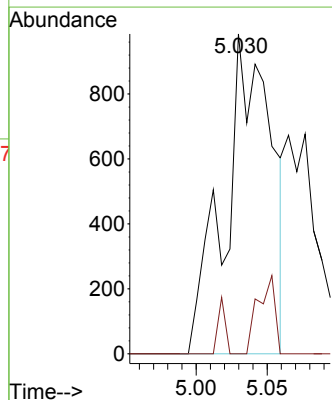
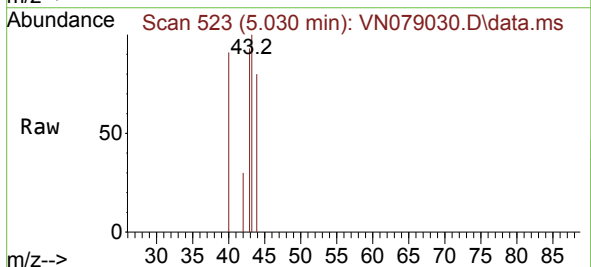
Instrument :
MSVOA_N
ClientSampleId :

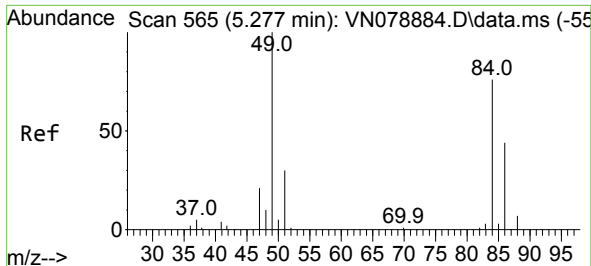
Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 40.5 28.0 42.0



#18
Methyl Acetate
Concen: 0.372 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

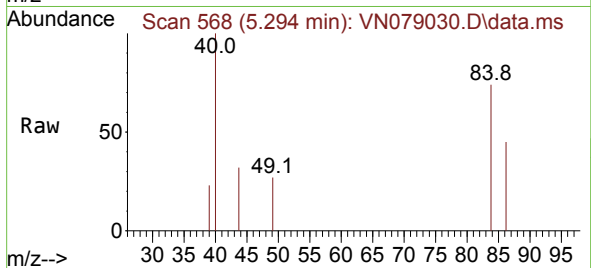
Tgt Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
74 2.8 26.2 39.4#



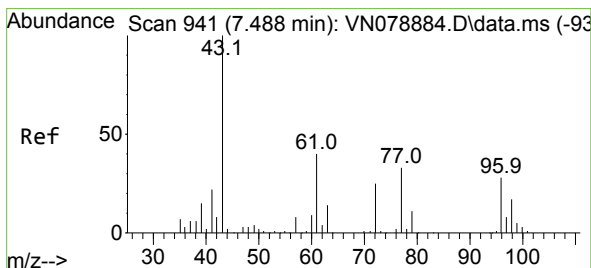
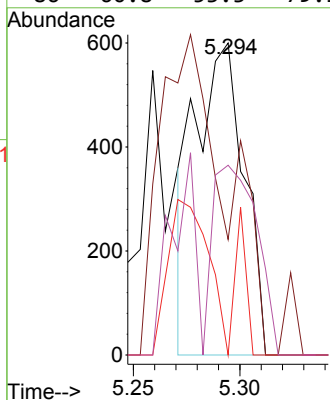
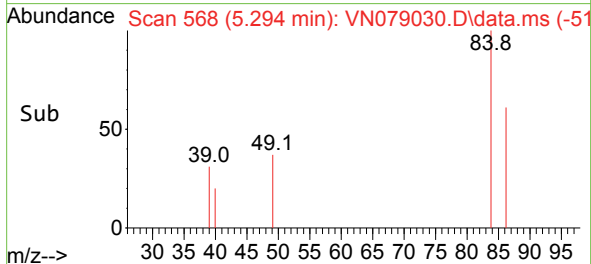


#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :

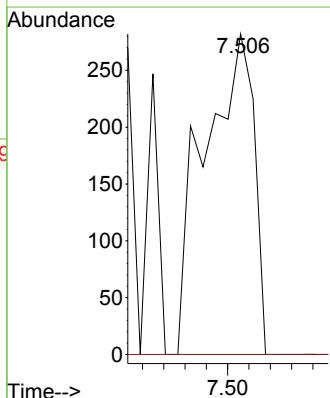
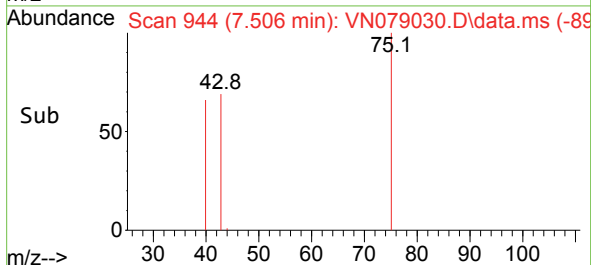
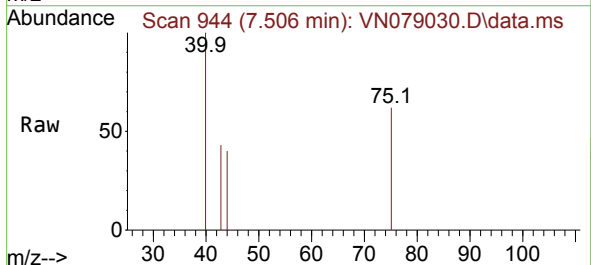


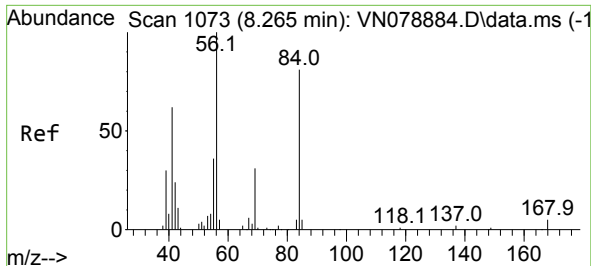
Tgt Ion: 84 Resp: 957
Ion Ratio Lower Upper
84 100
49 37.0 79.7 119.5#
51 0.0 25.2 37.8#
86 60.8 53.3 79.9



#25
2-Butanone
Concen: 0.202 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

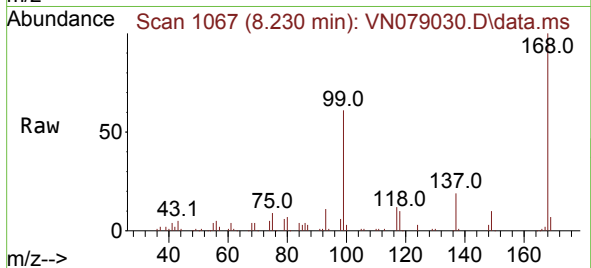
Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



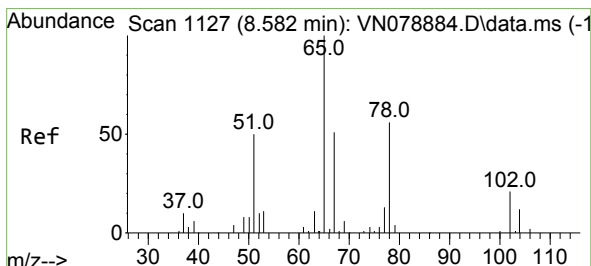
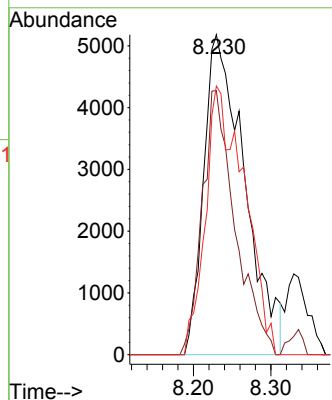
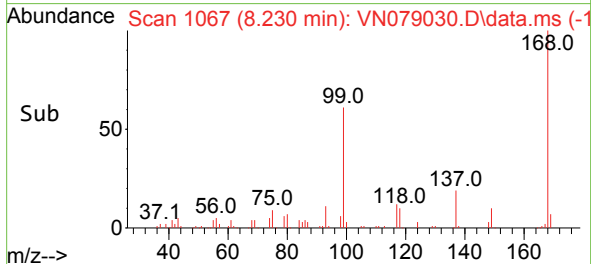


#31
Cyclohexane
Concen: 1.891 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Instrument :
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ClientSampleId :

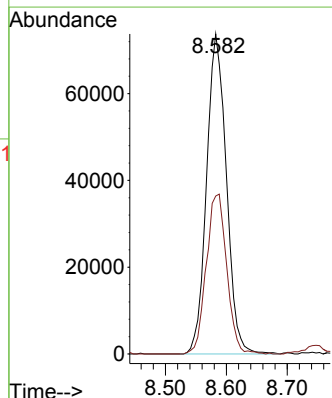
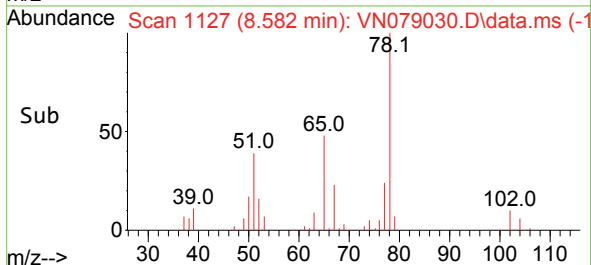
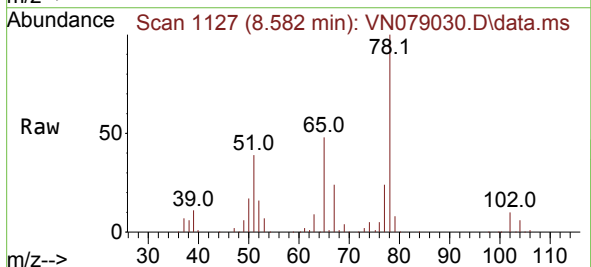


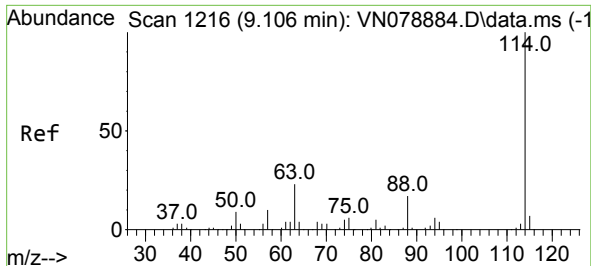
Tgt Ion: 56 Resp: 18911
Ion Ratio Lower Upper
56 100
69 82.5 26.8 40.2#
84 84.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.734 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 65 Resp: 166712
Ion Ratio Lower Upper
65 100
67 51.7 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: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

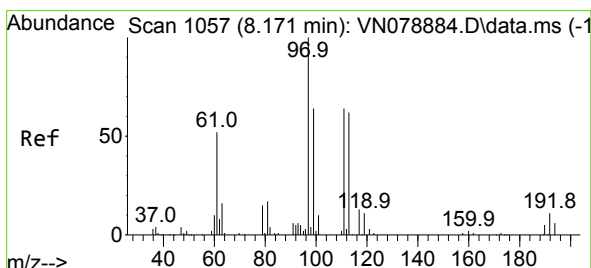
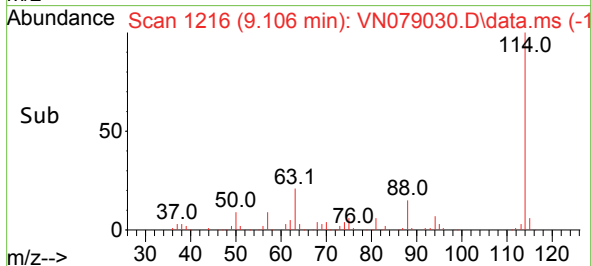
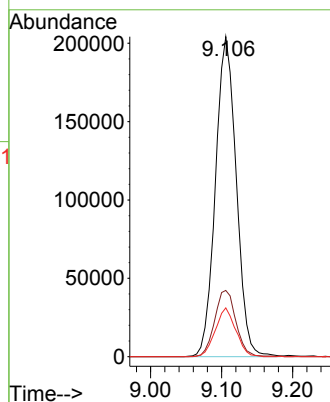
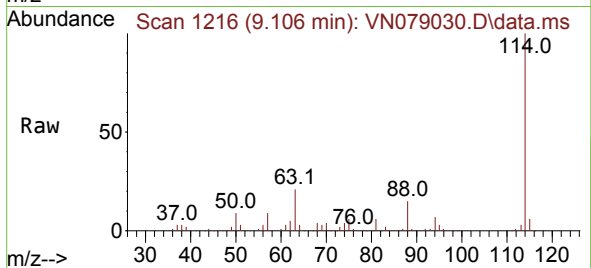
Tgt Ion:114 Resp: 415633

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.059 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

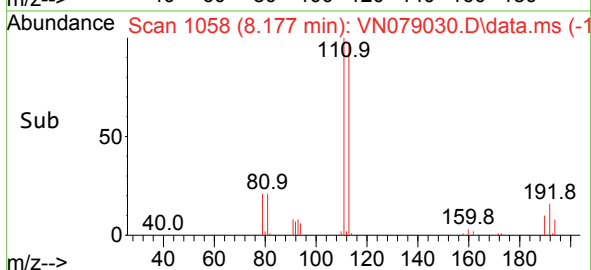
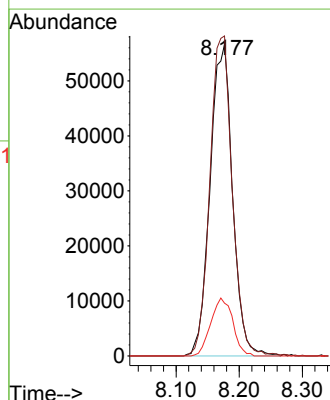
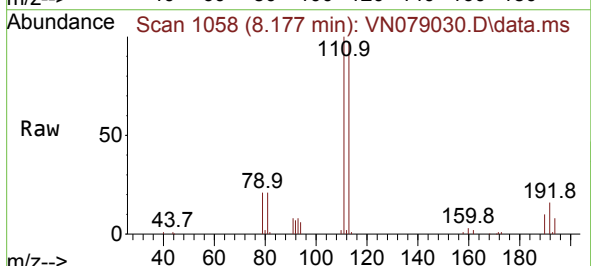
Tgt Ion:113 Resp: 140055

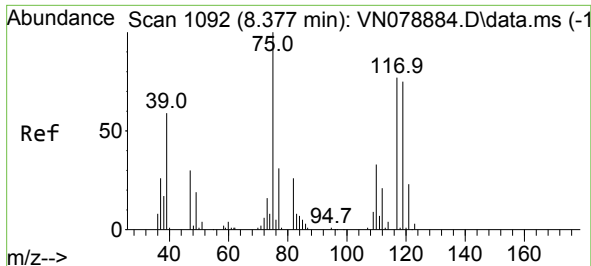
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

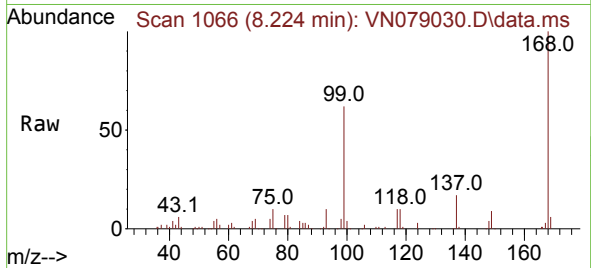
192 18.2 12.7 19.1



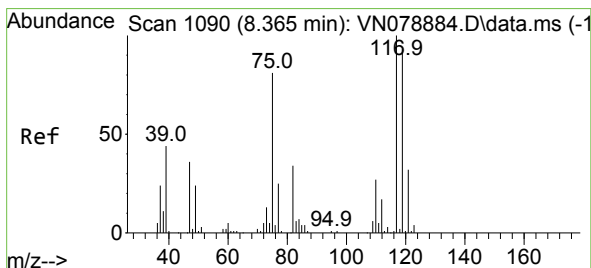
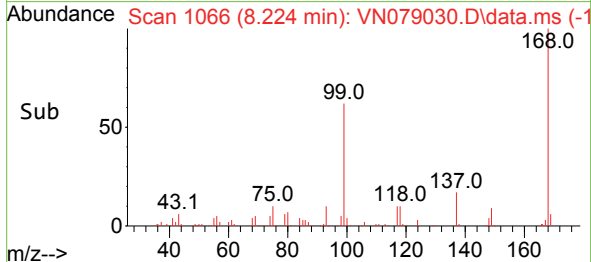
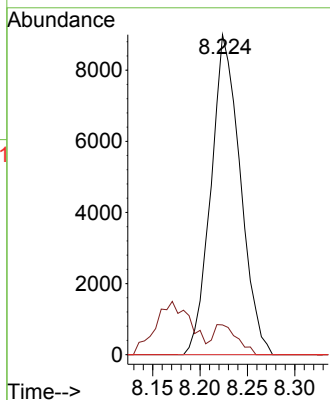


#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :

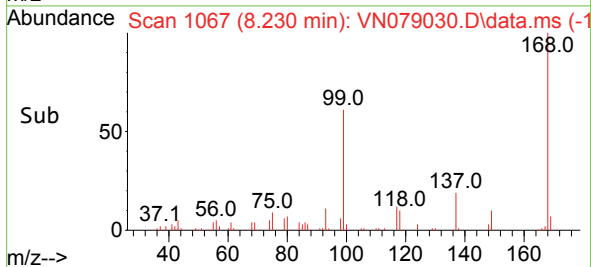
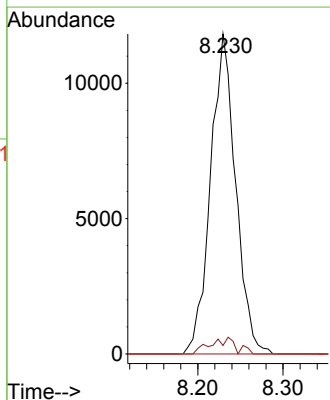
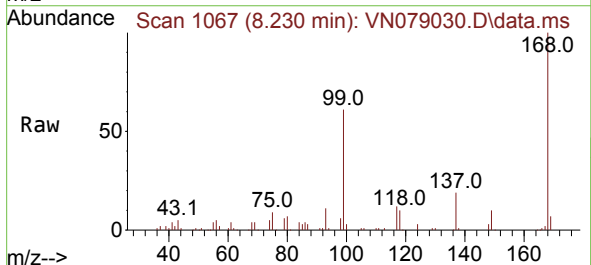


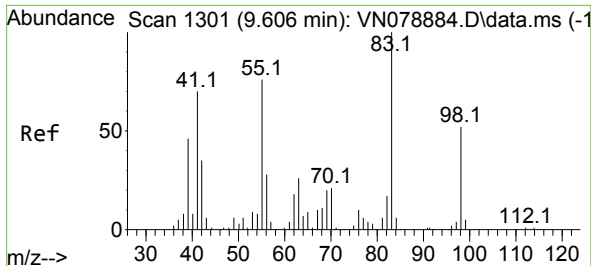
Tgt Ion: 75 Resp: 19377
Ion Ratio Lower Upper
75 100
110 7.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 117 Resp: 24238
Ion Ratio Lower Upper
117 100
119 2.6 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 12.749 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

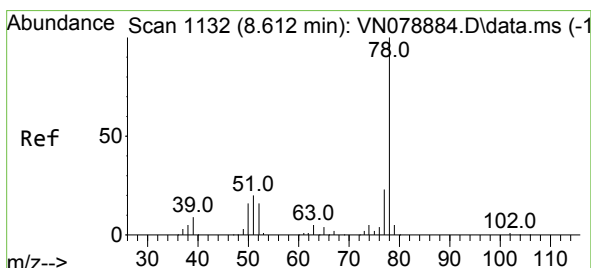
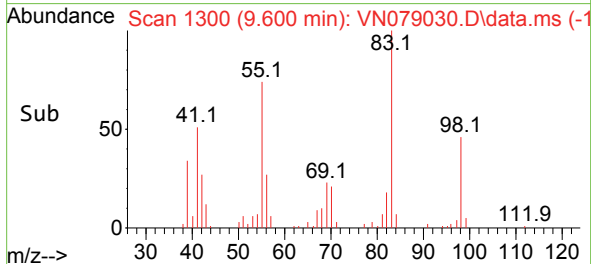
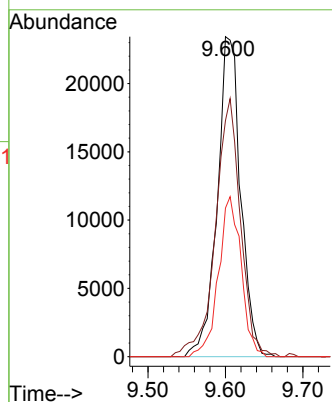
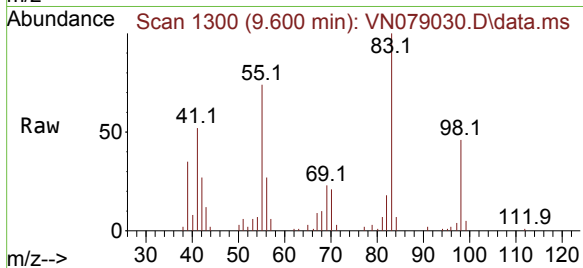
Tgt Ion: 83 Resp: 49347

Ion Ratio Lower Upper

83 100

55 73.8 49.1 73.7#

98 46.4 40.6 61.0



#40

Benzene

Concen: 177.047 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079030.D

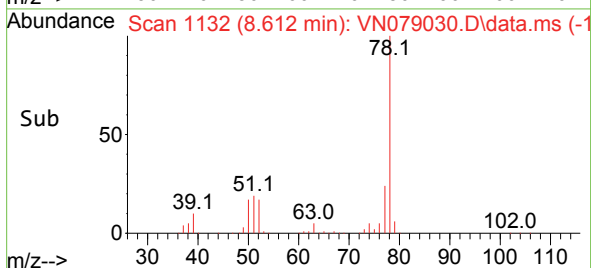
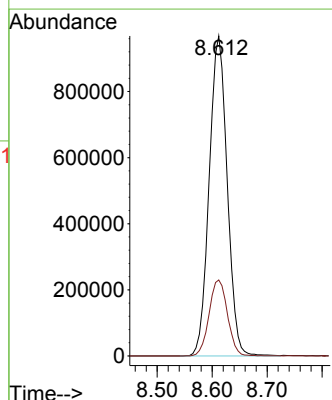
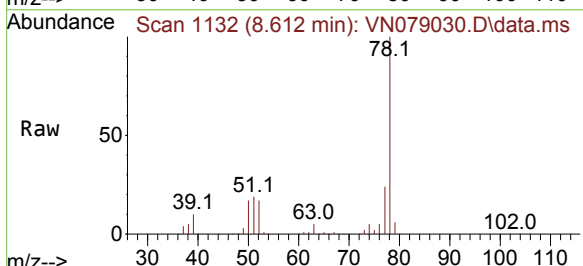
Acq: 24 Aug 2023 14:41

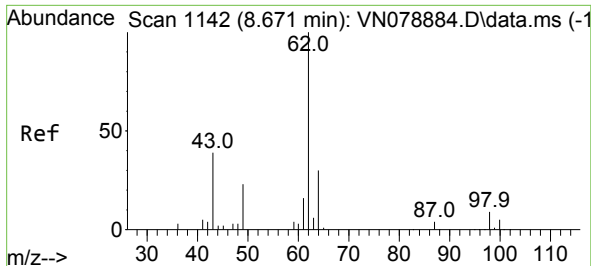
Tgt Ion: 78 Resp: 2202424

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





#42

1,2-Dichloroethane

Concen: 4.278 ug/l

RT: 8.612 min Scan# 1150

Delta R.T. -0.065 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

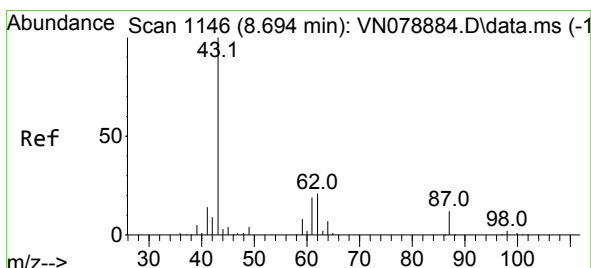
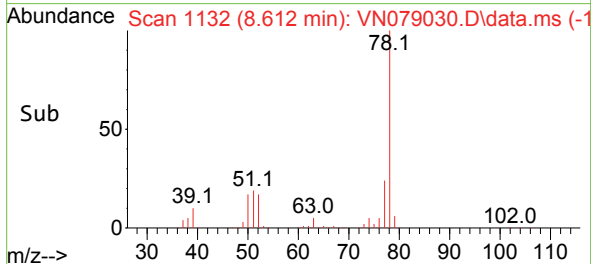
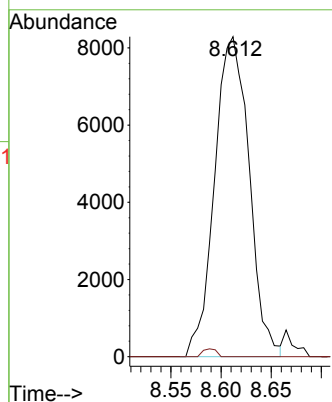
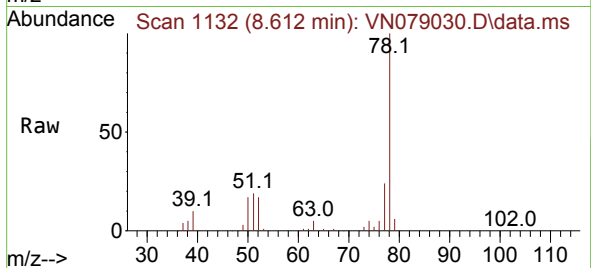
ClientSampleId :

Tgt Ion: 62 Resp: 19883

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.818 ug/l

RT: 8.718 min Scan# 1150

Delta R.T. 0.024 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

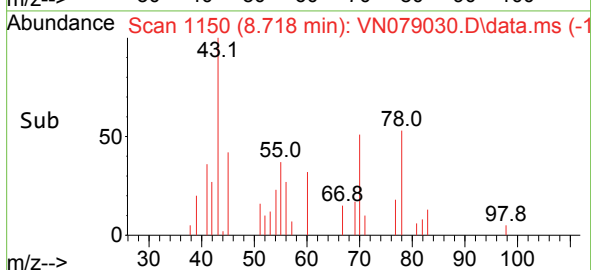
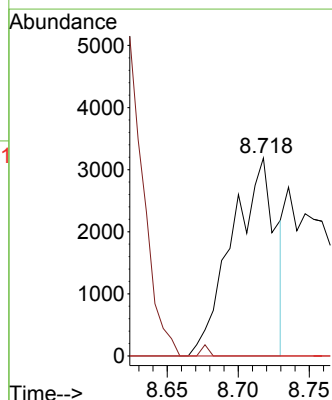
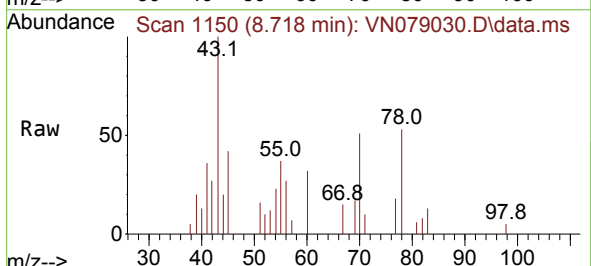
Tgt Ion: 43 Resp: 6805

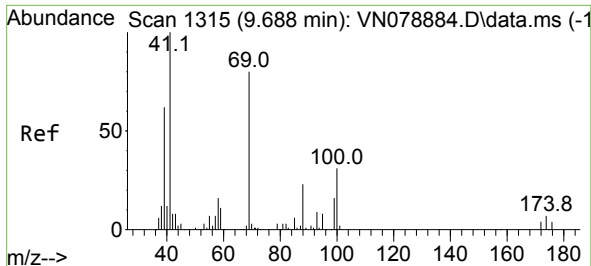
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

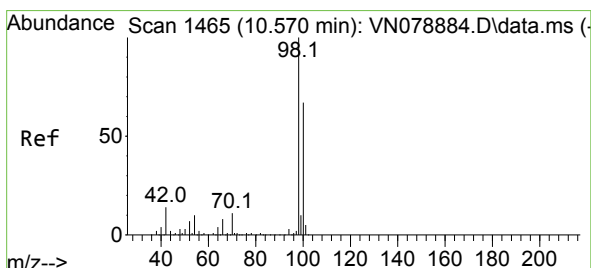
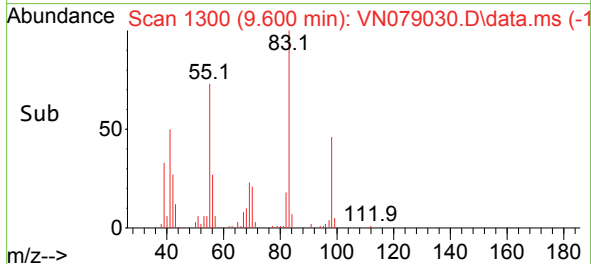
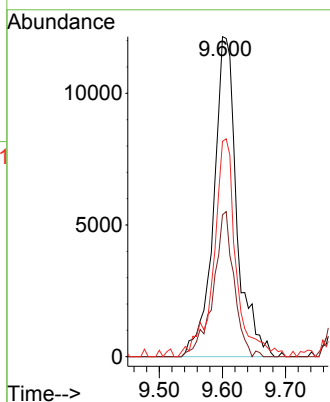
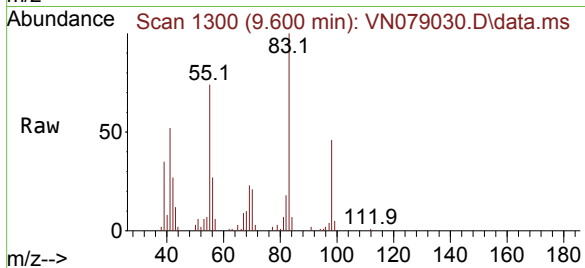




#48
Methyl methacrylate
Concen: 8.252 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

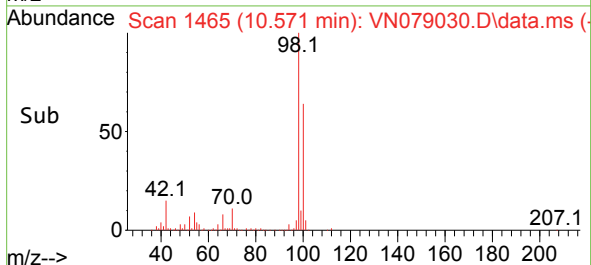
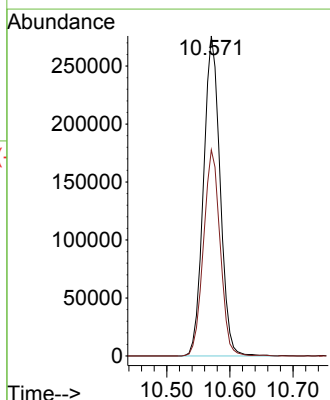
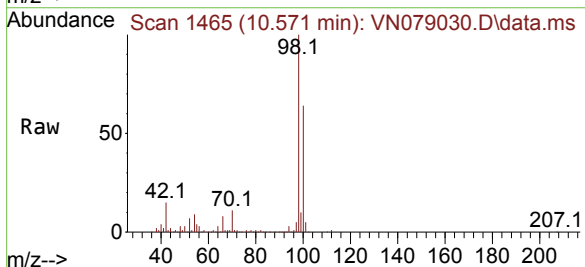
Instrument :
MSVOA_N
ClientSampleId :

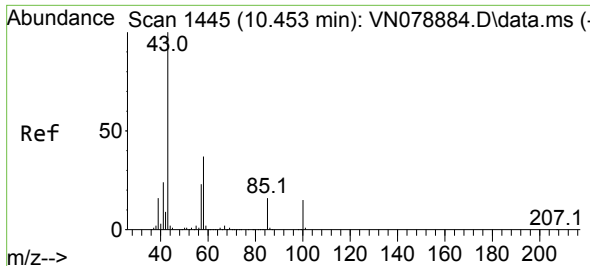
Tgt Ion: 41 Resp: 31122
Ion Ratio Lower Upper
41 100
69 40.5 90.4 135.6#
39 65.5 54.6 81.8



#50
Toluene-d8
Concen: 48.522 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 98 Resp: 504077
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

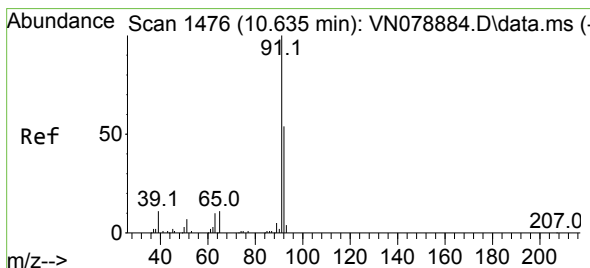
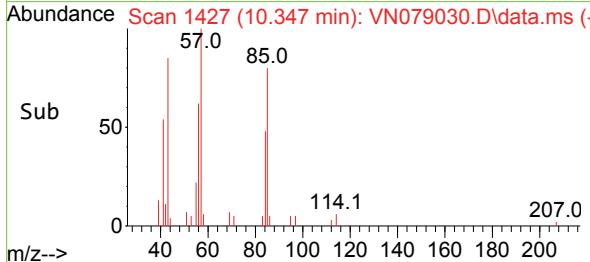
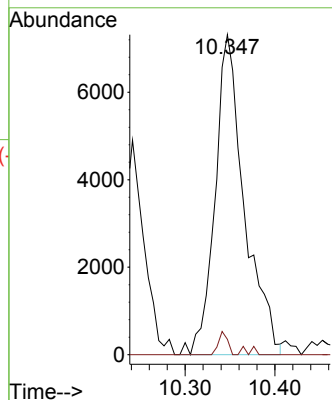
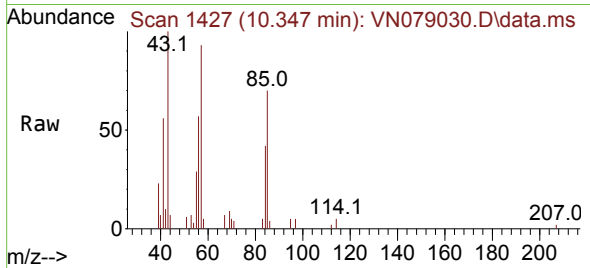




#51
4-Methyl-2-Pentanone
Concen: 3.360 ug/l
RT: 10.347 min Scan# 1445
Delta R.T. -0.106 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

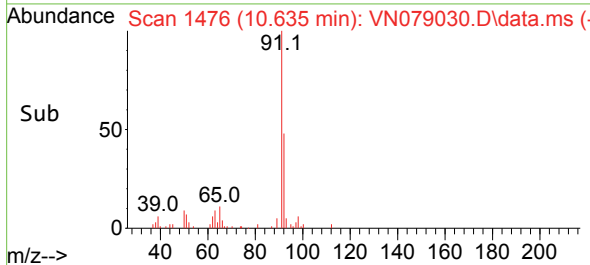
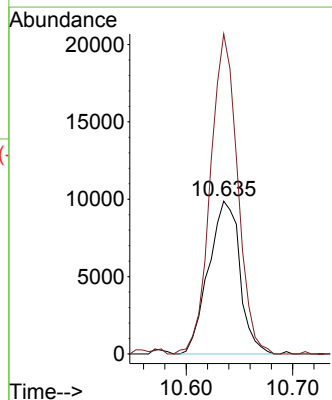
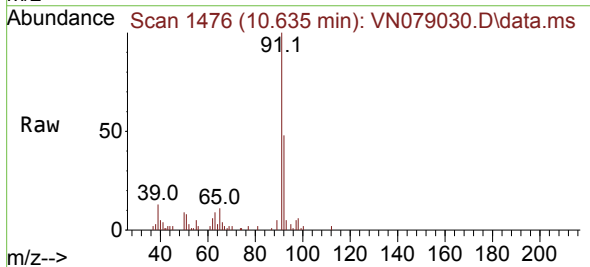
Instrument :
MSVOA_N
ClientSampleId :

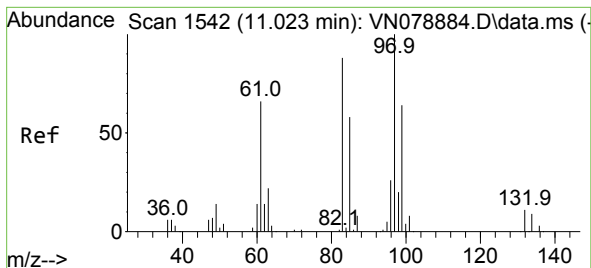
Tgt Ion: 43 Resp: 16585
Ion Ratio Lower Upper
43 100
58 2.2 36.6 54.8#



#52
Toluene
Concen: 2.637 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 92 Resp: 20139
Ion Ratio Lower Upper
92 100
91 182.2 137.4 206.0





#55

1,1,2-Trichloroethane

Concen: 1.836 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.018 min

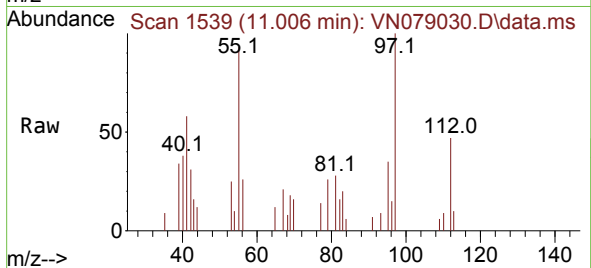
Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 5624

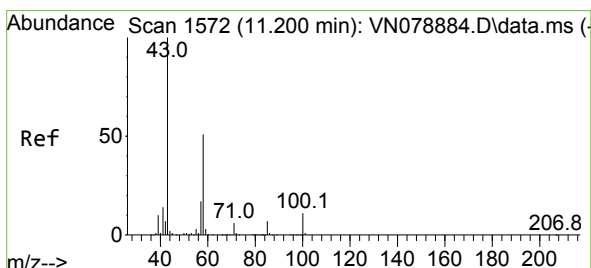
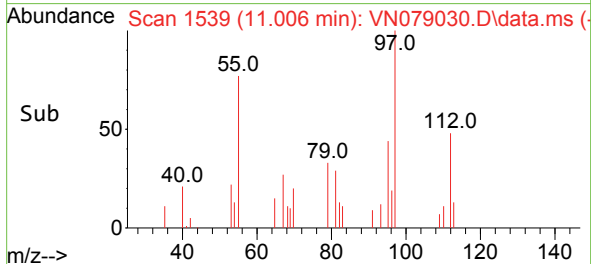
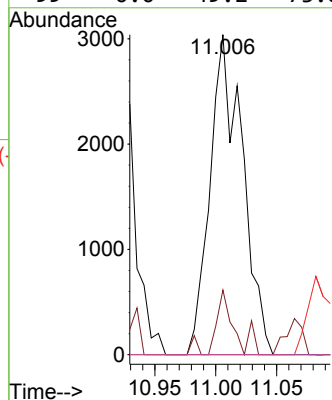
Ion Ratio Lower Upper

97 100

83 20.2 65.1 97.7#

85 0.0 43.4 65.2#

99 0.0 49.2 73.8#



#59

2-Hexanone

Concen: 1.734 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN079030.D

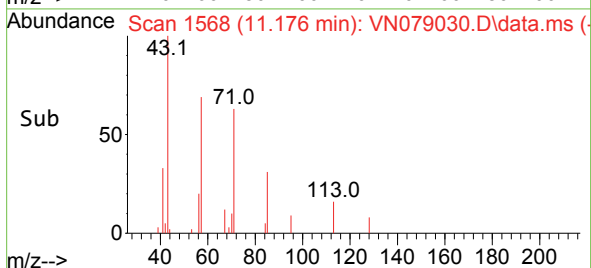
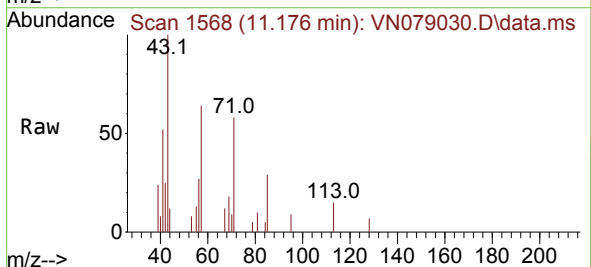
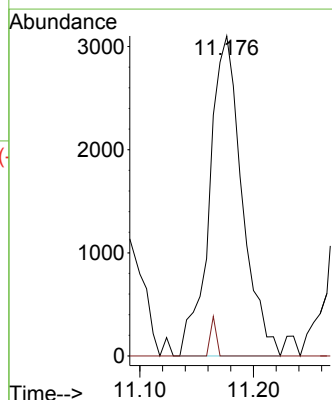
Acq: 24 Aug 2023 14:41

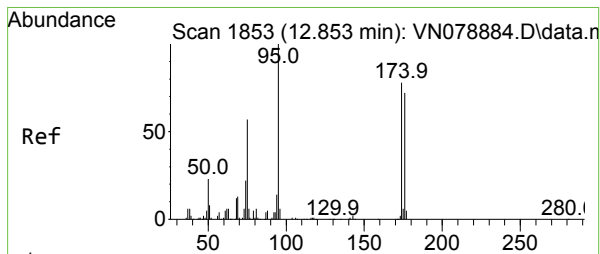
Tgt Ion: 43 Resp: 6199

Ion Ratio Lower Upper

43 100

58 2.2 31.7 95.1#

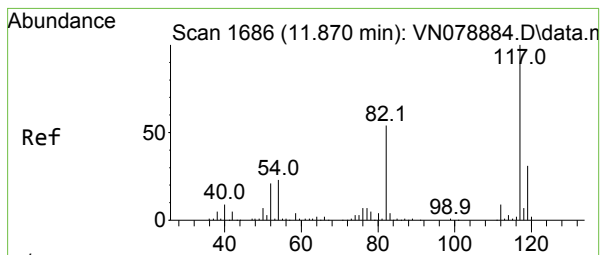
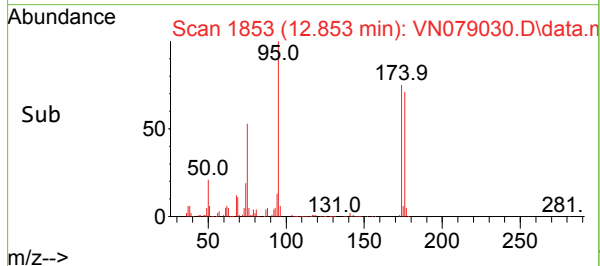
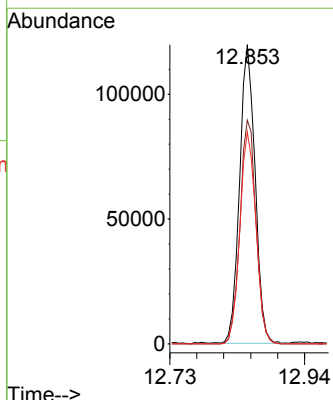
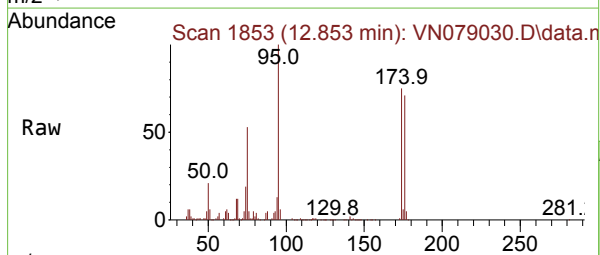




#62
4-Bromofluorobenzene
Concen: 58.863 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

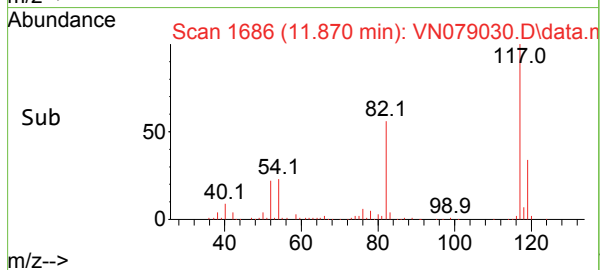
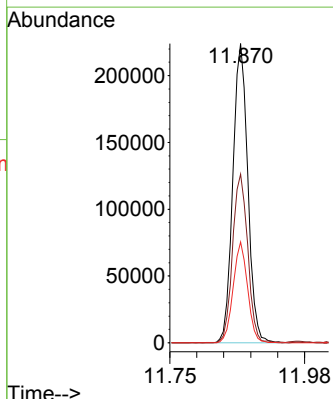
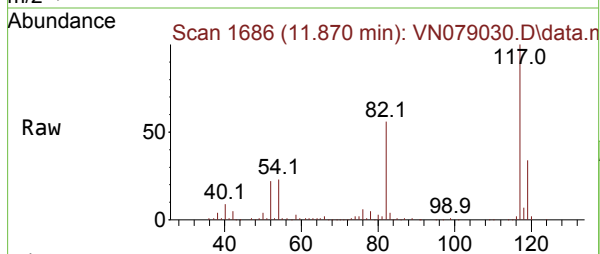
Instrument :
MSVOA_N
ClientSampleId :

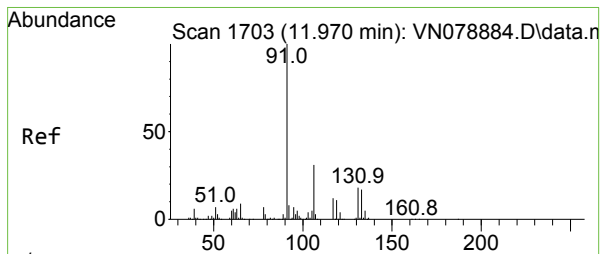
Tgt Ion: 95 Resp: 199876
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 73.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 117 Resp: 394789
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 33.7 25.6 38.4

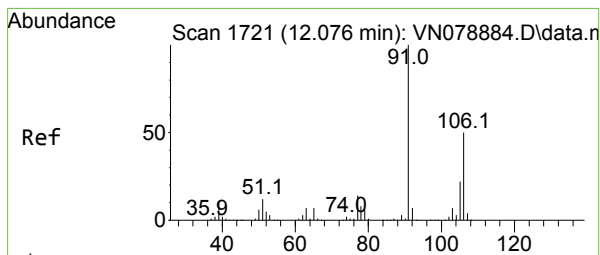
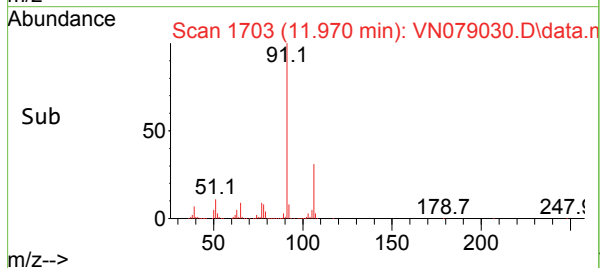
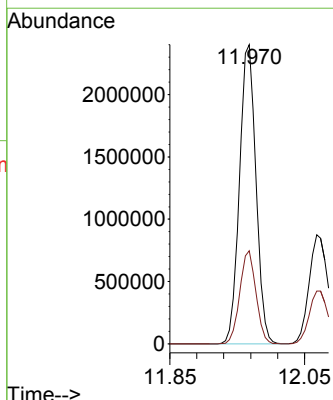
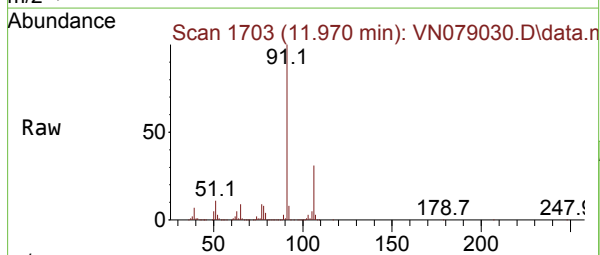




#67
Ethyl Benzene
Concen: 266.028 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

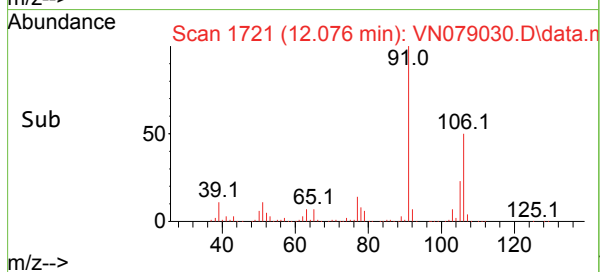
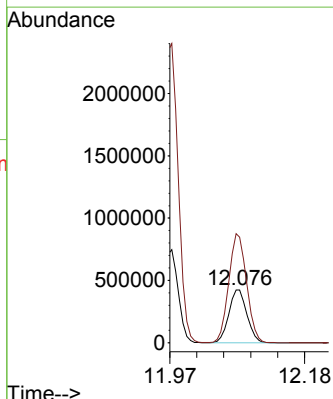
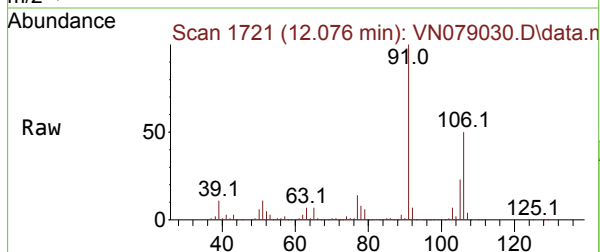
Instrument :
MSVOA_N
ClientSampleId :

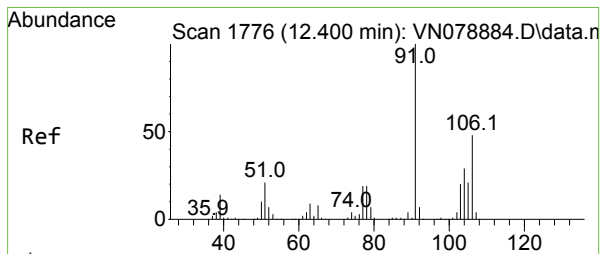
Tgt Ion: 91 Resp: 4065486
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 144.473 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion:106 Resp: 825476
Ion Ratio Lower Upper
106 100
91 204.2 159.6 239.4

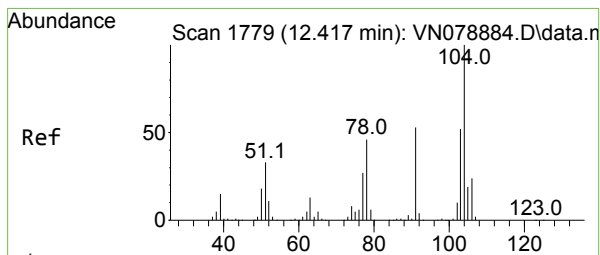
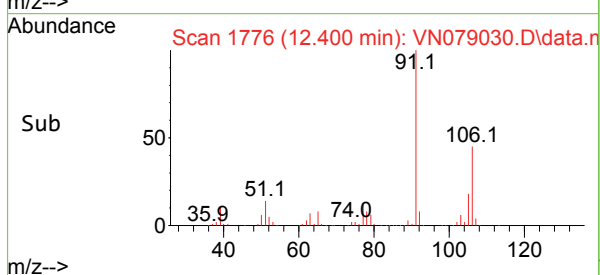
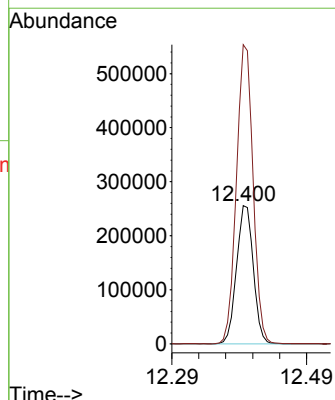
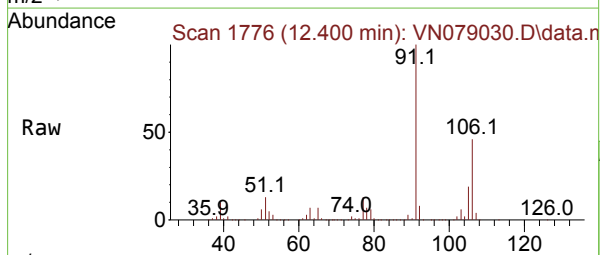




#69
o-Xylene
Concen: 79.381 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

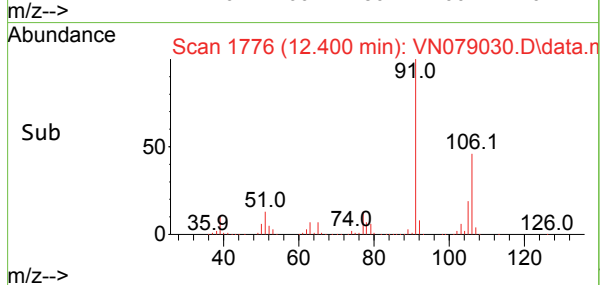
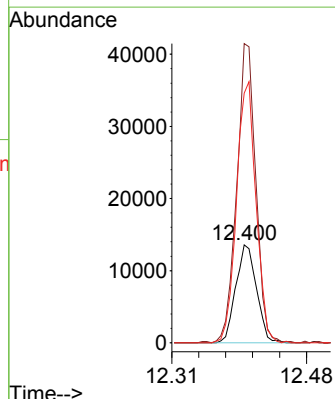
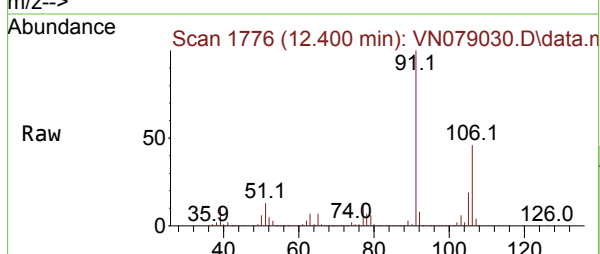
Instrument :
MSVOA_N
ClientSampleId :

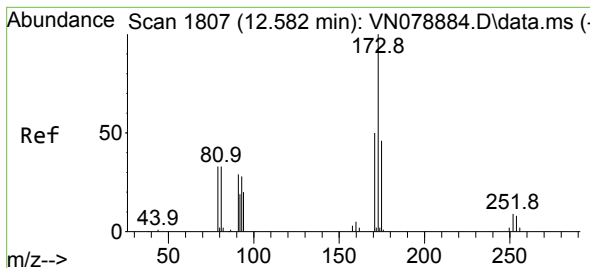
Tgt Ion:106 Resp: 441211
Ion Ratio Lower Upper
106 100
91 214.9 105.2 315.5



#70
Styrene
Concen: 2.656 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.018 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion:104 Resp: 24612
Ion Ratio Lower Upper
104 100
78 282.4 39.5 59.3#
103 251.9 43.2 64.8#





#71

Bromoform

Concen: 0.482 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

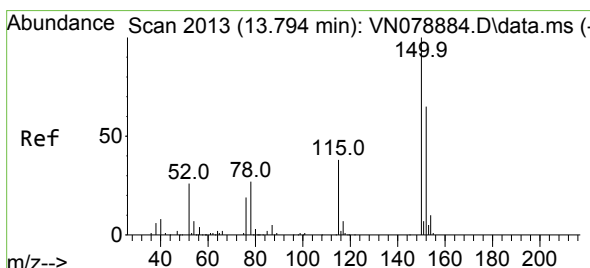
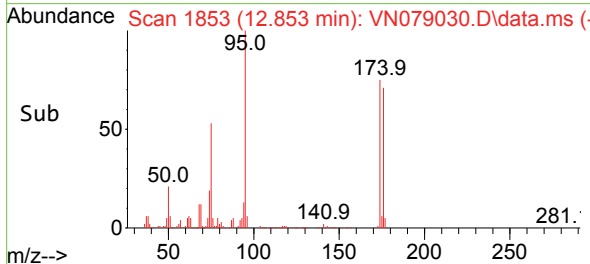
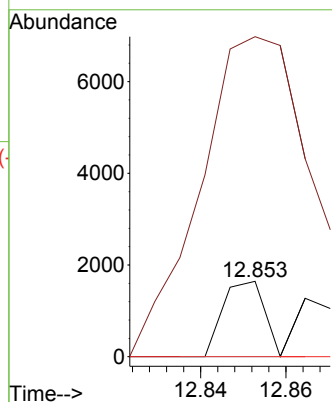
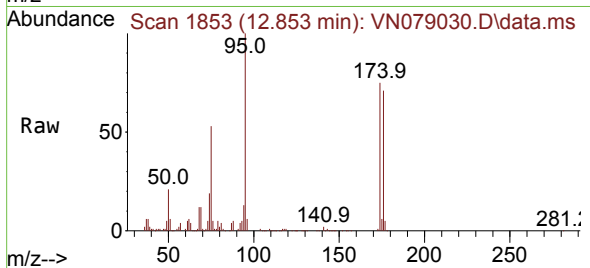
Tgt Ion:173 Resp: 1114

Ion Ratio Lower Upper

173 100

175 880.8 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: VN079030.D

Acq: 24 Aug 2023 14:41

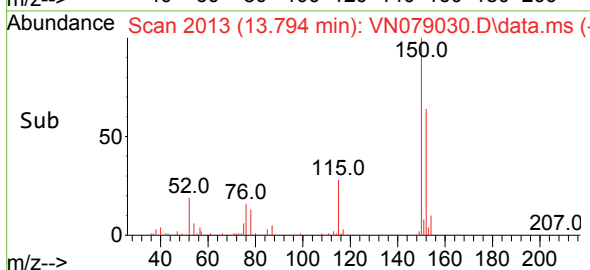
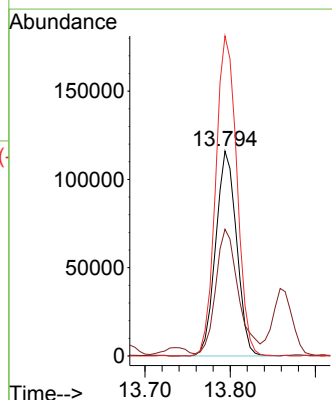
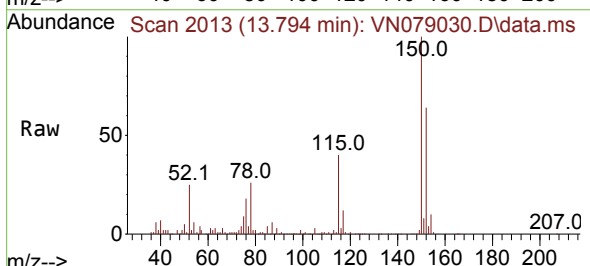
Tgt Ion:152 Resp: 197881

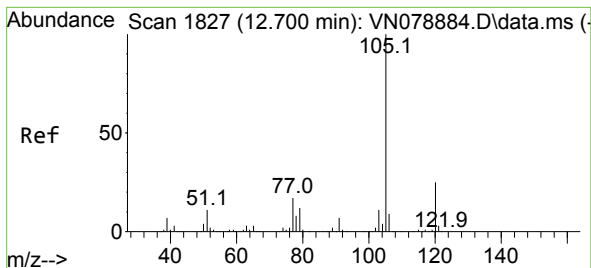
Ion Ratio Lower Upper

152 100

115 65.3 32.3 96.8

150 158.6 0.0 355.8





#73

Isopropylbenzene

Concen: 15.867 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

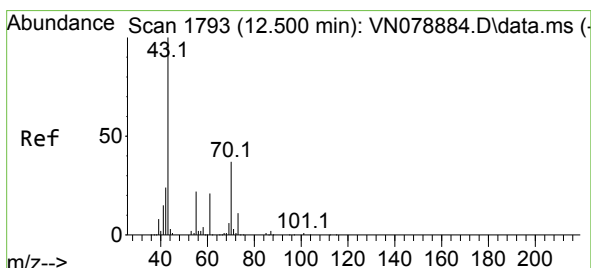
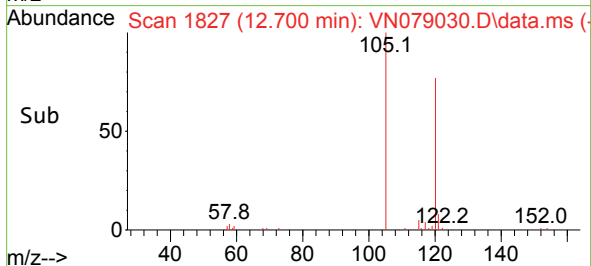
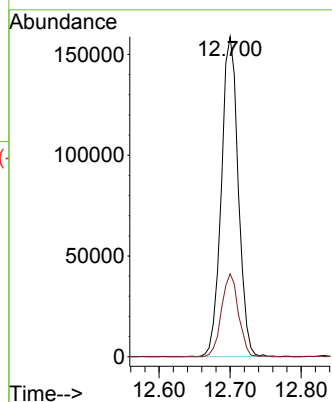
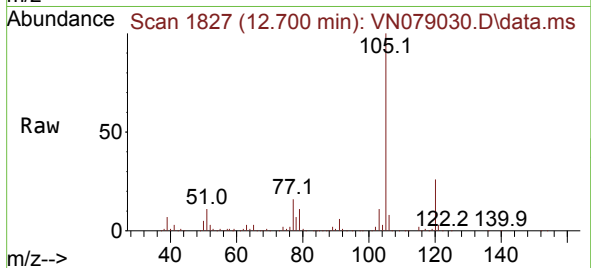
ClientSampleId :

Tgt Ion:105 Resp: 261794

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 0.773 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.018 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Tgt Ion: 43 Resp: 6437

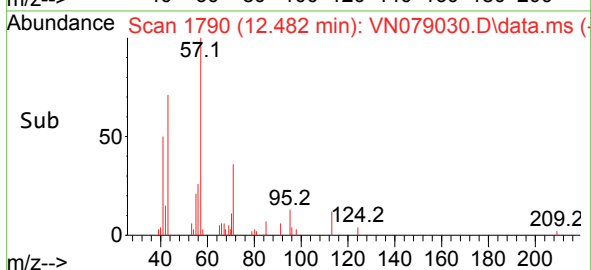
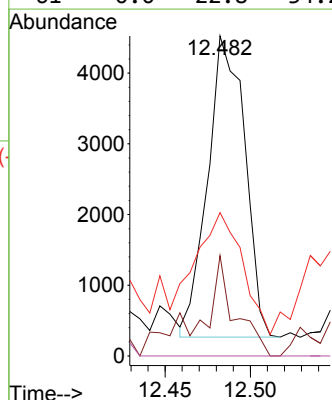
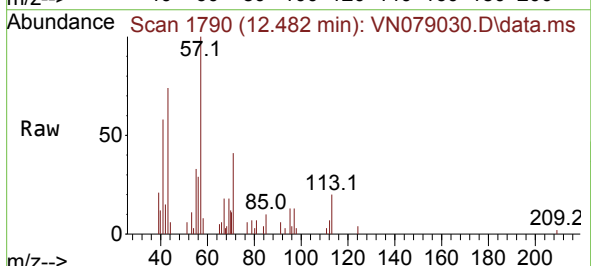
Ion Ratio Lower Upper

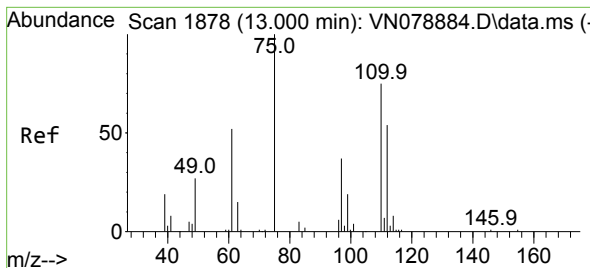
43 100

70 22.5 43.4 65.2#

55 58.8 21.4 32.0#

61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 1.694 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.100 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

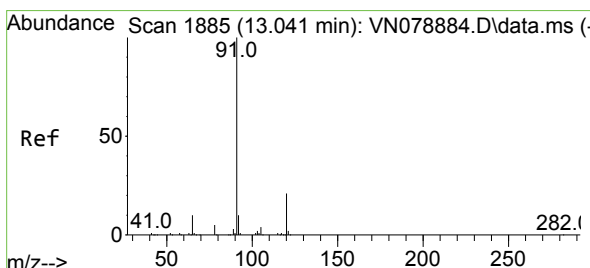
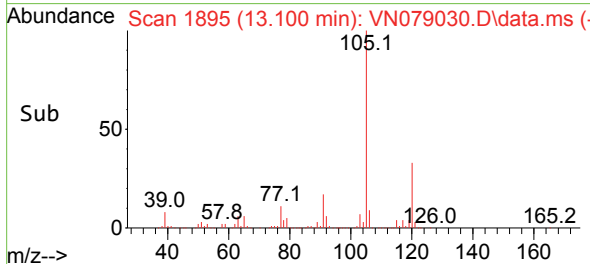
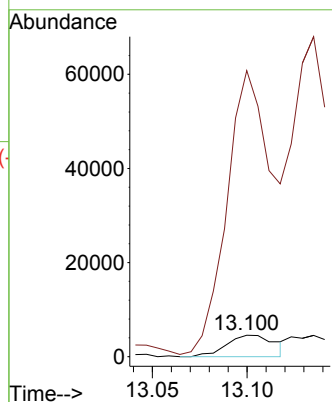
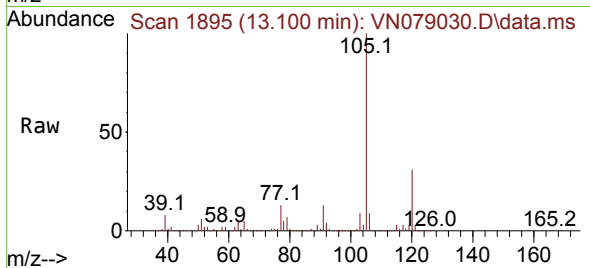
ClientSampleId :

Tgt Ion: 75 Resp: 8076

Ion Ratio Lower Upper

75 100

77 1247.0 84.5 253.5#



#78

n-propylbenzene

Concen: 5.792 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079030.D

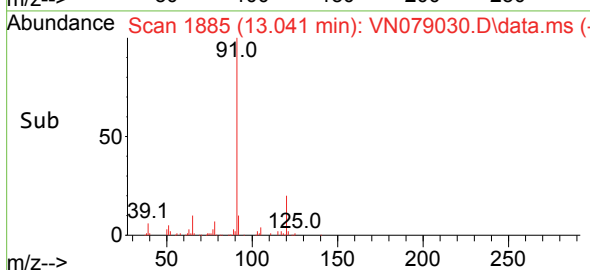
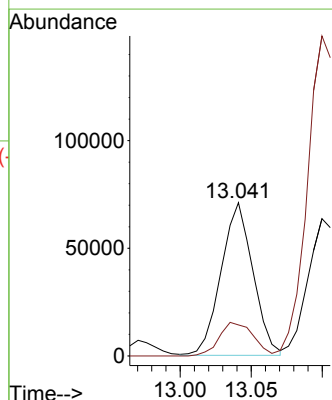
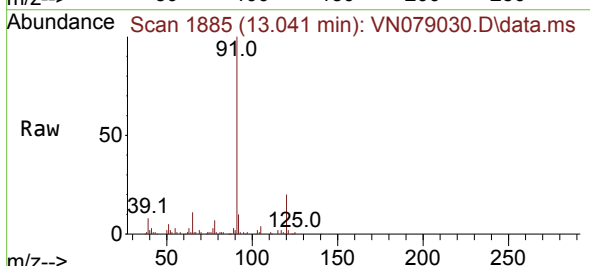
Acq: 24 Aug 2023 14:41

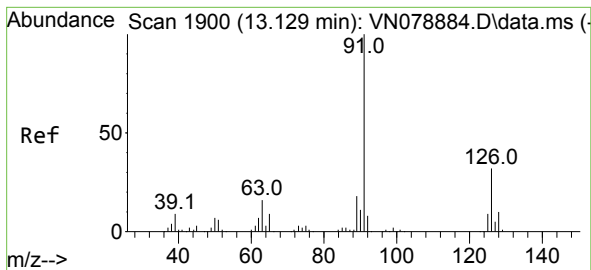
Tgt Ion: 91 Resp: 110825

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

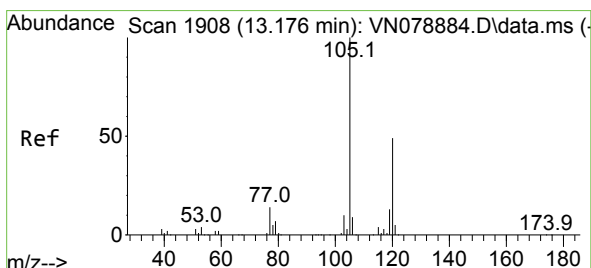
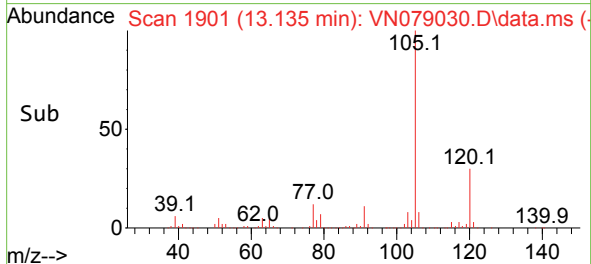
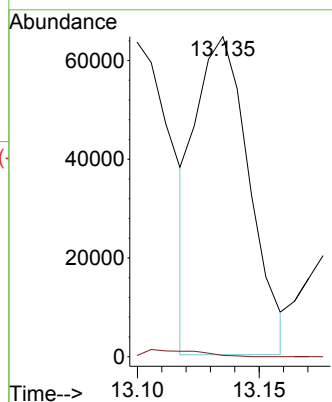
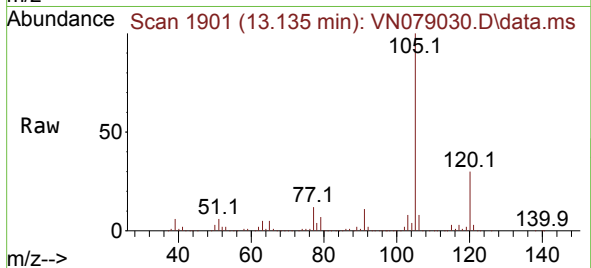




#79
2-Chlorotoluene
Concen: 8.364 ug/l
RT: 13.135 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

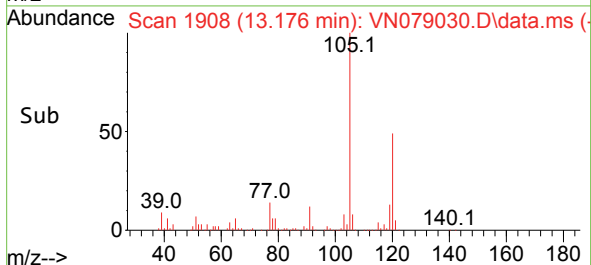
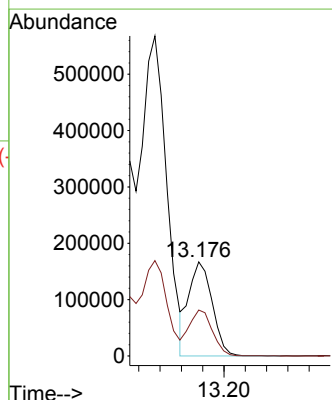
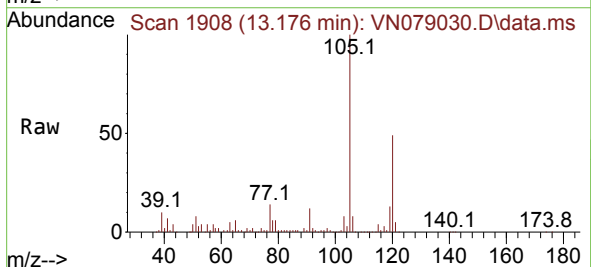
Instrument :
MSVOA_N
ClientSampleId :

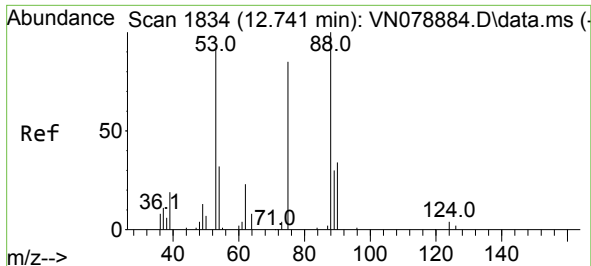
Tgt Ion: 91 Resp: 99266
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 19.527 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 105 Resp: 255323
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3

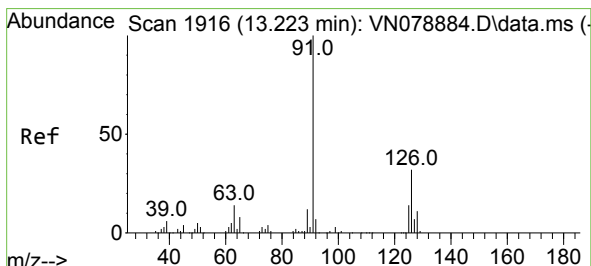
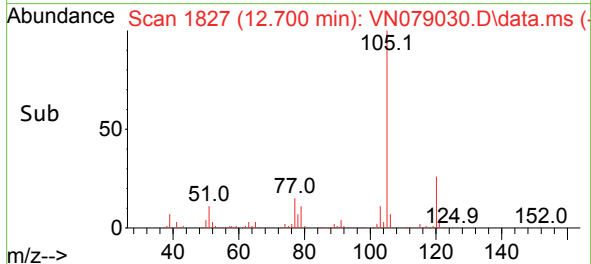
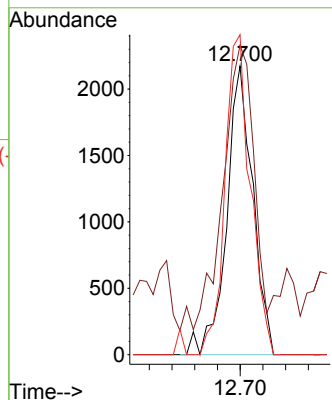
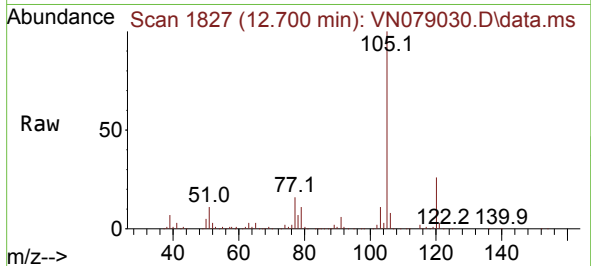




#81
trans-1,4-Dichloro-2-butene
Concen: 1.855 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

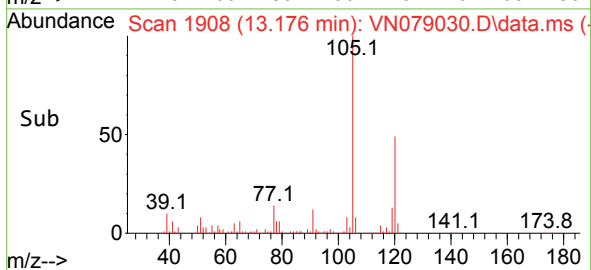
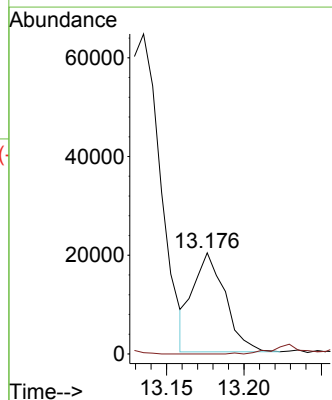
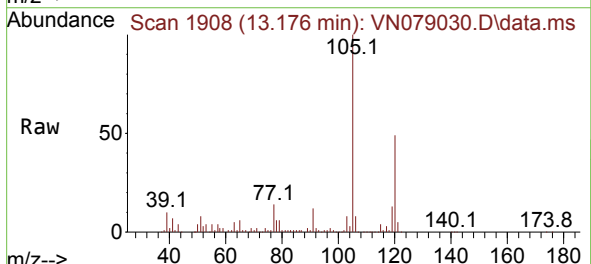
Instrument :
MSVOA_N
ClientSampleId :

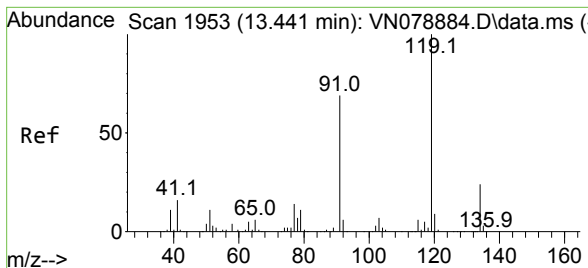
Tgt Ion: 75 Resp: 3463
Ion Ratio Lower Upper
75 100
53 128.8 67.4 101.2#
89 107.9 38.8 58.2#



#82
4-Chlorotoluene
Concen: 2.503 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.053 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 91 Resp: 29065
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#





#83

tert-Butylbenzene

Concen: 11.025 ug/l

RT: 13.488 min Scan# 1953

Delta R.T. 0.047 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

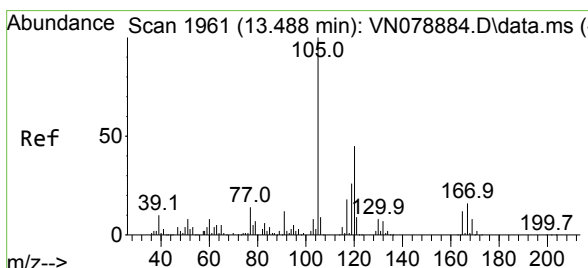
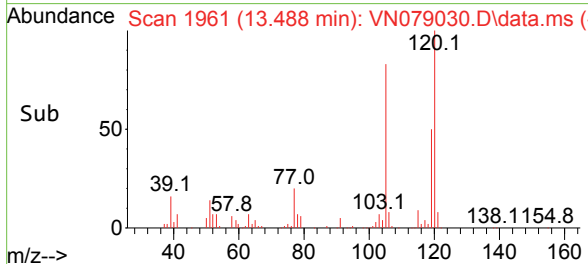
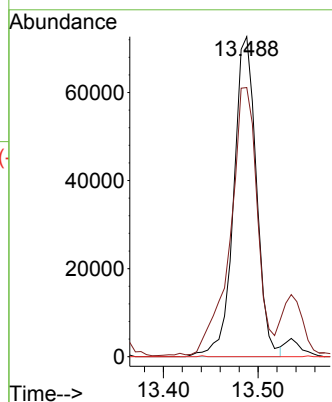
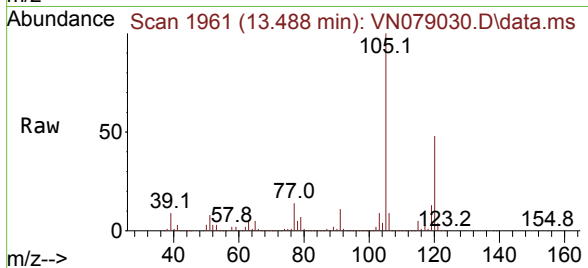
Tgt Ion:119 Resp: 121117

Ion Ratio Lower Upper

119 100

91 100.2 33.9 101.7

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 71.739 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079030.D

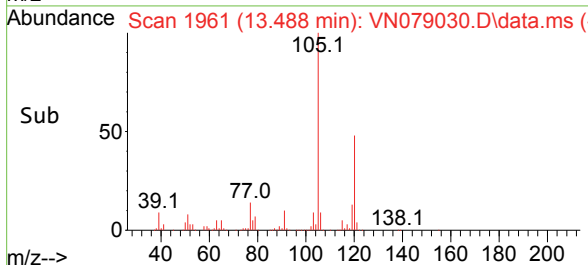
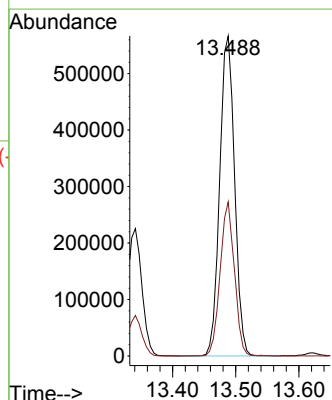
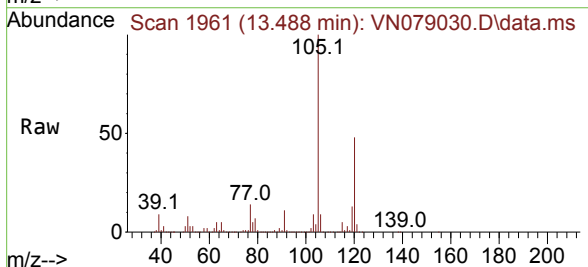
Acq: 24 Aug 2023 14:41

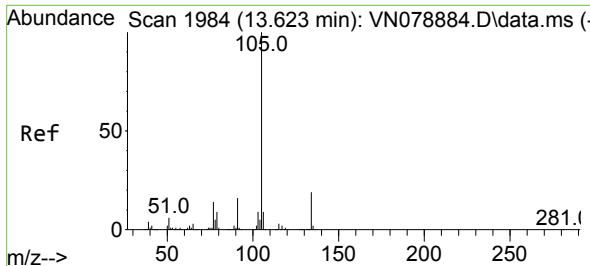
Tgt Ion:105 Resp: 928810

Ion Ratio Lower Upper

105 100

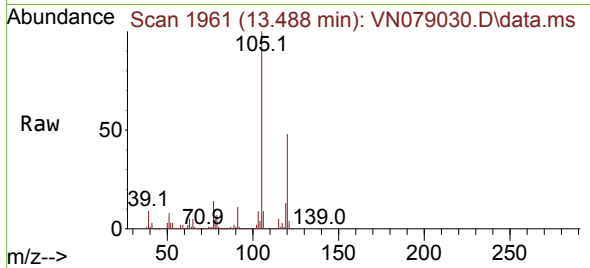
120 46.1 22.0 66.0



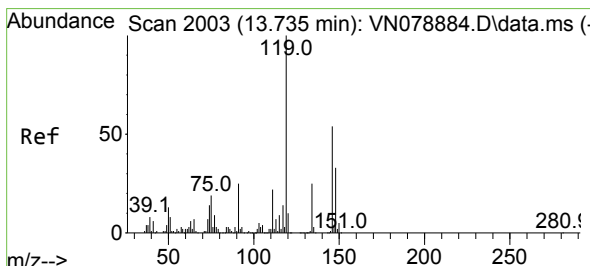
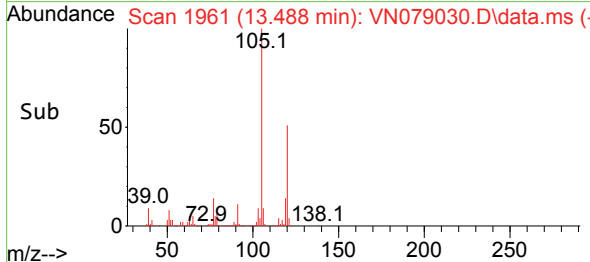
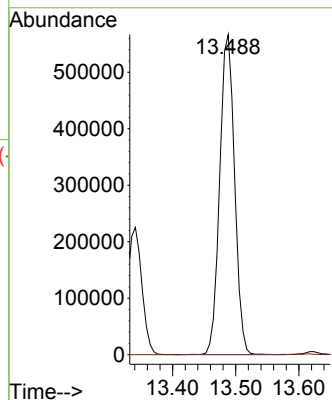


#85
 sec-Butylbenzene
 Concen: 61.433 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.135 min
 Lab File: VN079030.D
 Acq: 24 Aug 2023 14:41

Instrument :
 MSVOA_N
 ClientSampleId :

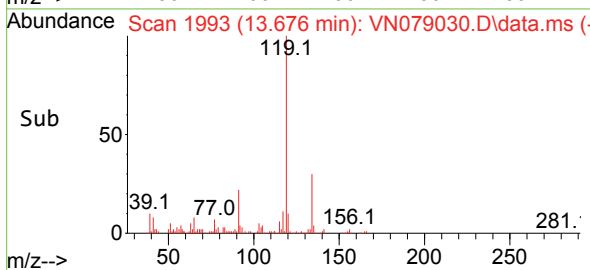
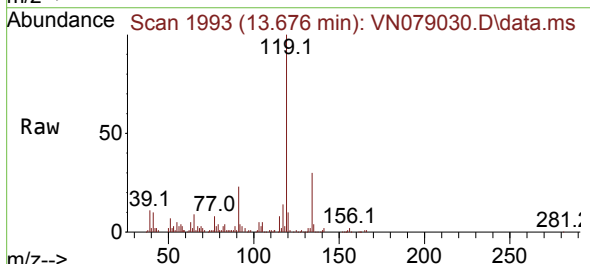
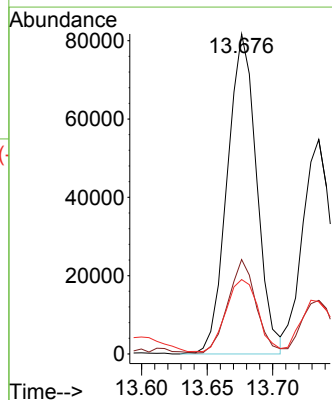


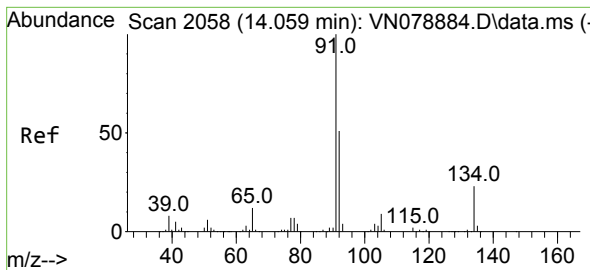
Tgt Ion:105 Resp: 928810
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 10.552 ug/l
 RT: 13.676 min Scan# 1993
 Delta R.T. -0.059 min
 Lab File: VN079030.D
 Acq: 24 Aug 2023 14:41

Tgt Ion:119 Resp: 127457
 Ion Ratio Lower Upper
 119 100
 134 28.4 12.6 37.8
 91 24.3 12.4 37.2





#89

n-Butylbenzene

Concen: 110.114 ug/l

RT: 14.000 min Scan# 2058

Delta R.T. -0.059 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

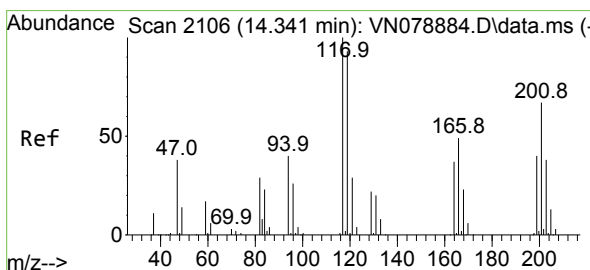
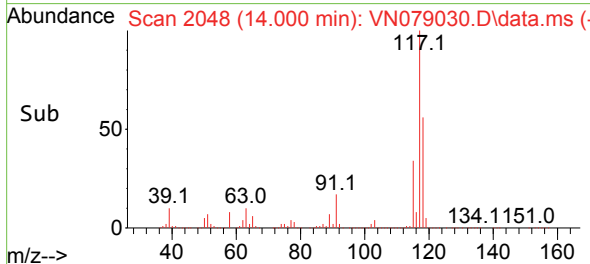
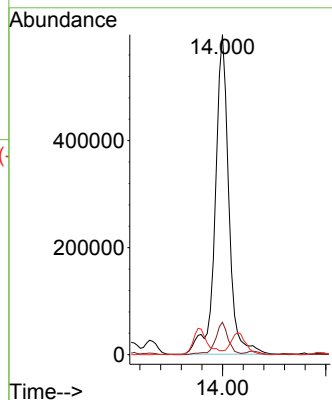
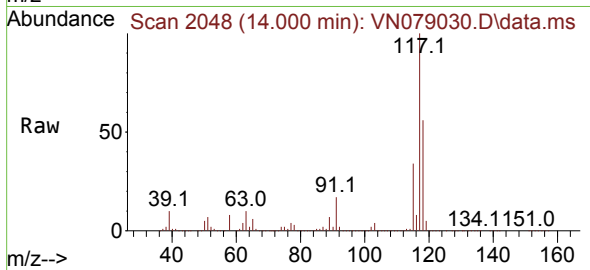
Tgt Ion: 91 Resp: 1094616

Ion Ratio Lower Upper

91 100

92 9.6 26.4 79.0#

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 19.977 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079030.D

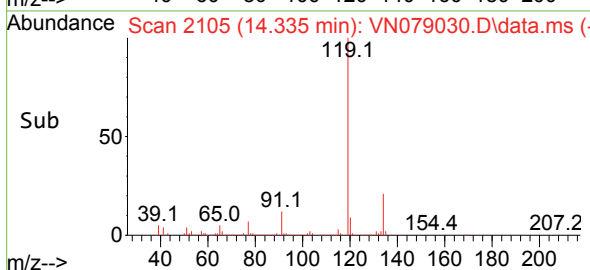
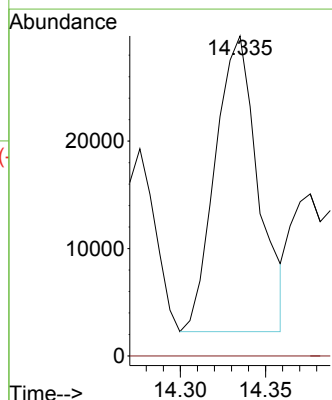
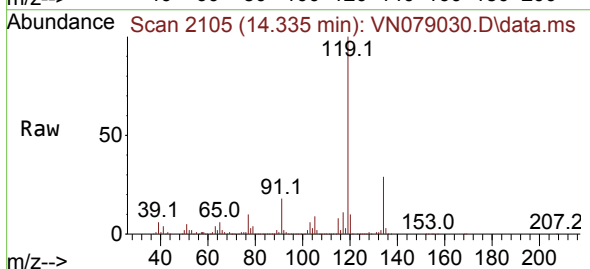
Acq: 24 Aug 2023 14:41

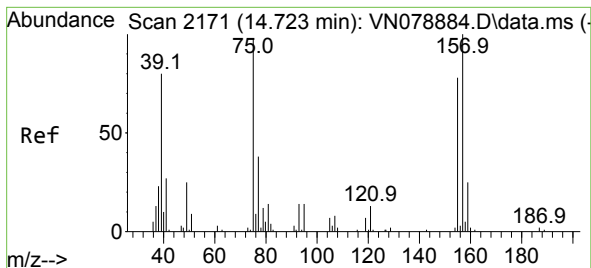
Tgt Ion: 117 Resp: 48372

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.700 min Scan# 2167

Delta R.T. -0.023 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

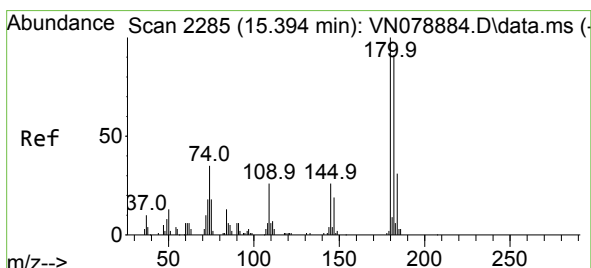
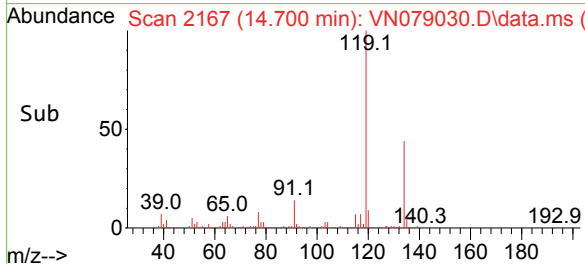
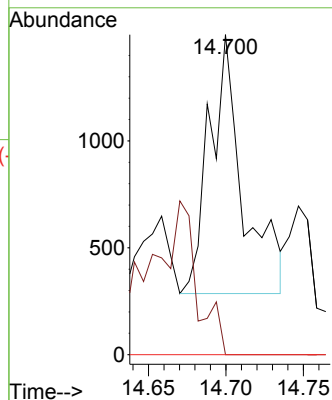
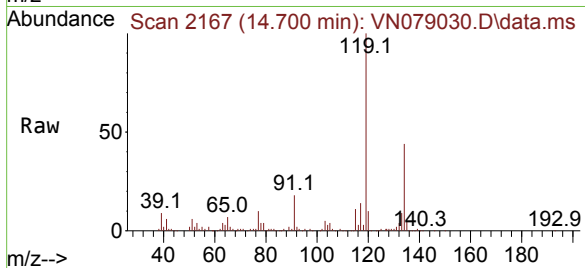
Tgt Ion: 75 Resp: 1818

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.393 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN079030.D

Acq: 24 Aug 2023 14:41

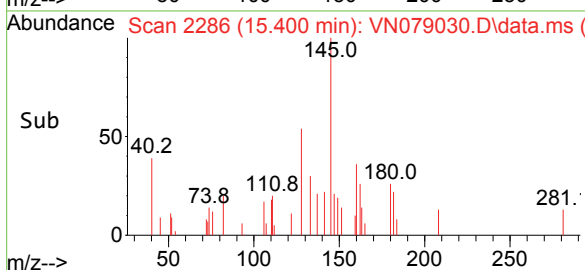
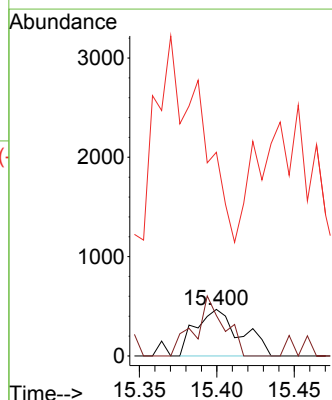
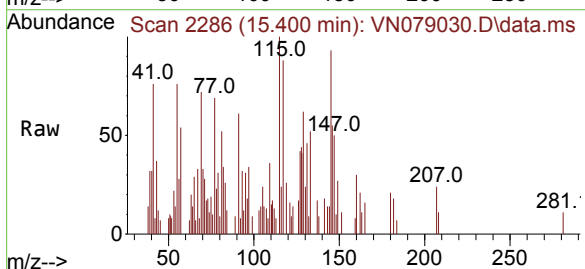
Tgt Ion:180 Resp: 946

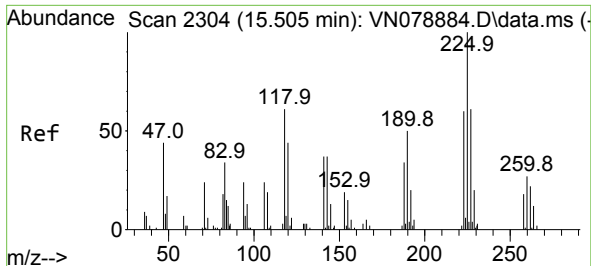
Ion Ratio Lower Upper

180 100

182 83.8 46.1 138.2

145 0.0 16.6 49.8#

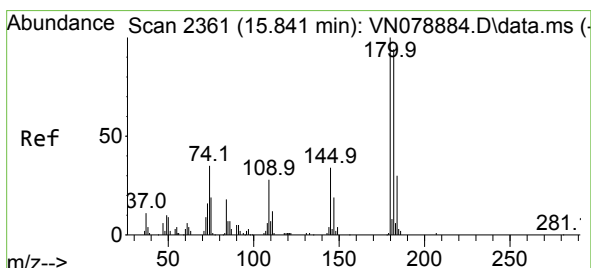
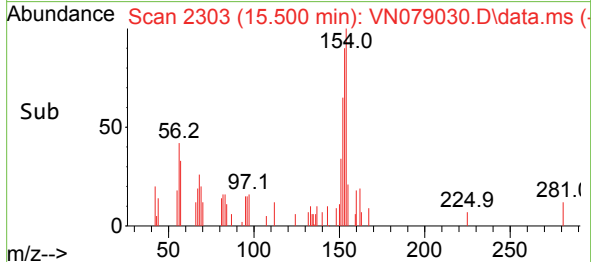
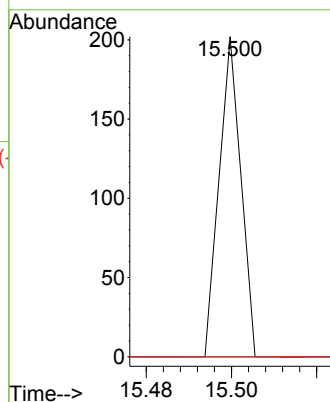
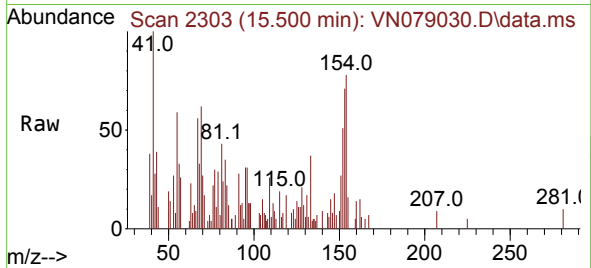




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 71
Ion Ratio Lower Upper
225 100
223 0.0 31.3 93.8#
227 0.0 31.9 95.9#



#96
1,2,3-Trichlorobenzene
Concen: 0.477 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079030.D
Acq: 24 Aug 2023 14:41

Tgt Ion:180 Resp: 1257
Ion Ratio Lower Upper
180 100
182 31.7 46.2 138.6#
145 0.0 17.5 52.6#

