

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079036.D
 Acq On : 24 Aug 2023 17:06
 Operator : JC\MD
 Sample : 04093-02 20X
 Misc : 6.51g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 02:55:58 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	8.229	168	271160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	466419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	187559	44.451	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.900%
35) Dibromofluoromethane	8.171	113	157824	47.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.571	98	583083	47.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.853	95	233566	58.343	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.680%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.589	142	1070	0.320	ug/l #	36
11) Tert butyl alcohol	5.530	59	731	1.032	ug/l #	72
13) Acrolein	4.171	56	58	6.977	ug/l #	1
16) Acetone	4.453	43	1309	0.752	ug/l	97
18) Methyl Acetate	5.041	43	2519	0.342	ug/l #	53
20) Methylene Chloride	5.271	84	774	0.209	ug/l #	74
25) 2-Butanone	7.494	43	578	0.207	ug/l #	37
31) Cyclohexane	8.229	56	8523	Below Cal	#	55
36) 1,1-Dichloropropene	8.229	75	23120	4.660	ug/l #	48
38) Carbon Tetrachloride	8.229	117	27876	5.607	ug/l #	15
39) Methylcyclohexane	9.606	83	10249	2.246	ug/l	90
40) Benzene	8.612	78	1452767	99.056	ug/l	100
43) Isopropyl Acetate	8.724	43	3780	0.385	ug/l #	49
51) 4-Methyl-2-Pentanone	10.353	43	5771	0.992	ug/l #	31
52) Toluene	10.635	92	17924	1.991	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	2213	0.613	ug/l #	31
59) 2-Hexanone	11.170	43	5641	1.338	ug/l #	21
65) Chlorobenzene	12.053	112	5179	0.522	ug/l #	61
67) Ethyl Benzene	11.970	91	8008280	443.550	ug/l	99
68) m/p-Xylenes	12.070	106	1246124	184.600	ug/l	98
69) o-Xylene	12.400	106	877757	133.670	ug/l	96
70) Styrene	12.406	104	45881	4.190	ug/l #	1
73) Isopropylbenzene	12.700	105	657765	34.338	ug/l	99
74) N-amyl acetate	12.488	43	10734	1.110	ug/l #	58
76) 1,2,3-Trichloropropane	13.100	75	11688	2.111	ug/l #	1
77) Bromobenzene	13.000	156	2981	0.647	ug/l #	1
78) n-propylbenzene	13.041	91	294381	13.253	ug/l	98
79) 2-Chlorotoluene	13.135	91	228643	16.594	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.176	105	617001	40.646	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.700	75	9315	4.299	ug/l #	61
82) 4-Chlorotoluene	13.176	91	62032	4.601	ug/l #	41
83) tert-Butylbenzene	13.488	119	295604	23.177	ug/l #	52
84) 1,2,4-Trimethylbenzene	13.488	105	2341738	155.795	ug/l	98
85) sec-Butylbenzene	13.488	105	2341738	133.413	ug/l #	57
86) p-Isopropyltoluene	13.676	119	306097	21.827	ug/l	97
89) n-Butylbenzene	14.000	91	3010149	260.827	ug/l #	43

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

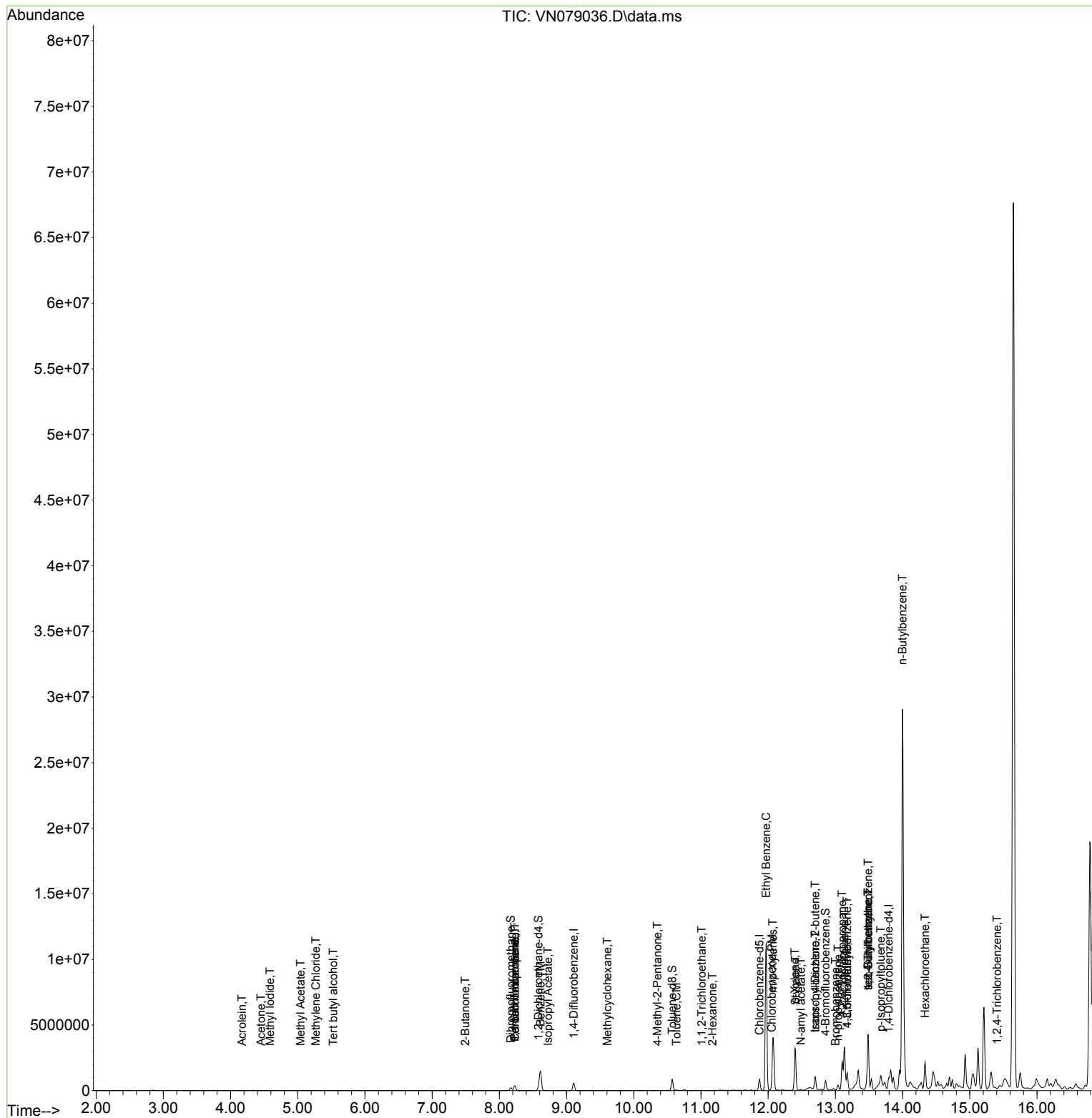
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.335	117	135440	48.180	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.706	75	3575	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	15.406	180	580	0.208	ug/l #	78

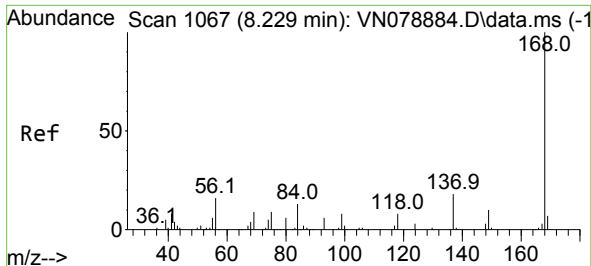
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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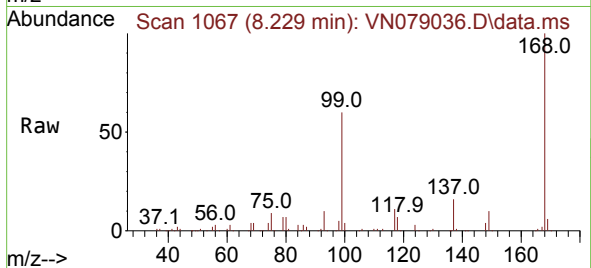
Quant Time: Aug 25 02:55:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
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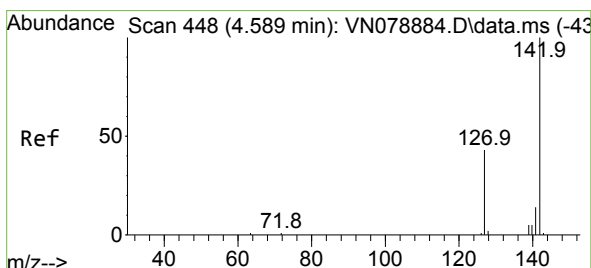
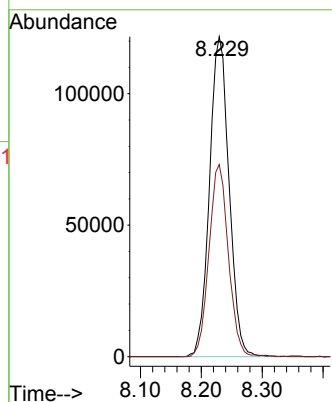
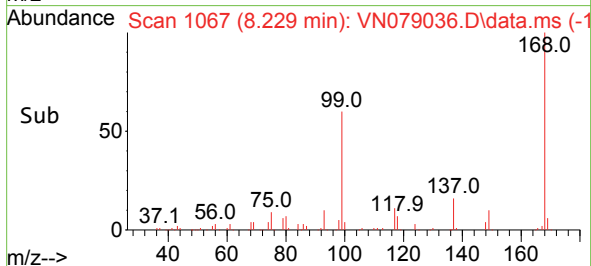


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :

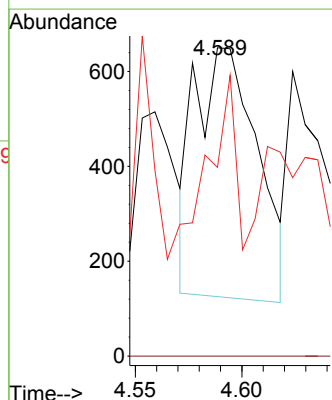
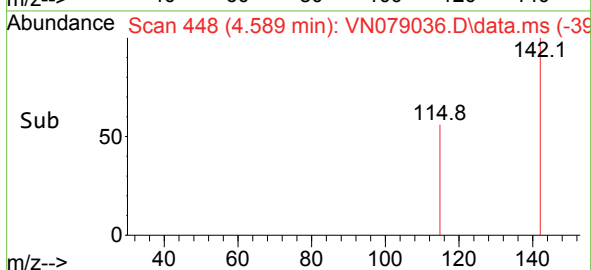
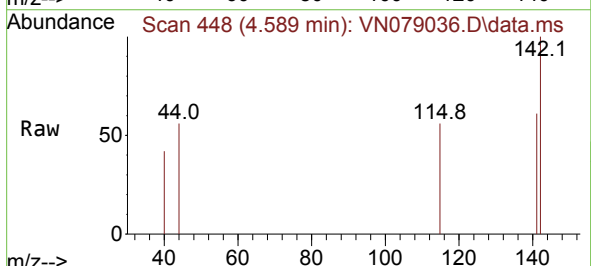


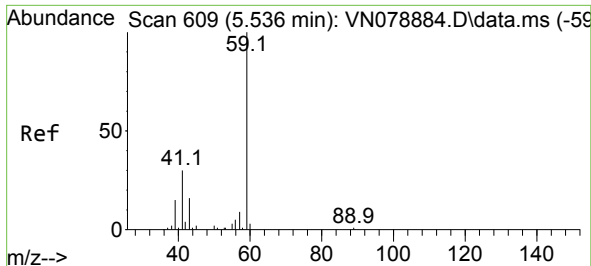
Tgt Ion:168 Resp: 271160
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#10
Methyl Iodide
Concen: 0.320 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

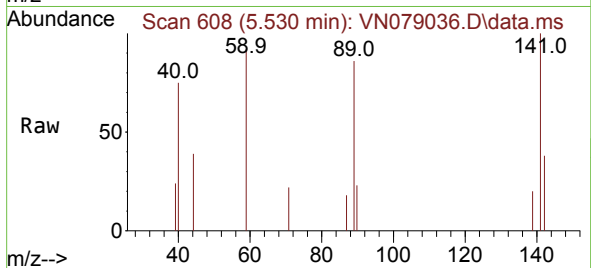
Tgt Ion:142 Resp: 1070
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 32.6 11.4 17.0#



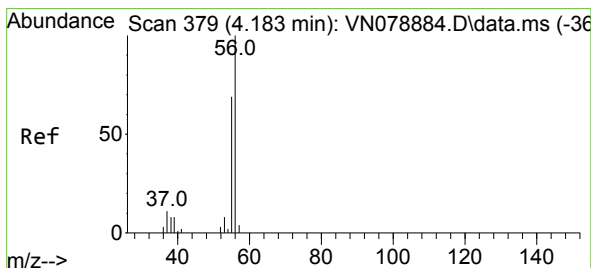
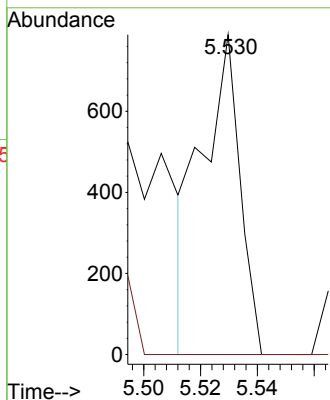
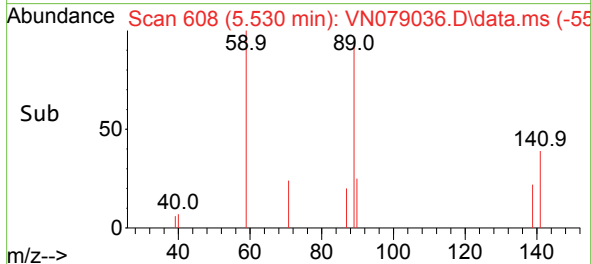


#11
Tert butyl alcohol
Concen: 1.032 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :

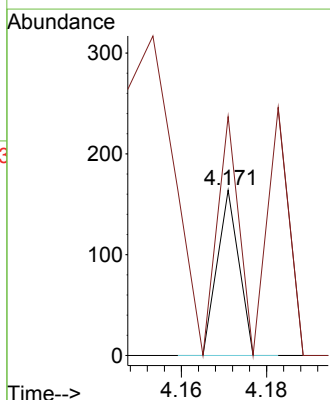
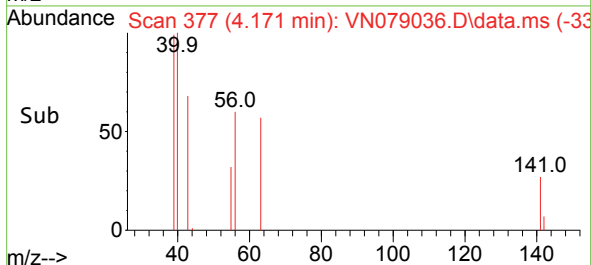
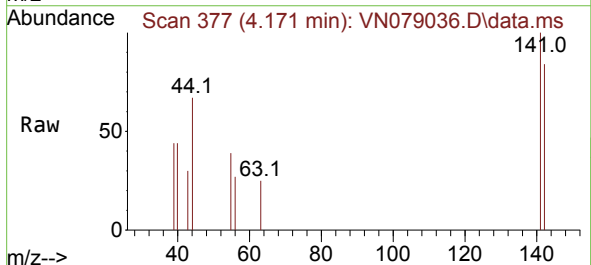


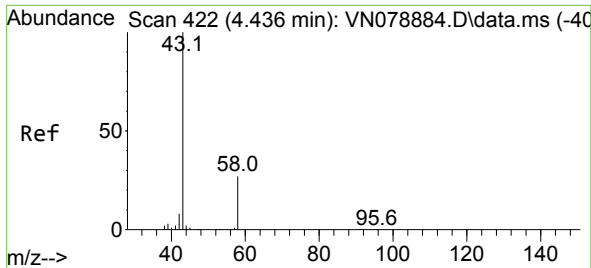
Tgt Ion: 59 Resp: 731
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 6.977 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.024 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 293.1 54.5 81.7#

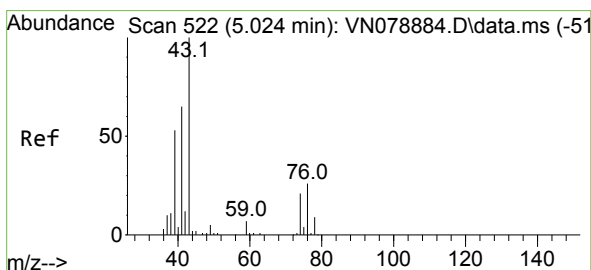
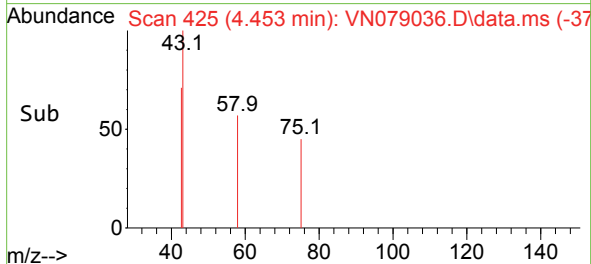
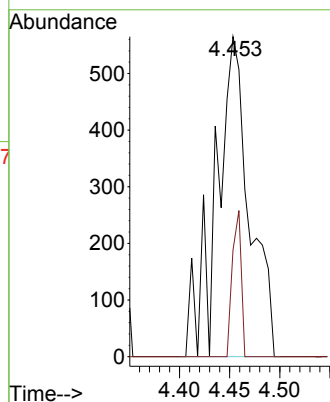
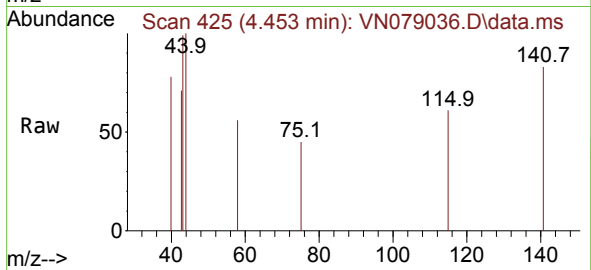




#16
Acetone
Concen: 0.752 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

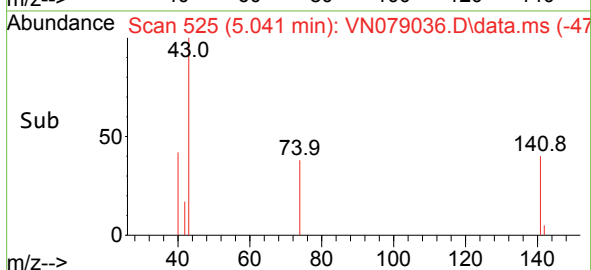
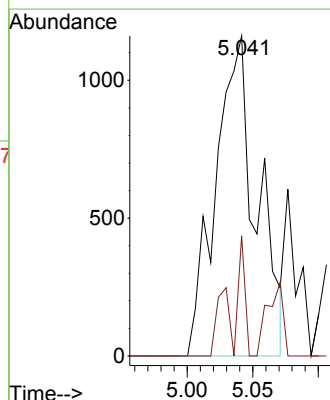
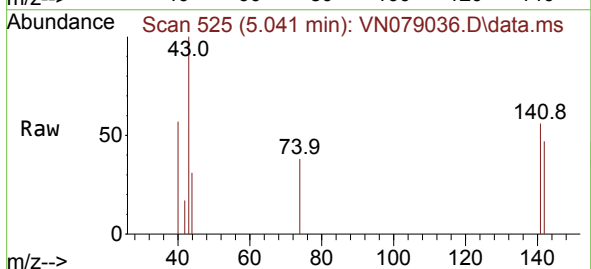
Instrument :
MSVOA_N
ClientSampleId :

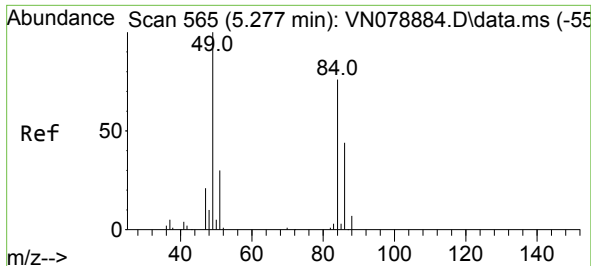
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0



#18
Methyl Acetate
Concen: 0.342 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.001 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

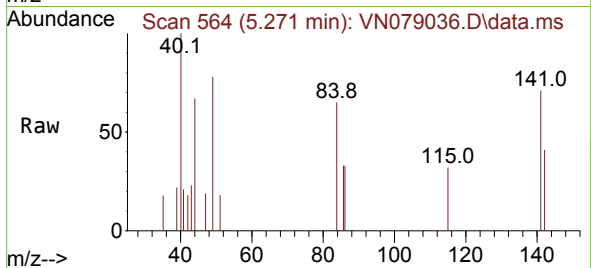
Tgt Ion: 43 Resp: 2519
Ion Ratio Lower Upper
43 100
74 6.5 26.2 39.4#





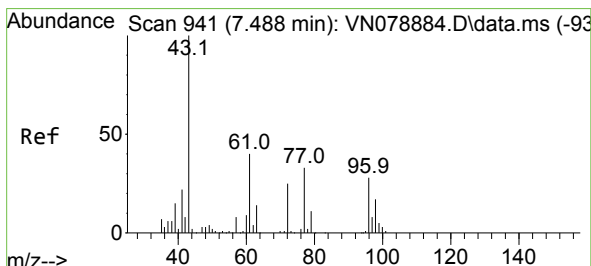
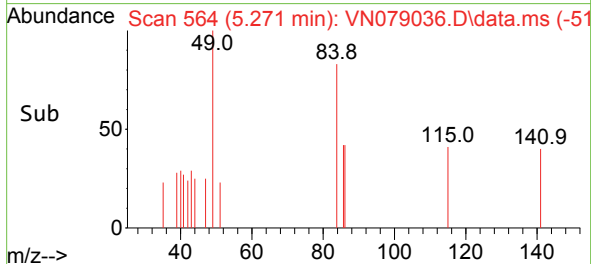
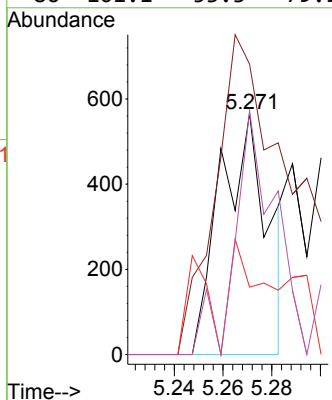
#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 774

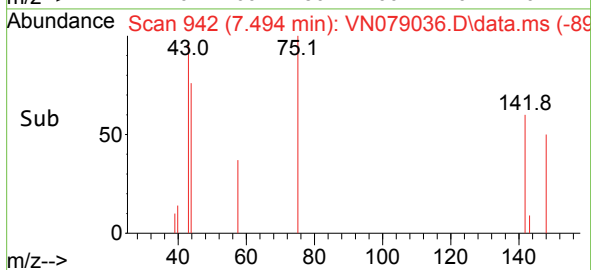
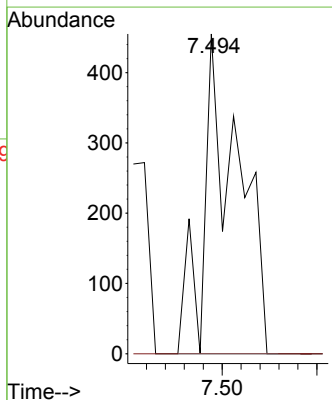
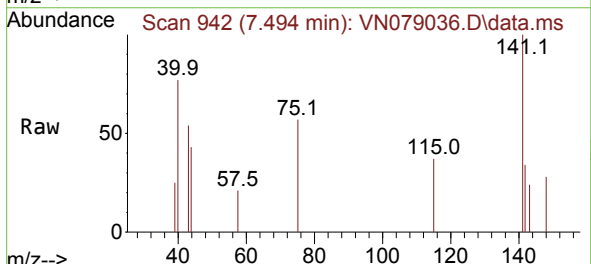
Ion	Ratio	Lower	Upper
84	100		
49	120.5	79.7	119.5#
51	27.9	25.2	37.8
86	101.1	53.3	79.9#

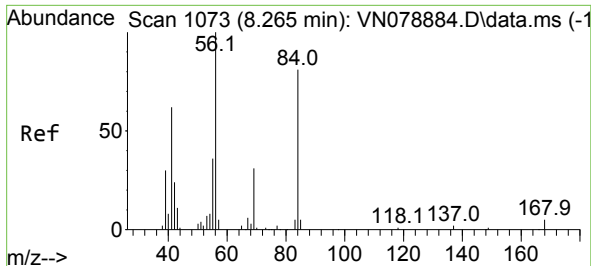


#25
2-Butanone
Concen: 0.207 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 43 Resp: 578

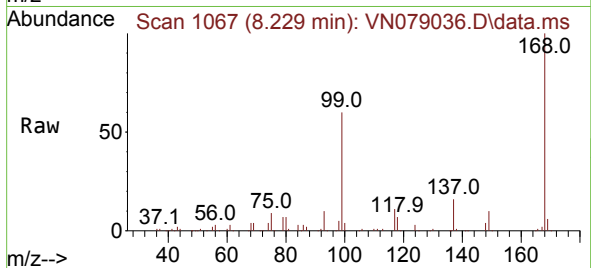
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#



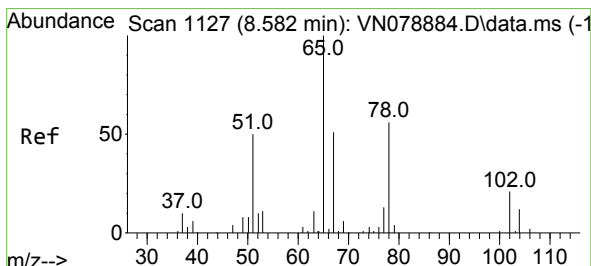
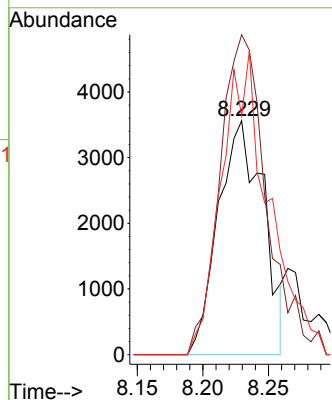
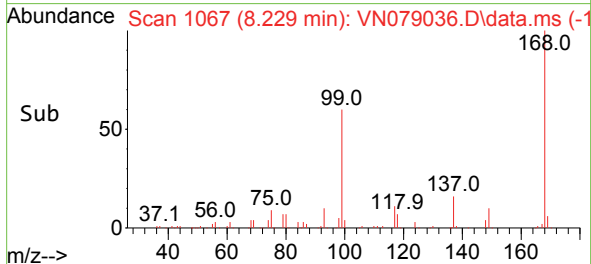


#31
Cyclohexane
Concen: Below Cal
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Instrument :
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ClientSampleId :

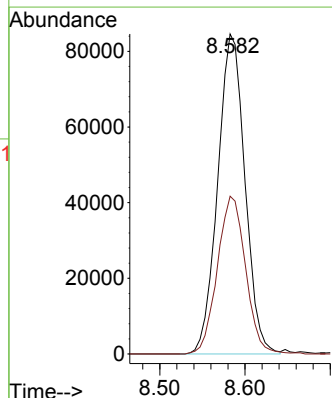
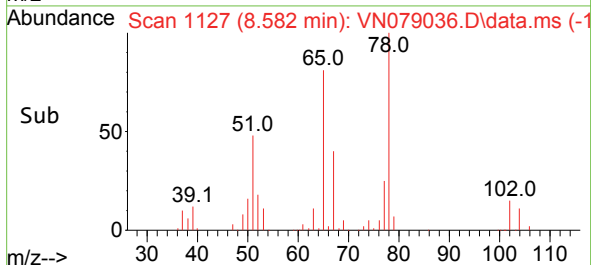
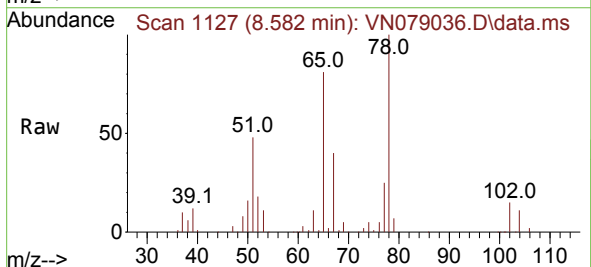


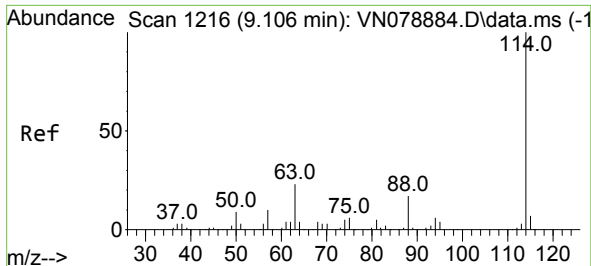
Tgt Ion: 56 Resp: 8523
Ion Ratio Lower Upper
56 100
69 136.8 26.8 40.2#
84 102.1 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 44.451 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 65 Resp: 187559
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

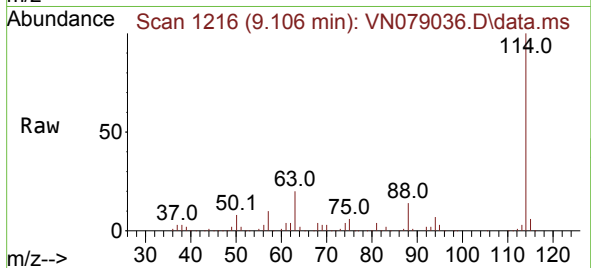
Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :



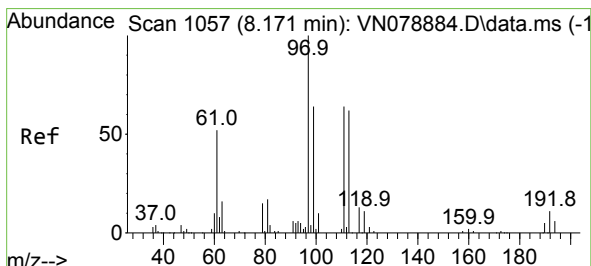
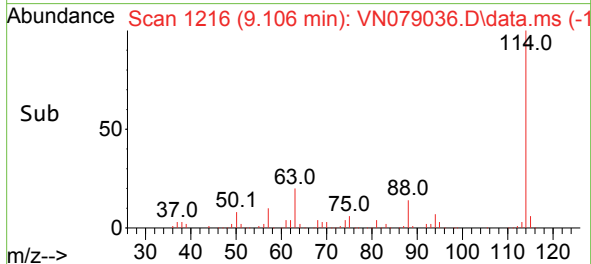
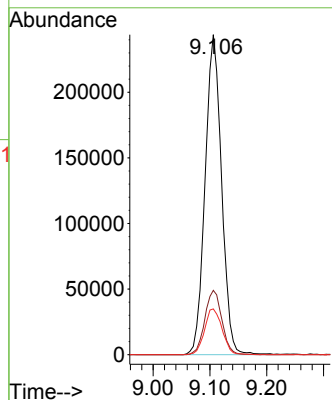
Tgt Ion:114 Resp: 490017

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.847 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

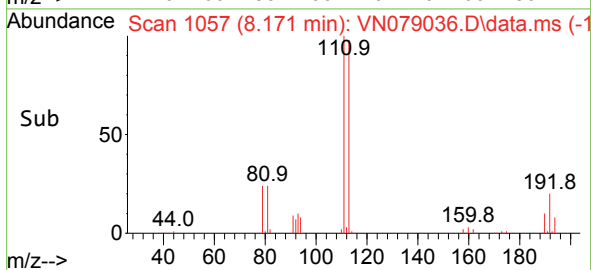
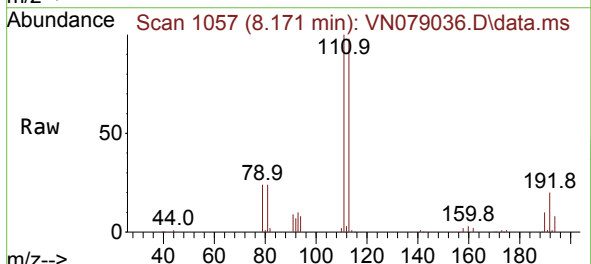
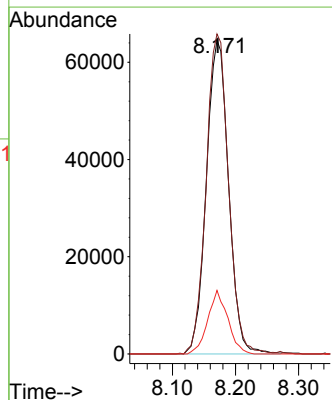
Tgt Ion:113 Resp: 157824

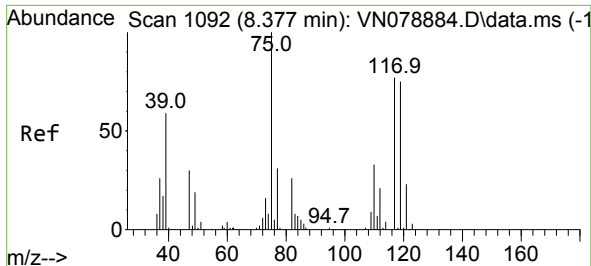
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 18.3 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.660 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

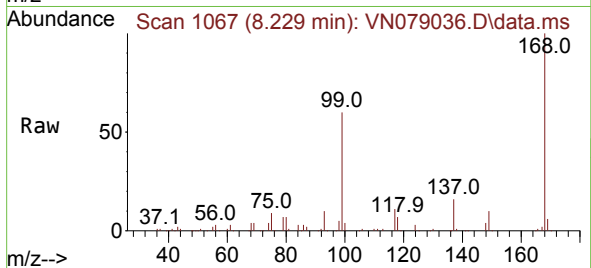
Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

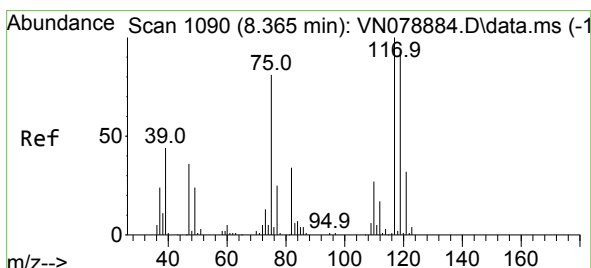
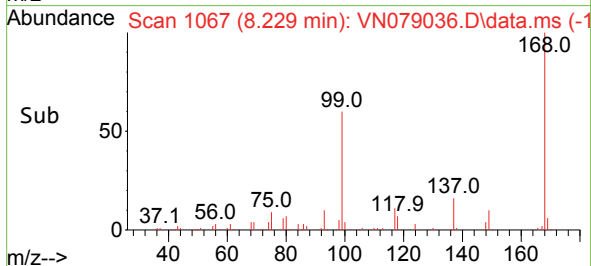
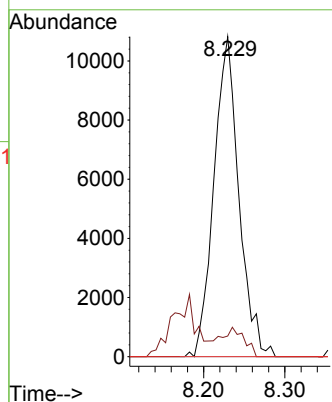
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 23120
Ion Ratio	Lower Upper
75	100
110	9.0 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.607 ug/l

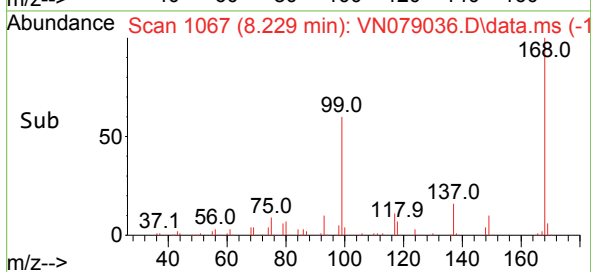
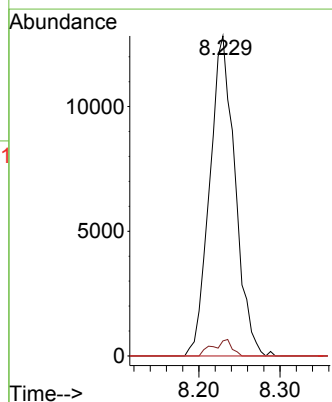
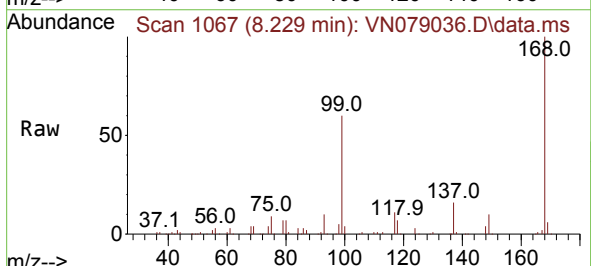
RT: 8.229 min Scan# 1067

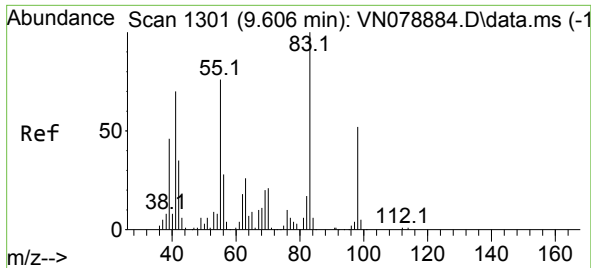
Delta R.T. -0.142 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Tgt Ion: 117	Resp: 27876
Ion Ratio	Lower Upper
117	100
119	4.7 77.3 115.9#
121	0.0 23.3 34.9#

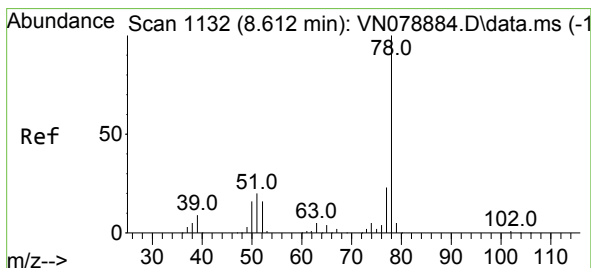
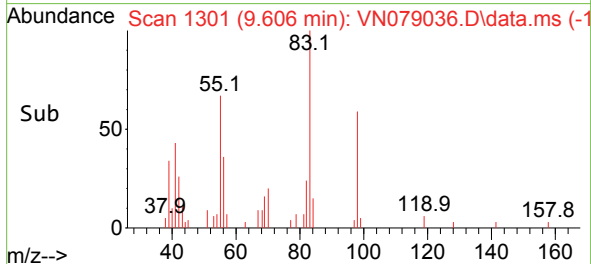
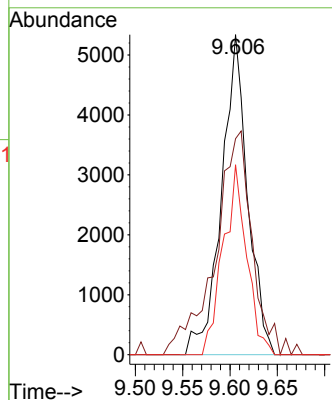
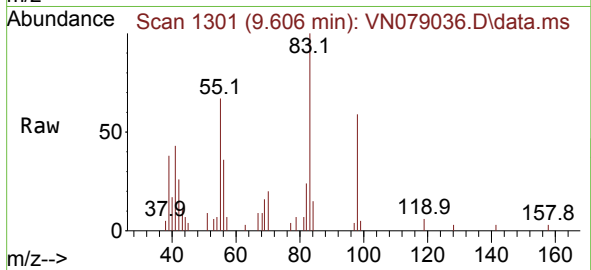




#39
Methylcyclohexane
Concen: 2.246 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

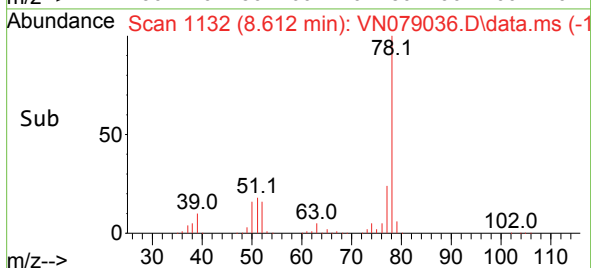
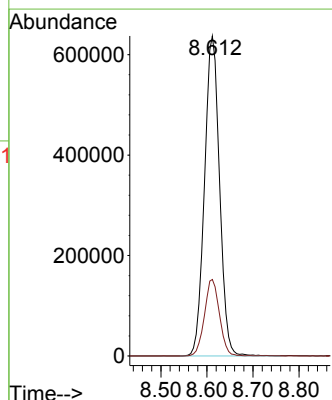
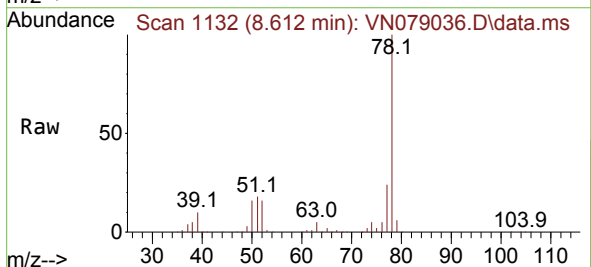
Instrument :
MSVOA_N
ClientSampleId :

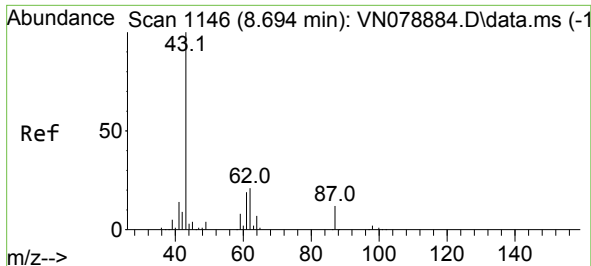
Tgt Ion: 83 Resp: 10249
Ion Ratio Lower Upper
83 100
55 67.5 49.1 73.7
98 59.3 40.6 61.0



#40
Benzene
Concen: 99.056 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 78 Resp: 1452767
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

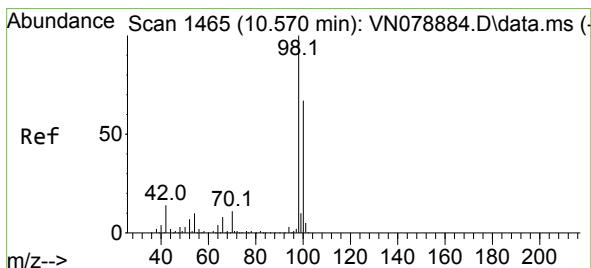
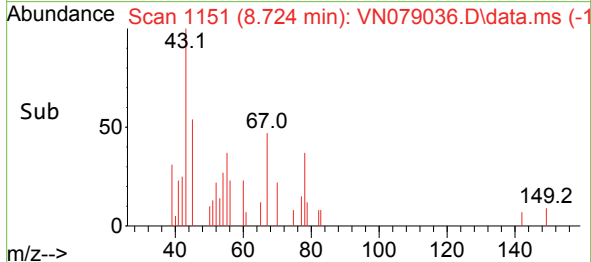
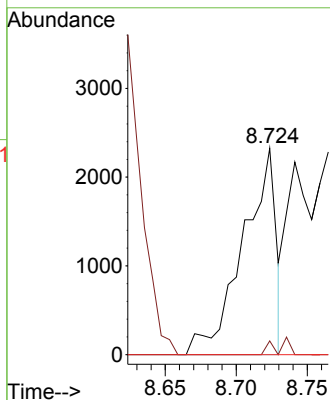
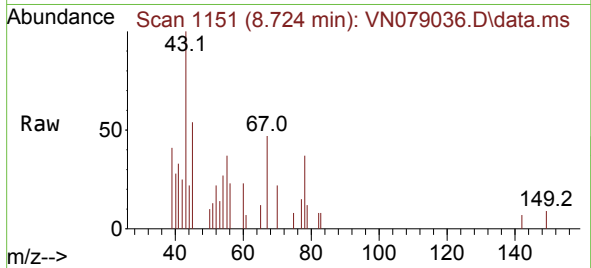




#43
Isopropyl Acetate
Concen: 0.385 ug/l
RT: 8.724 min Scan# 1146
Delta R.T. 0.030 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

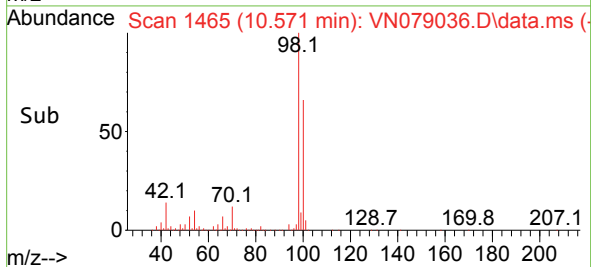
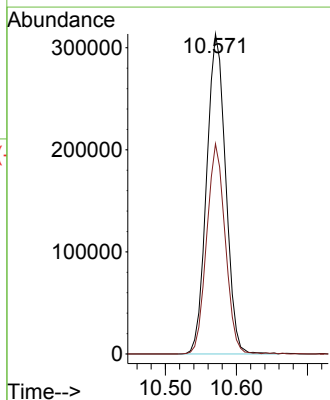
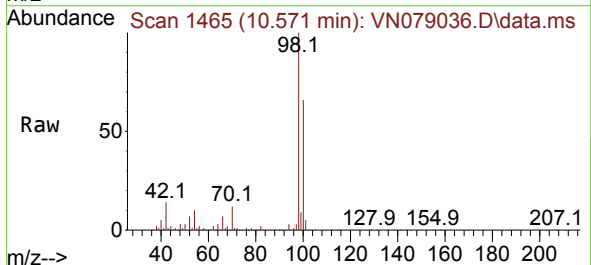
Instrument :
MSVOA_N
ClientSampleId :

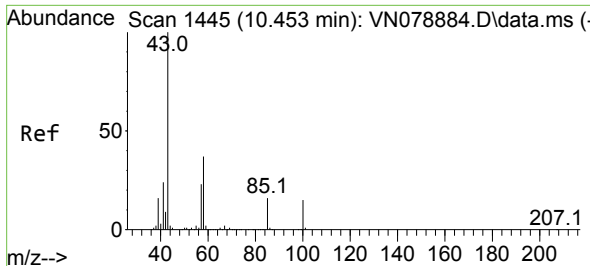
Tgt Ion: 43 Resp: 3780
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.607 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 98 Resp: 583083
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

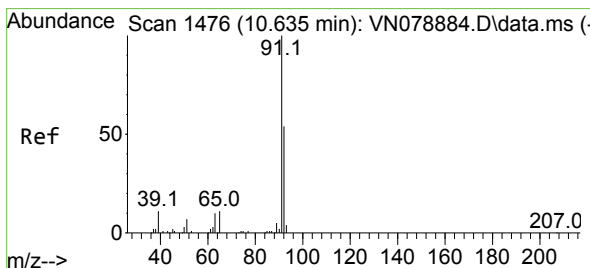
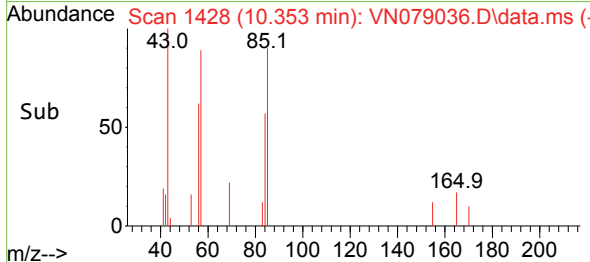
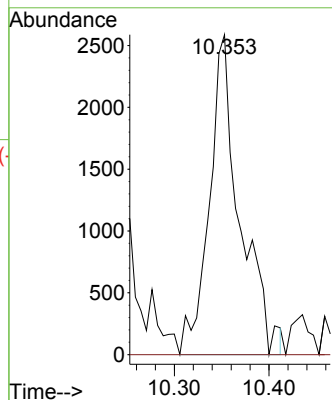
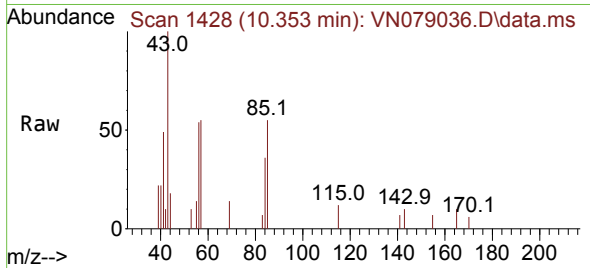




#51
4-Methyl-2-Pentanone
Concen: 0.992 ug/l
RT: 10.353 min Scan# 1445
Delta R.T. -0.100 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

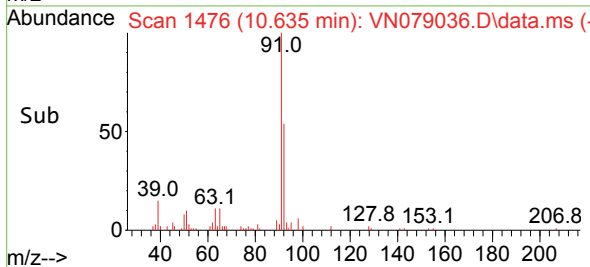
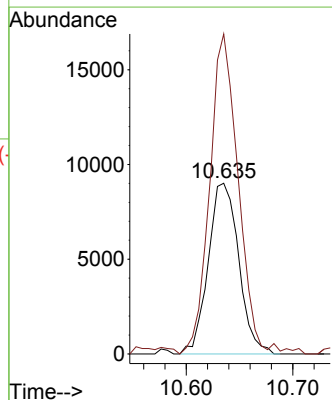
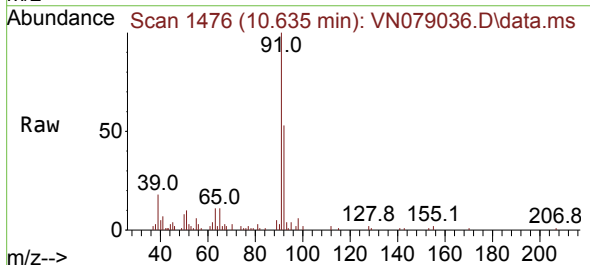
Instrument :
MSVOA_N
ClientSampleId :

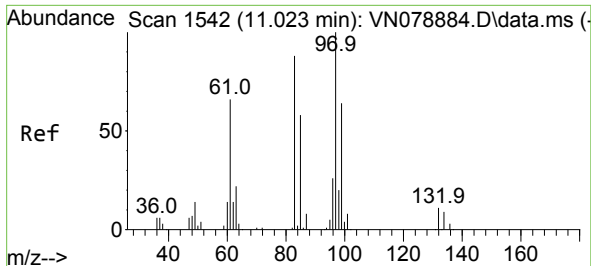
Tgt Ion: 43 Resp: 5771
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#



#52
Toluene
Concen: 1.991 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

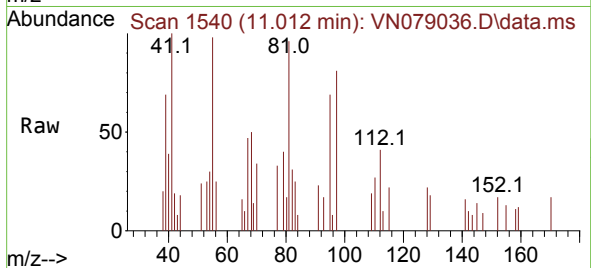
Tgt Ion: 92 Resp: 17924
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0



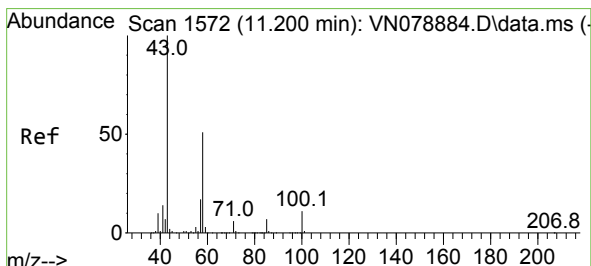
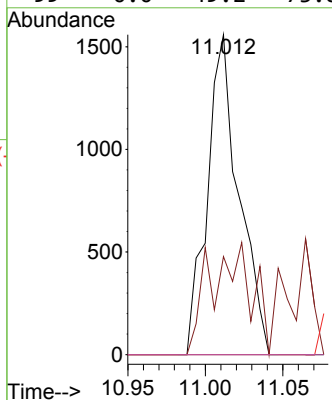
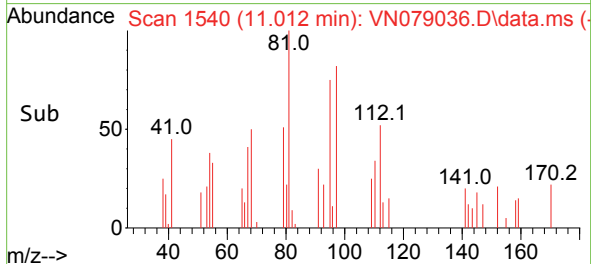


#55
 1,1,2-Trichloroethane
 Concen: 0.613 ug/l
 RT: 11.012 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VN079036.D
 Acq: 24 Aug 2023 17:06

Instrument :
 MSVOA_N
 ClientSampleId :

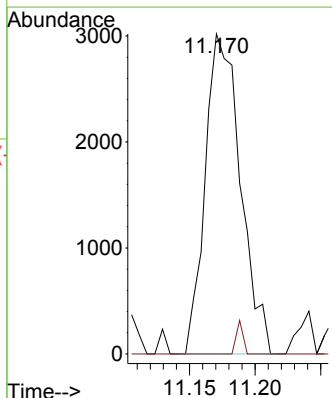
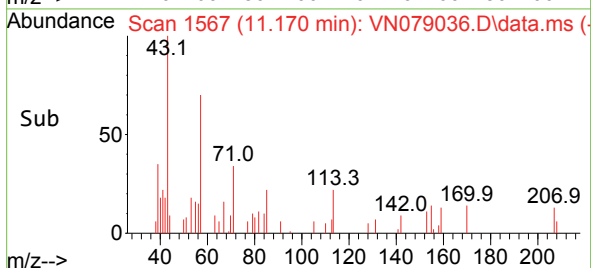
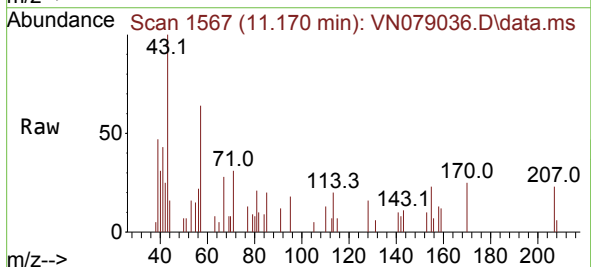


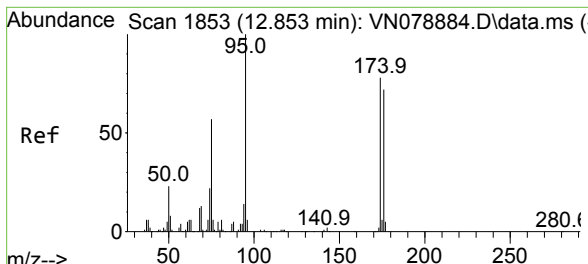
Tgt Ion: 97	Resp: 2213
Ion Ratio	Lower Upper
97 100	
83 30.7	65.1 97.7#
85 0.0	43.4 65.2#
99 0.0	49.2 73.8#



#59
 2-Hexanone
 Concen: 1.338 ug/l
 RT: 11.170 min Scan# 1567
 Delta R.T. -0.030 min
 Lab File: VN079036.D
 Acq: 24 Aug 2023 17:06

Tgt Ion: 43	Resp: 5641
Ion Ratio	Lower Upper
43 100	
58 2.0	31.7 95.1#

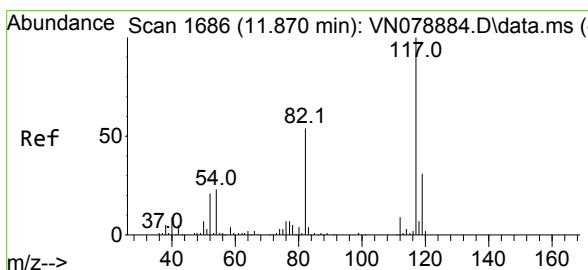
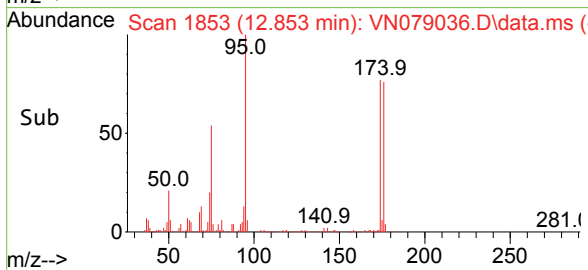
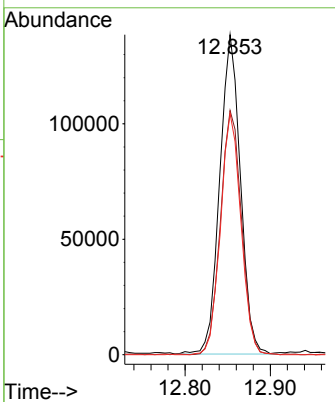
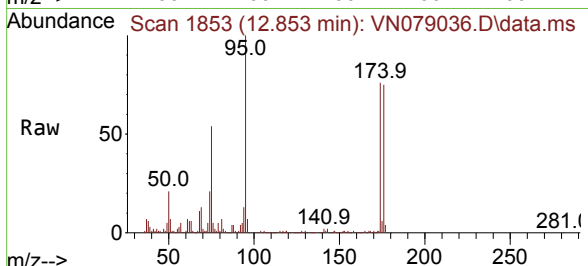




#62
 4-Bromofluorobenzene
 Concen: 58.343 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN079036.D
 Acq: 24 Aug 2023 17:06

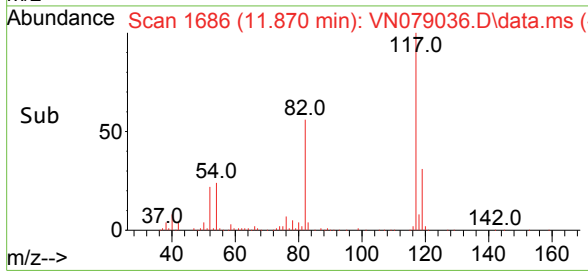
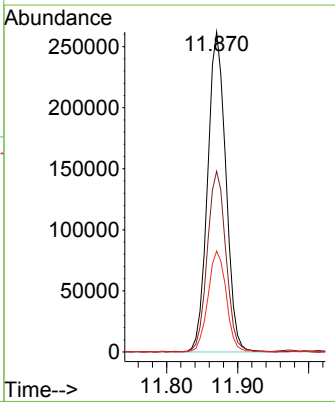
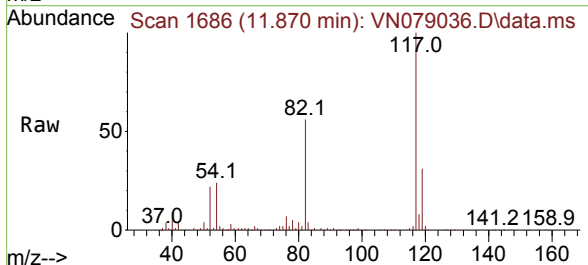
Instrument :
 MSVOA_N
 ClientSampleId :

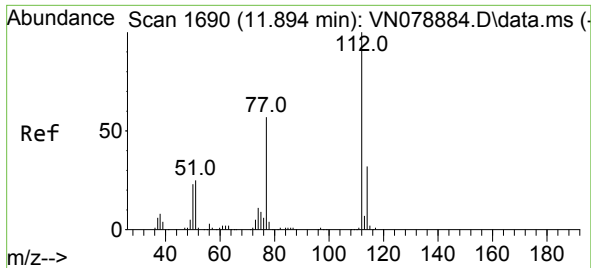
Tgt Ion:	95	Resp:	233566
Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	143.8
176	74.5	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079036.D
 Acq: 24 Aug 2023 17:06

Tgt Ion:	117	Resp:	466419
Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.0	66.0
119	31.5	25.6	38.4

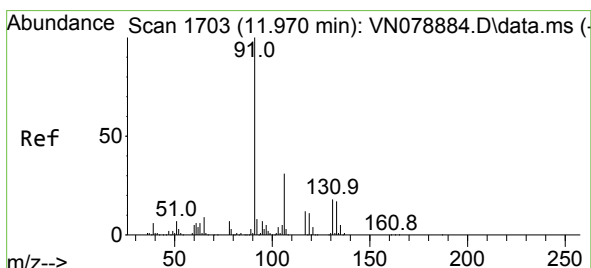
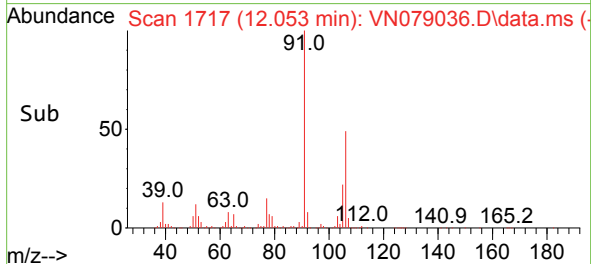
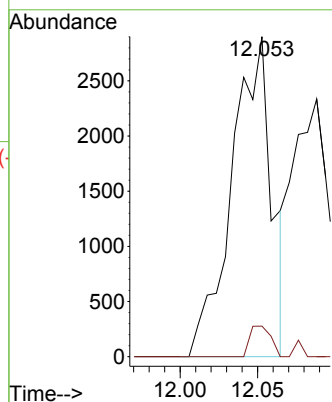
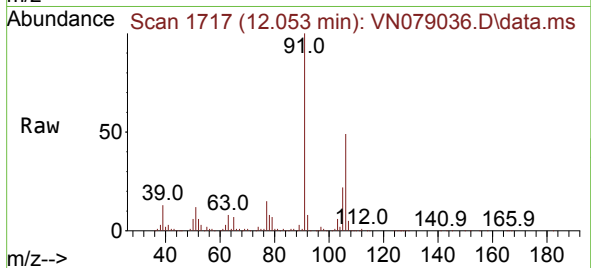




#65
Chlorobenzene
Concen: 0.522 ug/l
RT: 12.053 min Scan# 11
Delta R.T. 0.159 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

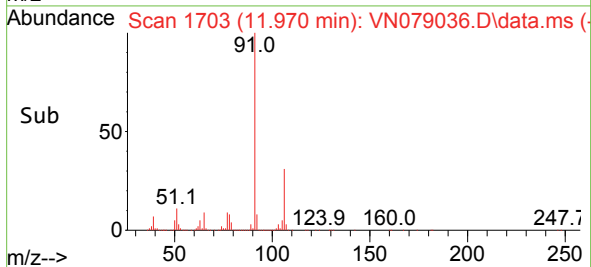
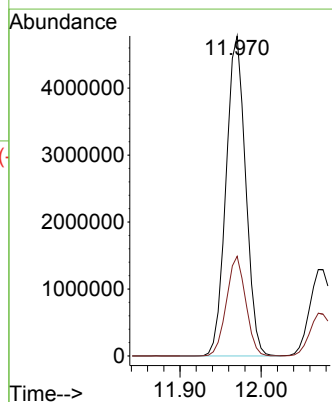
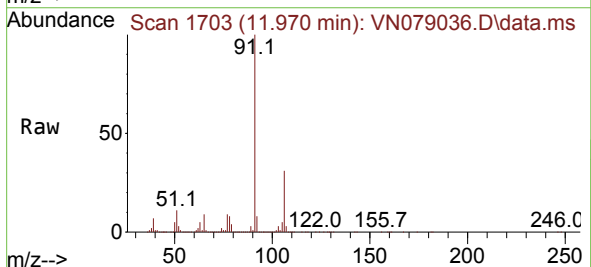
Instrument :
MSVOA_N
ClientSampleId :

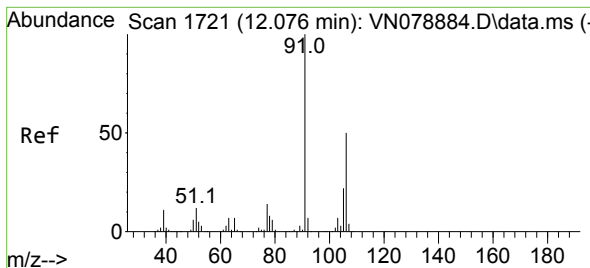
Tgt Ion:112 Resp: 5179
Ion Ratio Lower Upper
112 100
114 9.5 25.0 37.4#



#67
Ethyl Benzene
Concen: 443.550 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 91 Resp: 8008280
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4





#68

m/p-Xylenes

Concen: 184.600 ug/l

RT: 12.070 min Scan# 1721

Delta R.T. -0.006 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

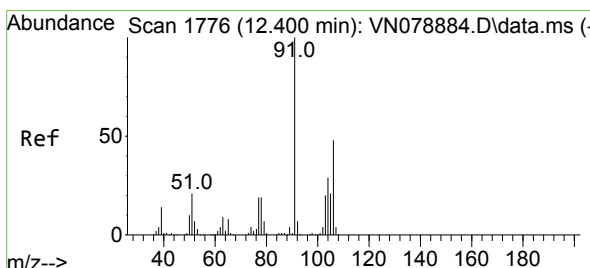
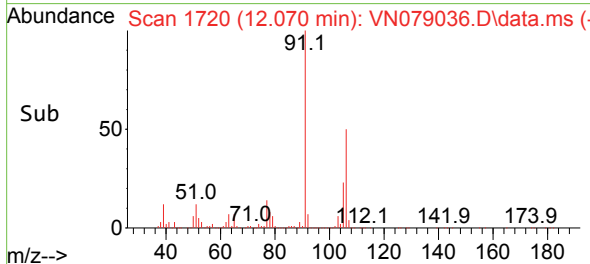
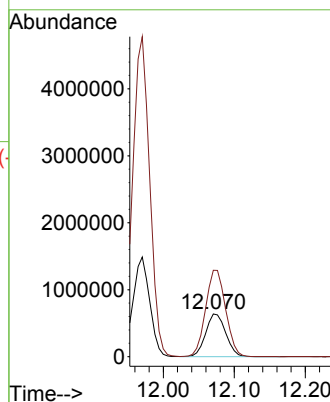
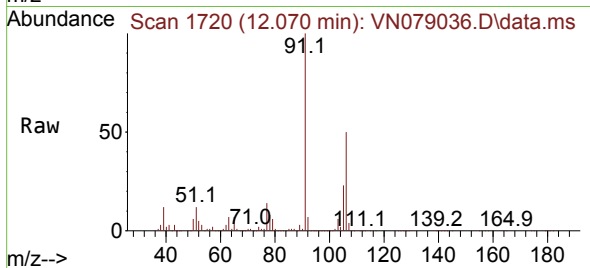
ClientSampleId :

Tgt Ion:106 Resp: 1246124

Ion Ratio Lower Upper

106 100

91 202.9 159.6 239.4



#69

o-Xylene

Concen: 133.670 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079036.D

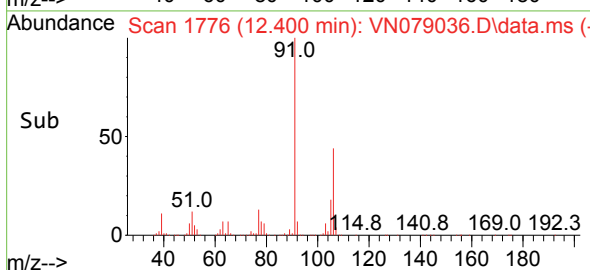
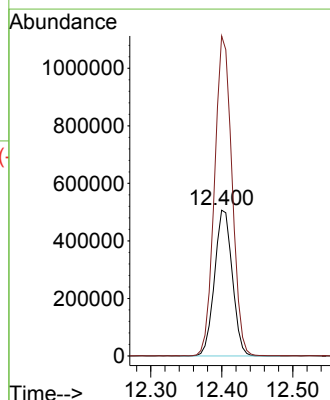
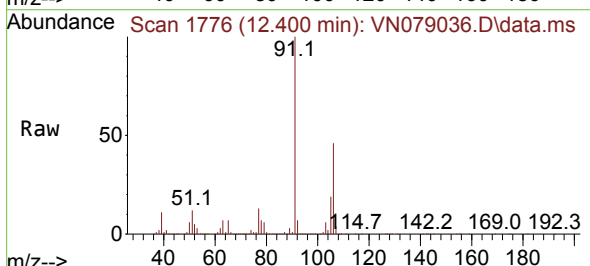
Acq: 24 Aug 2023 17:06

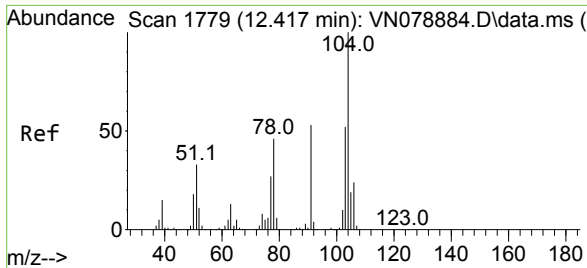
Tgt Ion:106 Resp: 877757

Ion Ratio Lower Upper

106 100

91 216.1 105.2 315.5

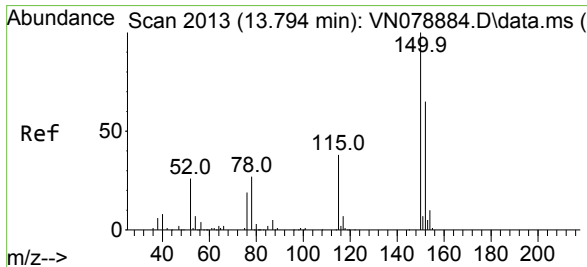
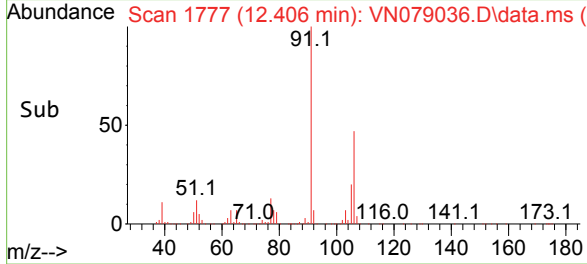
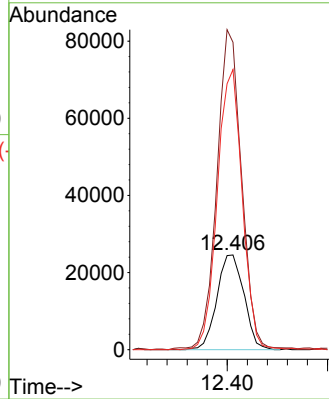
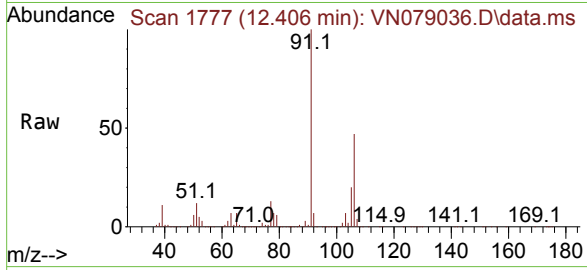




#70
Styrene
Concen: 4.190 ug/l
RT: 12.406 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

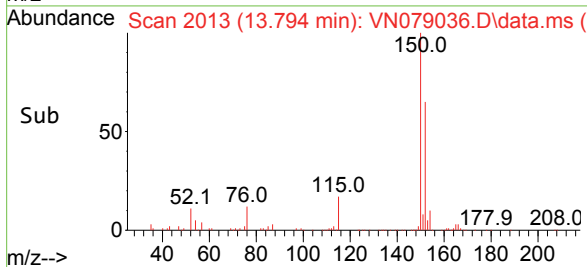
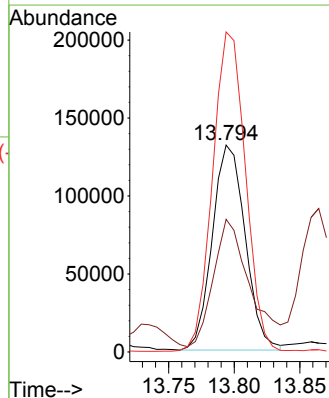
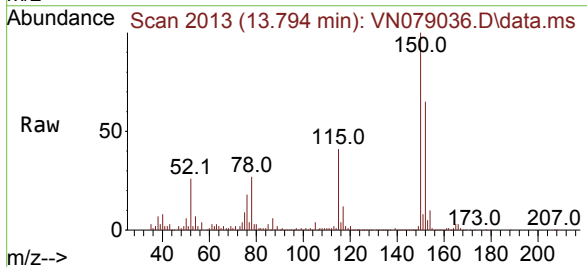
Instrument :
MSVOA_N
ClientSampleId :

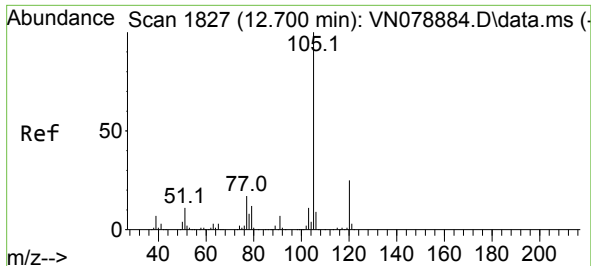
Tgt Ion:104 Resp: 45881
Ion Ratio Lower Upper
104 100
78 309.7 39.5 59.3#
103 274.4 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

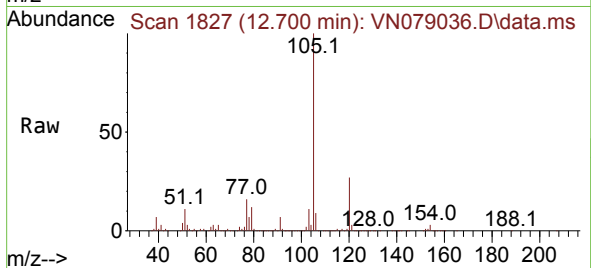
Tgt Ion:152 Resp: 229732
Ion Ratio Lower Upper
152 100
115 68.3 32.3 96.8
150 155.3 0.0 355.8



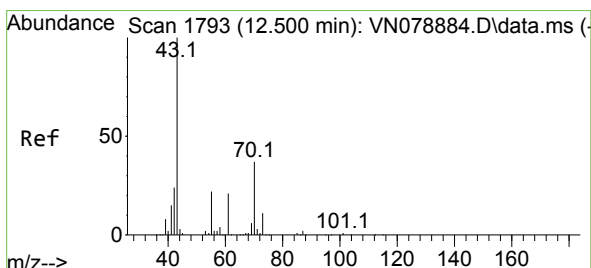
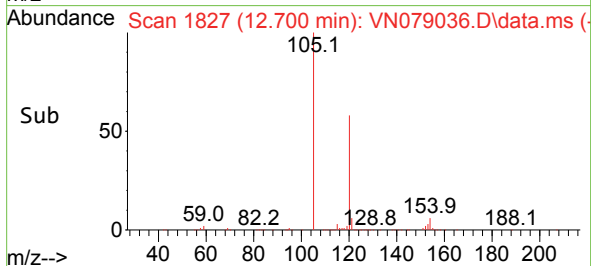
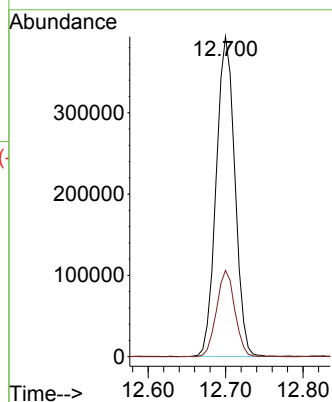


#73
Isopropylbenzene
Concen: 34.338 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :

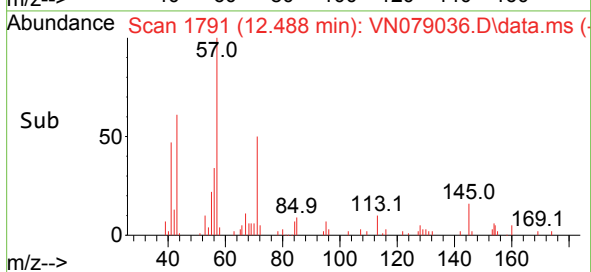
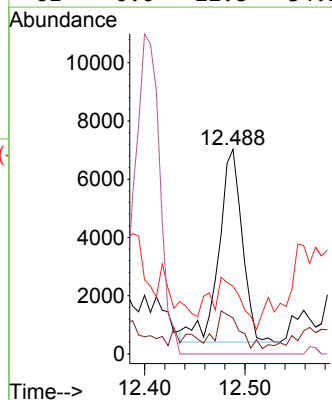
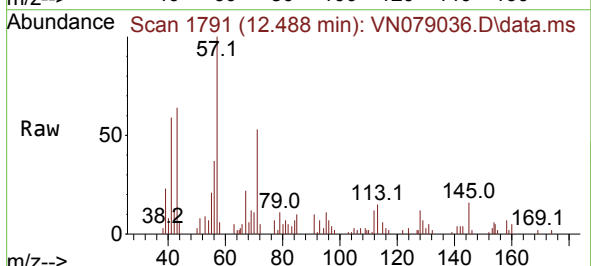


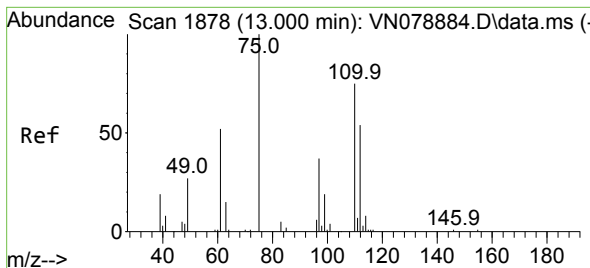
Tgt Ion:105 Resp: 657765
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 1.110 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 43 Resp: 10734
Ion Ratio Lower Upper
43 100
70 19.0 43.4 65.2#
55 33.6 21.4 32.0#
61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 2.111 ug/l

RT: 13.100 min Scan# 11

Delta R.T. 0.100 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

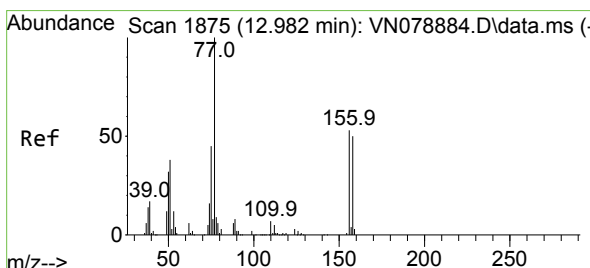
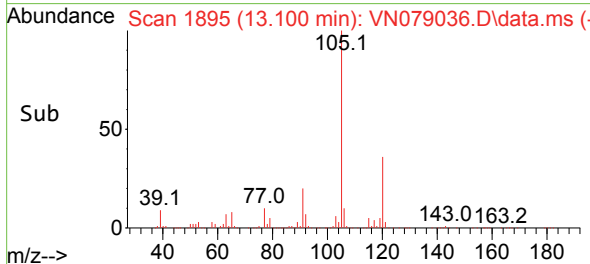
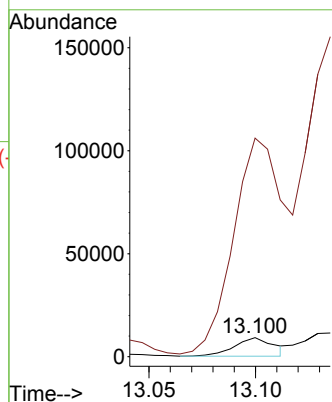
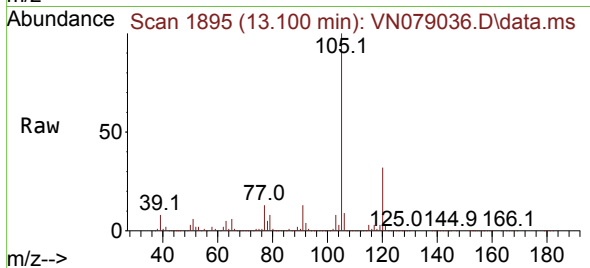
ClientSampleId :

Tgt Ion: 75 Resp: 11688

Ion Ratio Lower Upper

75 100

77 1530.1 84.5 253.5#



#77

Bromobenzene

Concen: 0.647 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.018 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

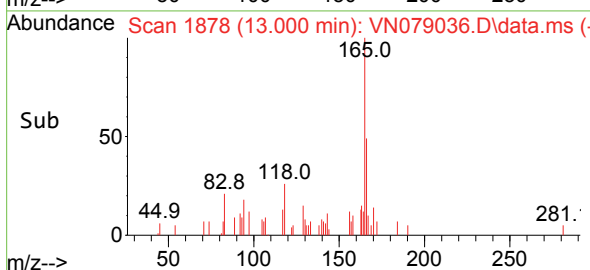
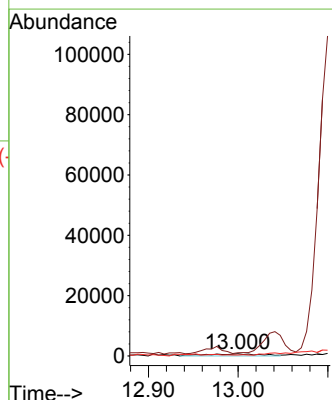
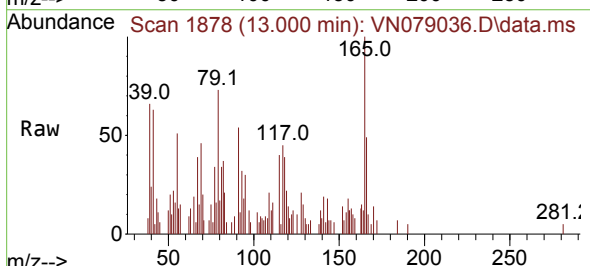
Tgt Ion: 156 Resp: 2981

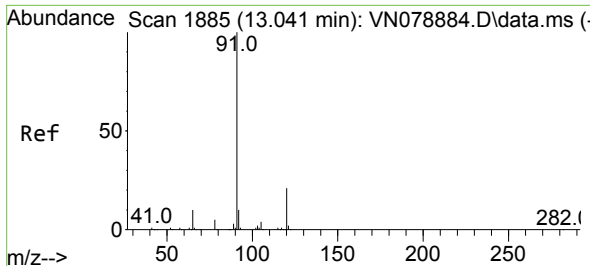
Ion Ratio Lower Upper

156 100

77 0.0 107.7 323.3#

158 0.0 48.4 145.3#

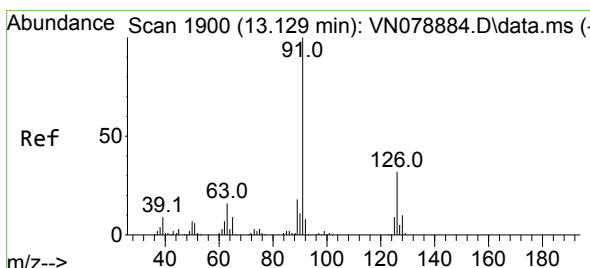
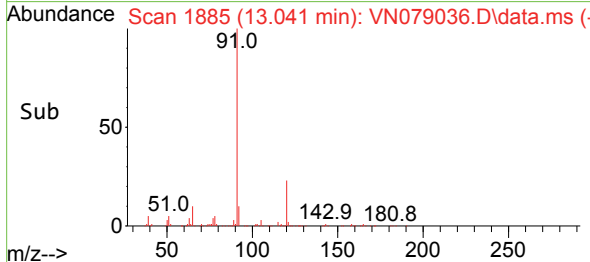
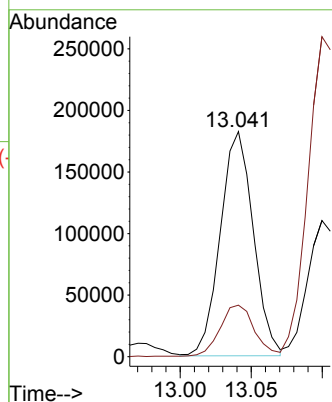
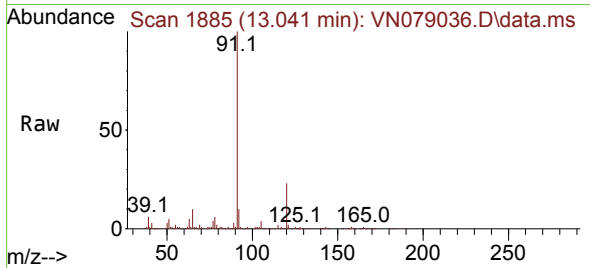




#78
n-propylbenzene
Concen: 13.253 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

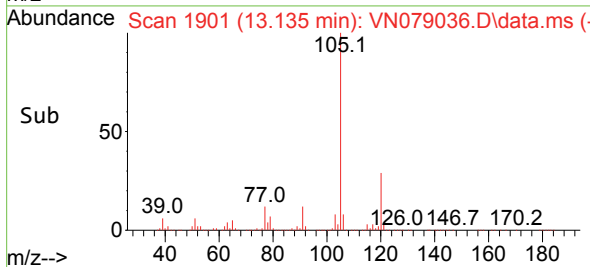
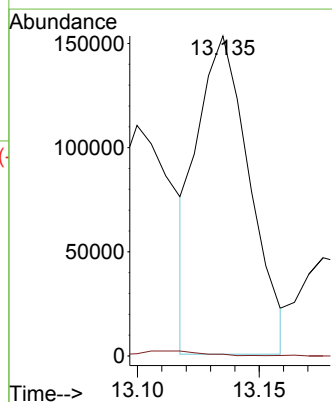
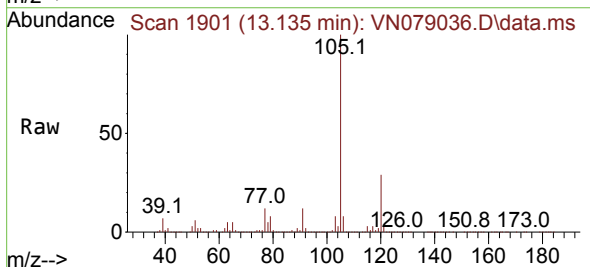
Instrument :
MSVOA_N
ClientSampleId :

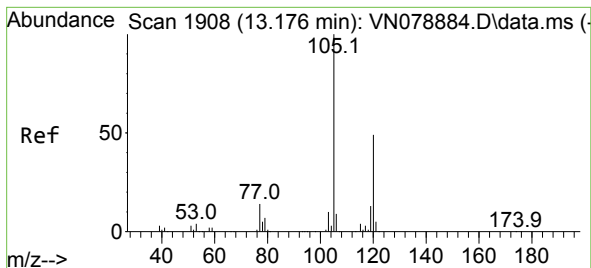
Tgt Ion: 91 Resp: 294381
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4



#79
2-Chlorotoluene
Concen: 16.594 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 91 Resp: 228643
Ion Ratio Lower Upper
91 100
126 2.1 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 40.646 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

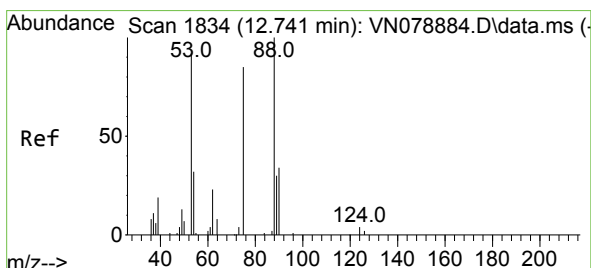
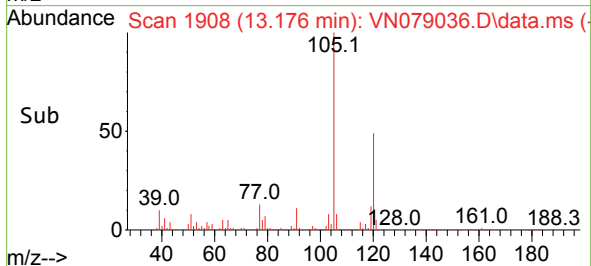
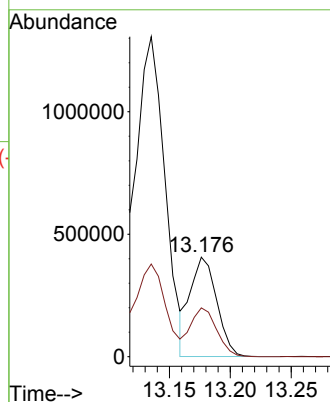
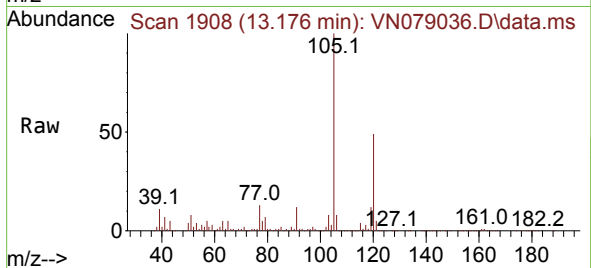
ClientSampleId :

Tgt Ion:105 Resp: 617001

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 4.299 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.041 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

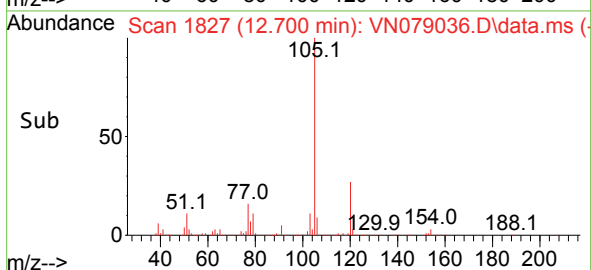
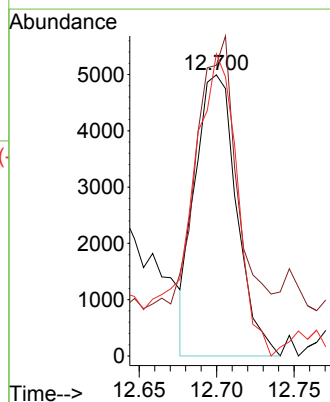
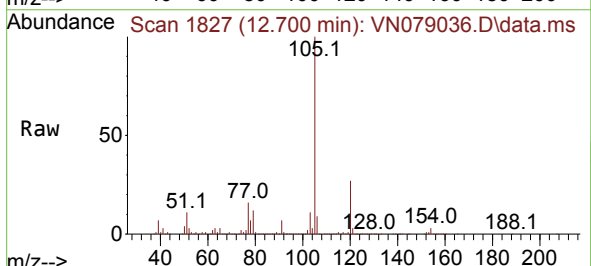
Tgt Ion: 75 Resp: 9315

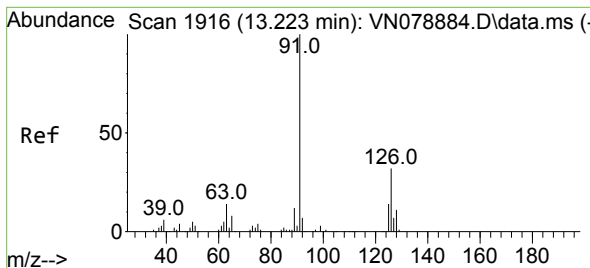
Ion Ratio Lower Upper

75 100

53 86.4 67.4 101.2

89 118.9 38.8 58.2#





#82

4-Chlorotoluene

Concen: 4.601 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.053 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

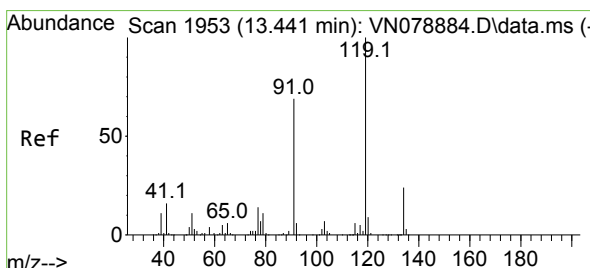
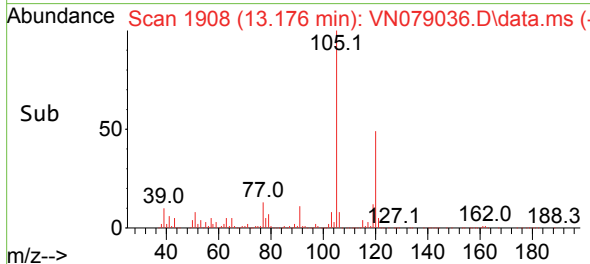
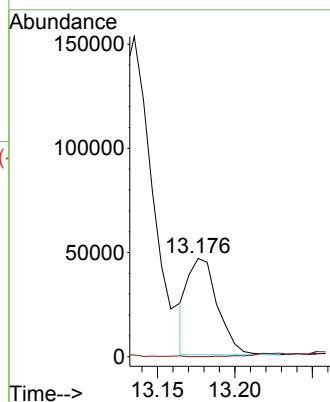
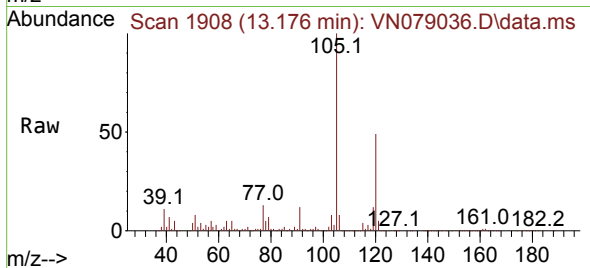
ClientSampleId :

Tgt Ion: 91 Resp: 62032

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#83

tert-Butylbenzene

Concen: 23.177 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.047 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

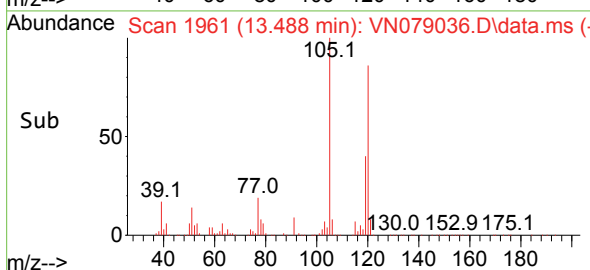
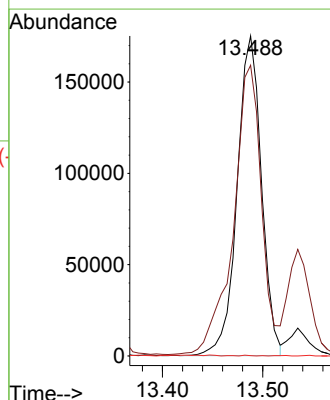
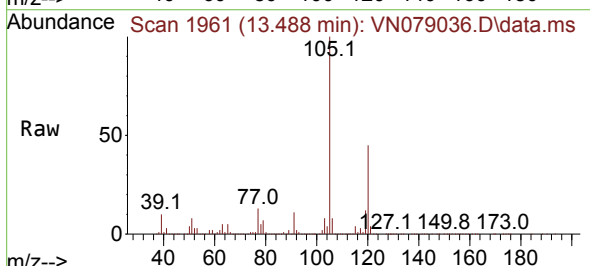
Tgt Ion: 119 Resp: 295604

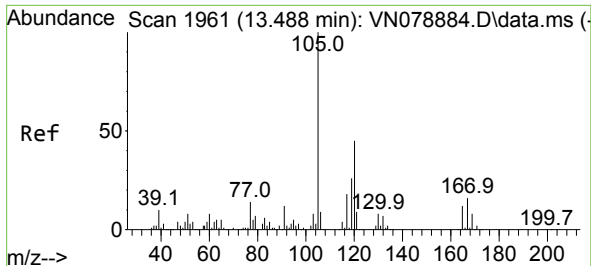
Ion Ratio Lower Upper

119 100

91 104.9 33.9 101.7#

134 0.0 13.2 39.6#

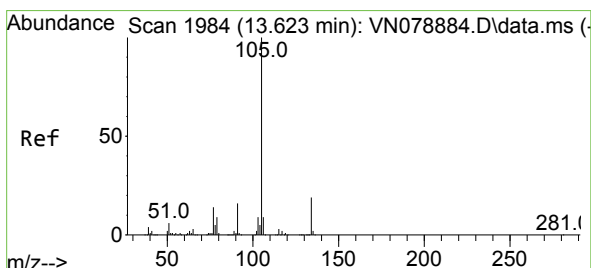
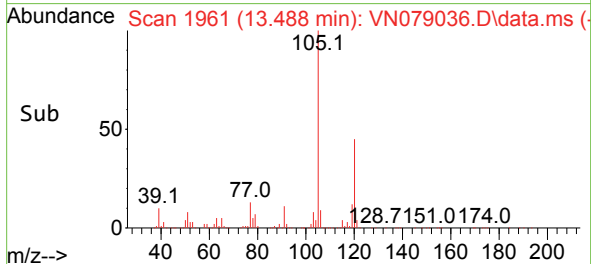
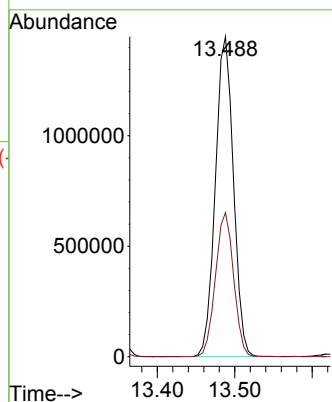
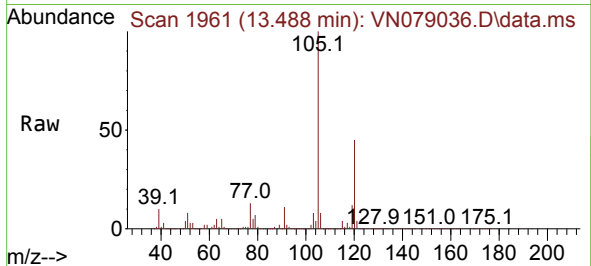




#84
1,2,4-Trimethylbenzene
Concen: 155.795 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

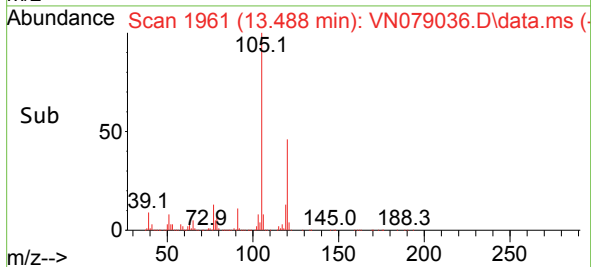
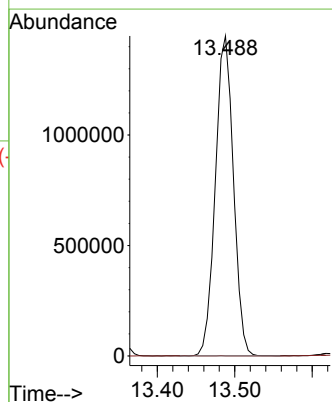
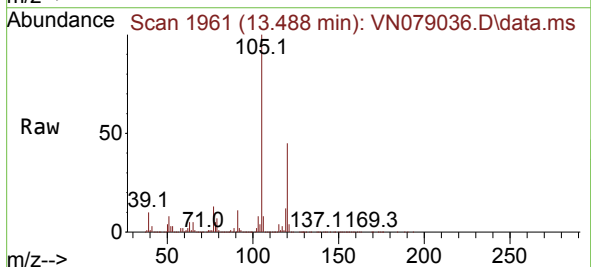
Instrument :
MSVOA_N
ClientSampleId :

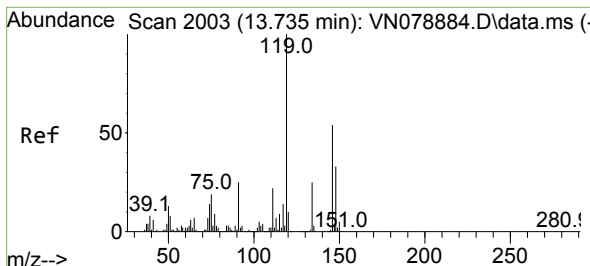
Tgt Ion:105 Resp: 2341738
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 133.413 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.135 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

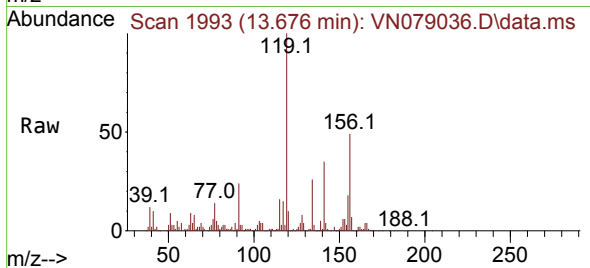
Tgt Ion:105 Resp: 2341738
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#



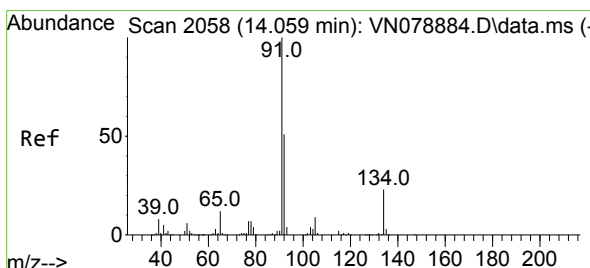
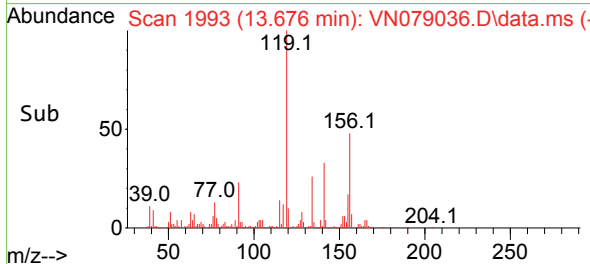
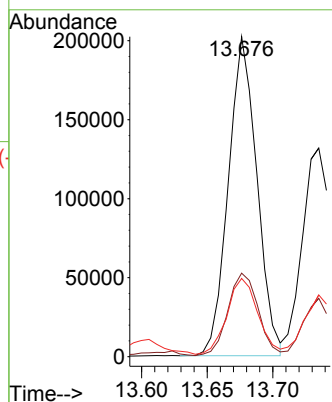


#86
p-Isopropyltoluene
Concen: 21.827 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. -0.059 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :

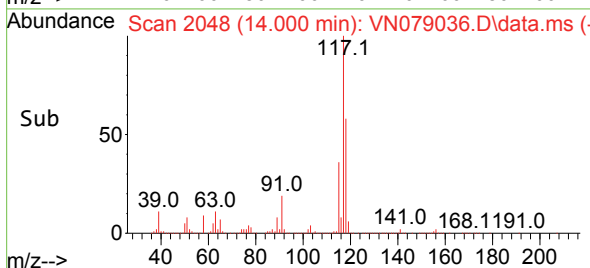
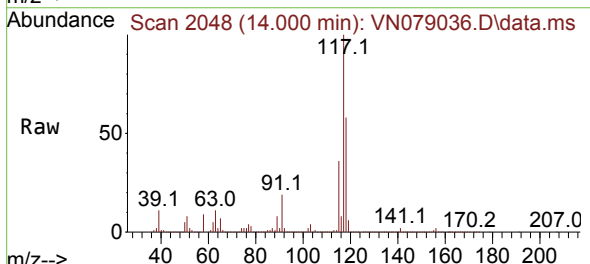
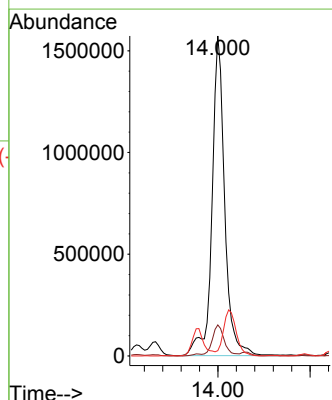


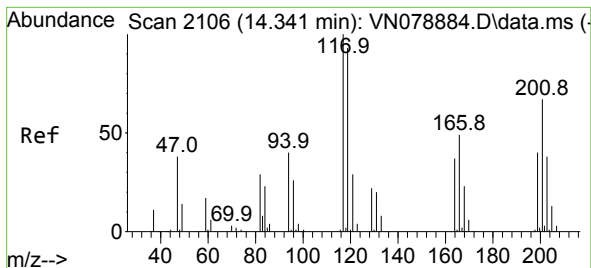
Tgt Ion:119 Resp: 306097
Ion Ratio Lower Upper
119 100
134 27.8 12.6 37.8
91 25.4 12.4 37.2



#89
n-Butylbenzene
Concen: 260.827 ug/l
RT: 14.000 min Scan# 2048
Delta R.T. -0.059 min
Lab File: VN079036.D
Acq: 24 Aug 2023 17:06

Tgt Ion: 91 Resp: 3010149
Ion Ratio Lower Upper
91 100
92 9.7 26.4 79.0#
134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 48.180 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

Instrument :

MSVOA_N

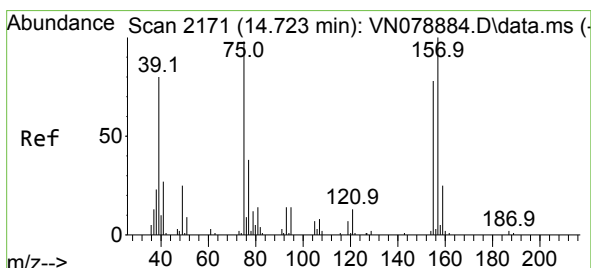
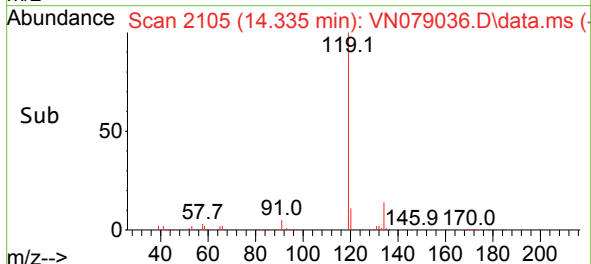
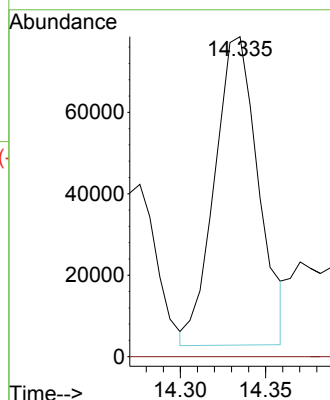
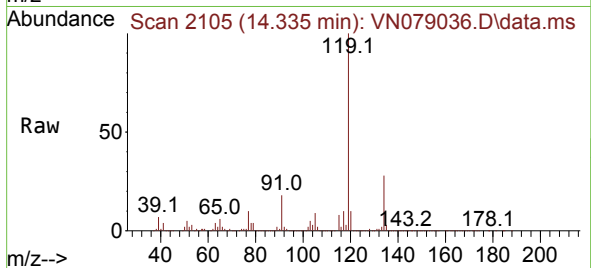
ClientSampleId :

Tgt Ion:117 Resp: 135440

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.706 min Scan# 2168

Delta R.T. -0.017 min

Lab File: VN079036.D

Acq: 24 Aug 2023 17:06

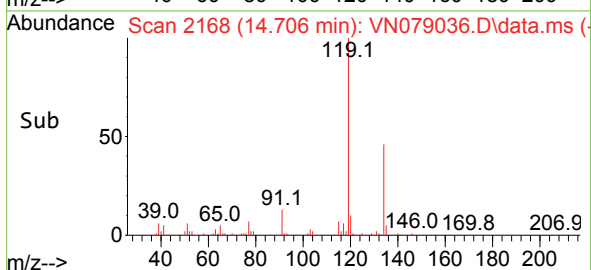
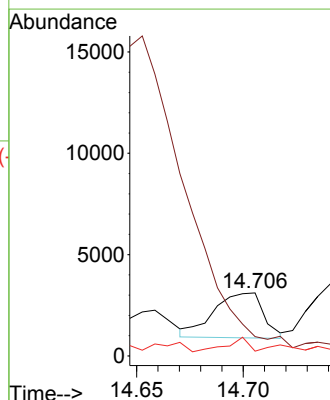
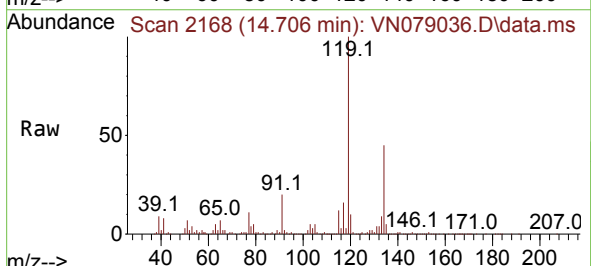
Tgt Ion: 75 Resp: 3575

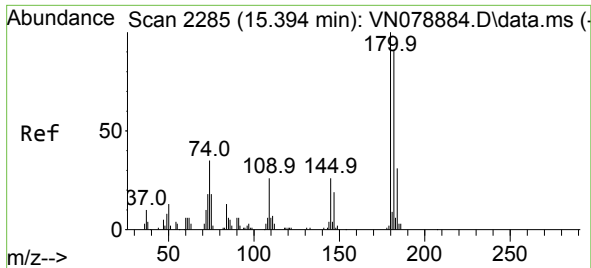
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

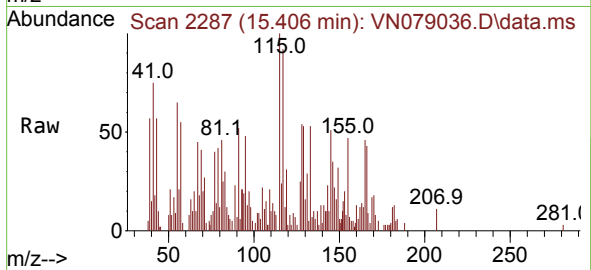
157 0.0 50.3 150.9#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.208 ug/l
 RT: 15.406 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN079036.D
 Acq: 24 Aug 2023 17:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 580
 Ion Ratio Lower Upper
 180 100
 182 83.6 46.1 138.2
 145 0.0 16.6 49.8#

