

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079747.D
 Acq On : 31 Oct 2023 16:31
 Operator : JC\MD
 Sample : 05107-23 20X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:22:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	276768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	223075	50.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.380%	
35) Dibromofluoromethane	8.171	113	200559	53.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.360%	
50) Toluene-d8	10.571	98	643911	45.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.600%	
62) 4-Bromofluorobenzene	12.853	95	257526	58.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.340%	

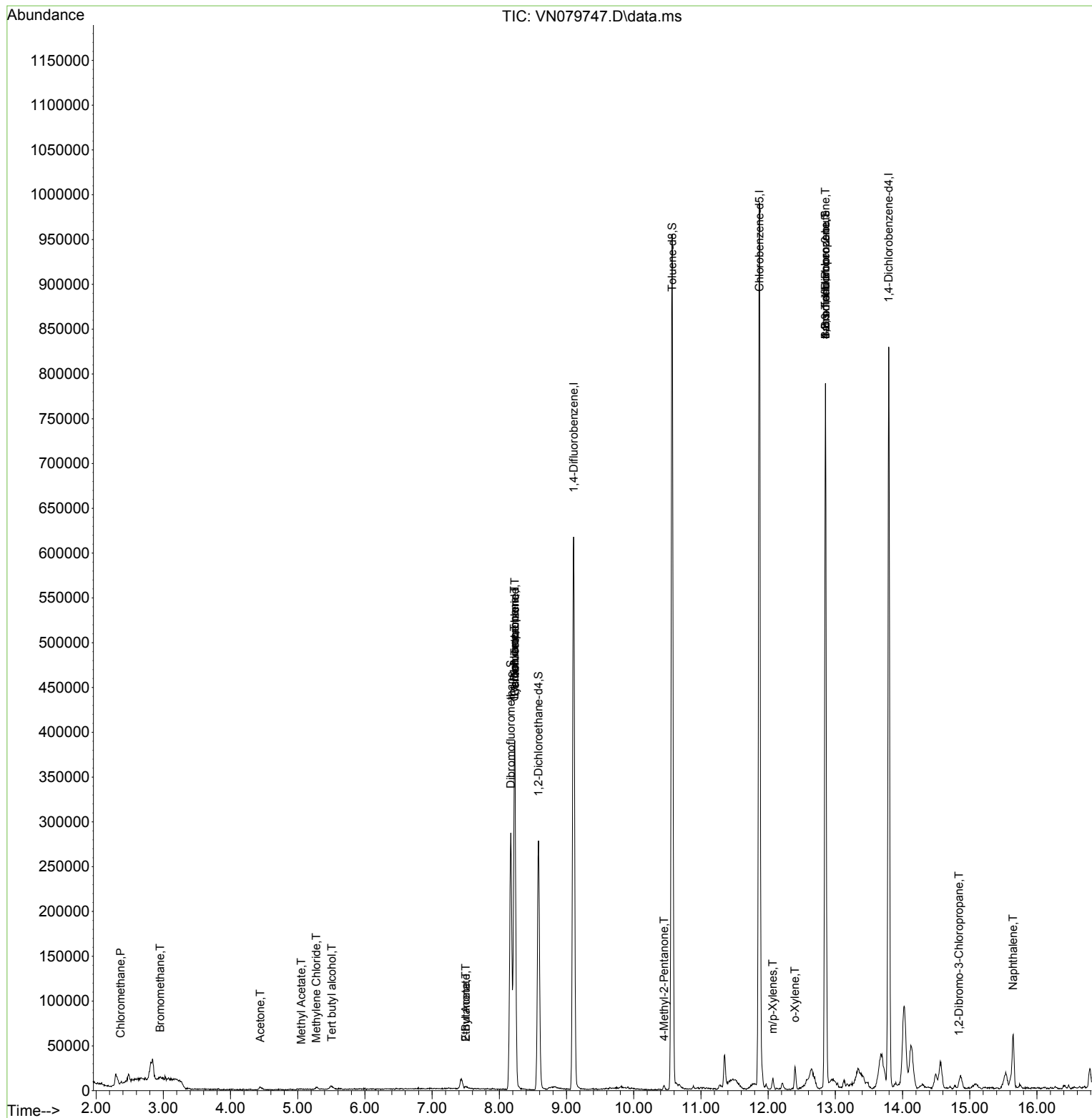
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1263	0.285	ug/l #	76
5) Bromomethane	2.954	94	910	0.291	ug/l	95
11) Tert butyl alcohol	5.506	59	3192	5.415	ug/l #	72
16) Acetone	4.442	43	6365	3.347	ug/l #	76
18) Methyl Acetate	5.053	43	1670	0.218	ug/l #	59
20) Methylene Chloride	5.277	84	1623	0.431	ug/l #	64
25) 2-Butanone	7.500	43	4397	1.683	ug/l #	79
31) Cyclohexane	8.224	56	7790	1.285	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	24985	4.466	ug/l #	47
37) Ethyl Acetate	7.500	43	4397	0.793	ug/l #	63
38) Carbon Tetrachloride	8.230	117	30239	5.420	ug/l #	18
51) 4-Methyl-2-Pentanone	10.453	43	3273	0.593	ug/l	98
68) m/p-Xylenes	12.071	106	3141	0.389	ug/l #	66
69) o-Xylene	12.400	106	6326	0.815	ug/l	94
71) Bromoform	12.853	173	2094	0.635	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	141333	25.025	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	141333	75.487	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.841	75	210	0.204	ug/l #	2
95) Naphthalene	15.647	128	56836	9.010	ug/l	98

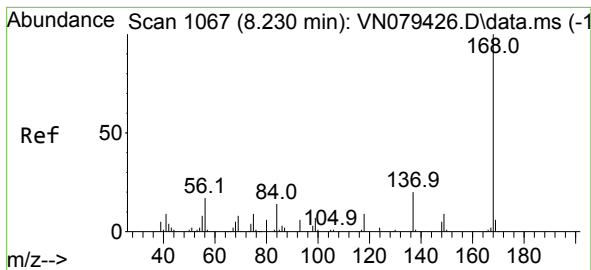
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
Data File : VN079747.D
Acq On : 31 Oct 2023 16:31
Operator : JC\MD
Sample : 05107-23 20X
Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 01 01:22:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079747.D

Acq: 31 Oct 2023 16:31

Instrument :

MSVOA_N

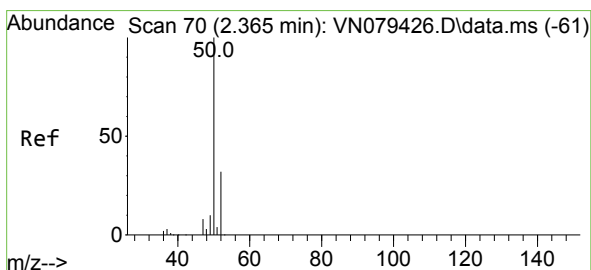
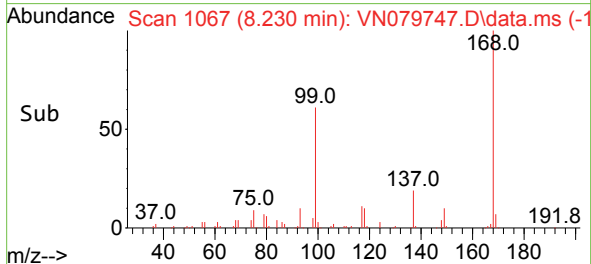
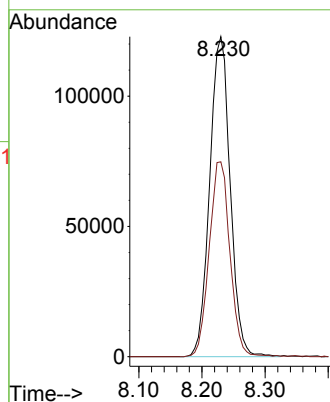
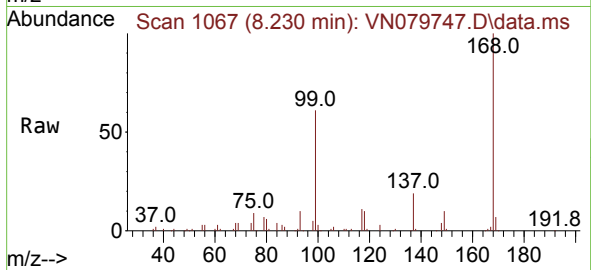
ClientSampleId :

Tgt Ion:168 Resp: 276768

Ion Ratio Lower Upper

168 100

99 60.9 53.0 79.6



#3

Chloromethane

Concen: 0.285 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079747.D

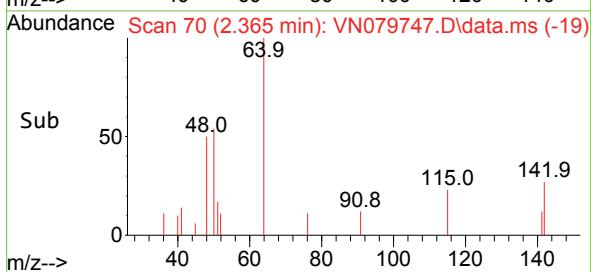
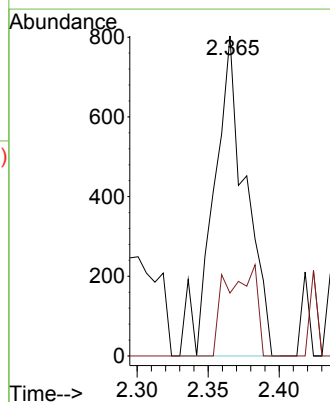
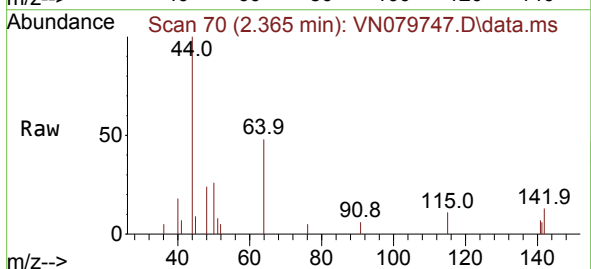
Acq: 31 Oct 2023 16:31

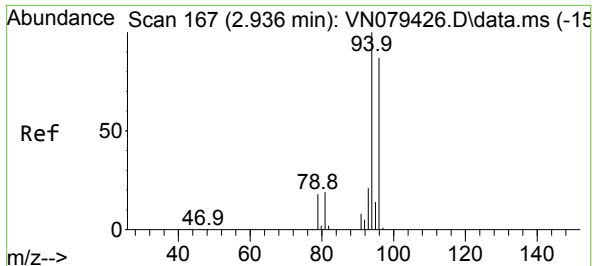
Tgt Ion: 50 Resp: 1263

Ion Ratio Lower Upper

50 100

52 19.7 26.5 39.7#

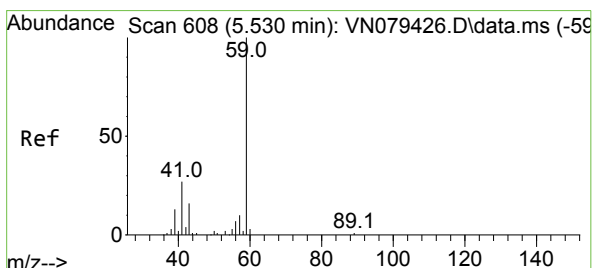
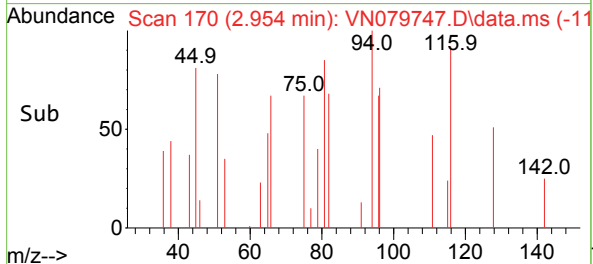
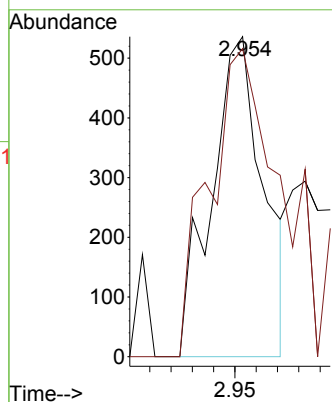
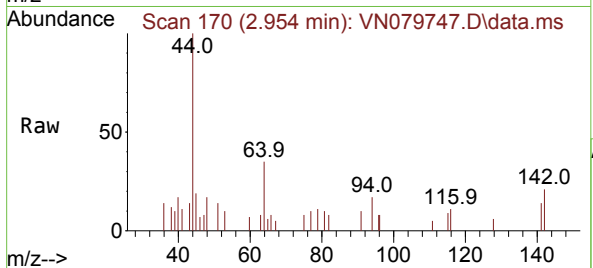




#5
Bromomethane
Concen: 0.291 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

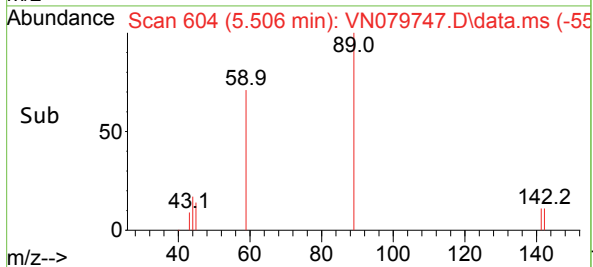
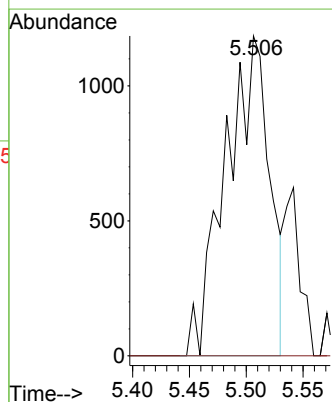
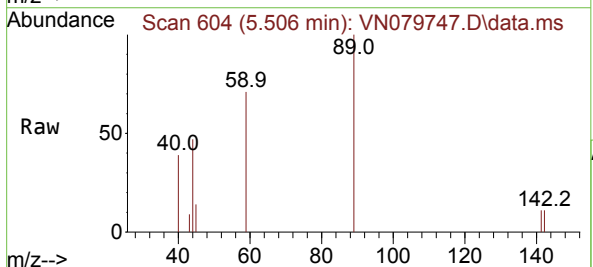
Instrument :
MSVOA_N
ClientSampleId :

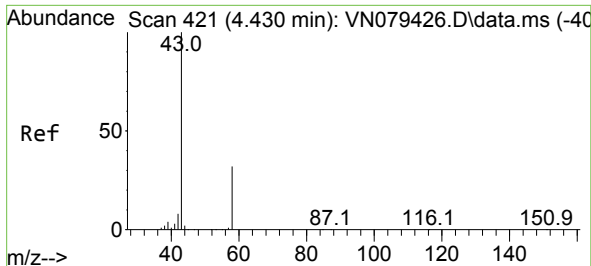
Tgt Ion: 94 Resp: 910
Ion Ratio Lower Upper
94 100
96 96.3 73.1 109.7



#11
Tert butyl alcohol
Concen: 5.415 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 59 Resp: 3192
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

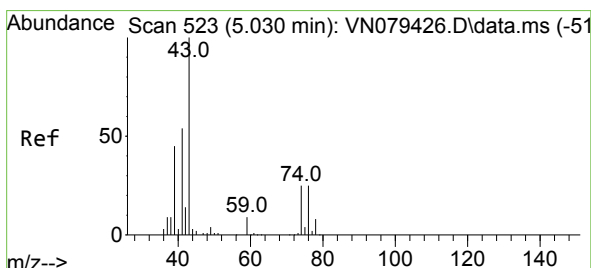
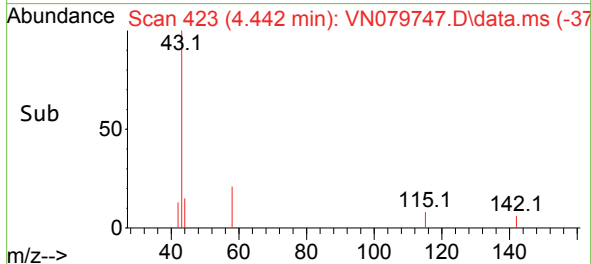
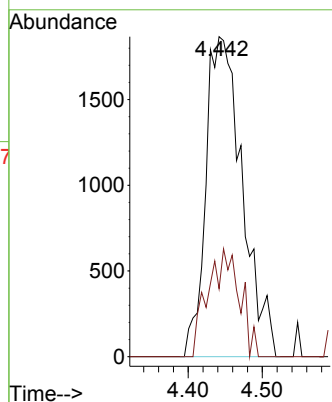
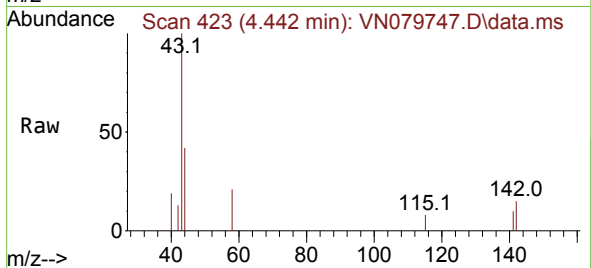




#16
Acetone
Concen: 3.347 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

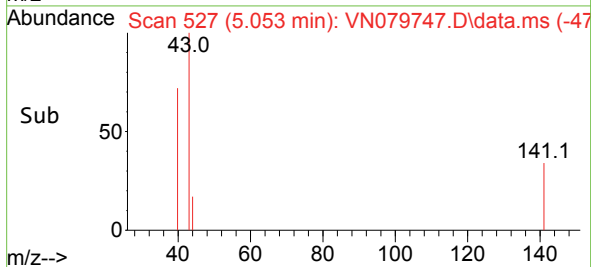
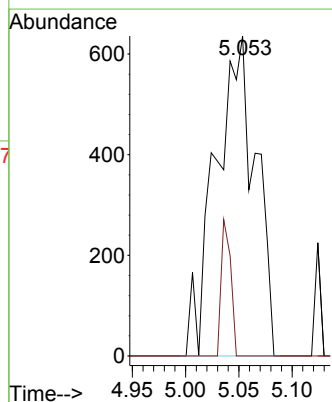
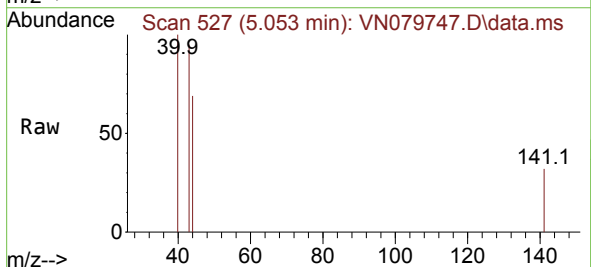
Instrument :
MSVOA_N
ClientSampleId :

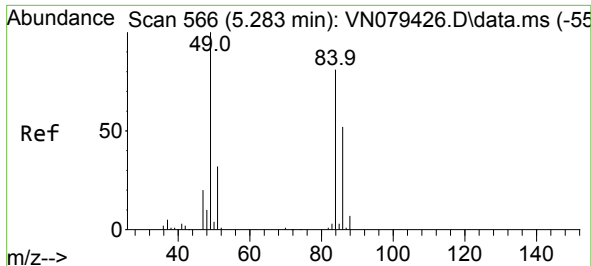
Tgt Ion: 43 Resp: 6365
Ion Ratio Lower Upper
43 100
58 21.3 28.0 42.0#



#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.023 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

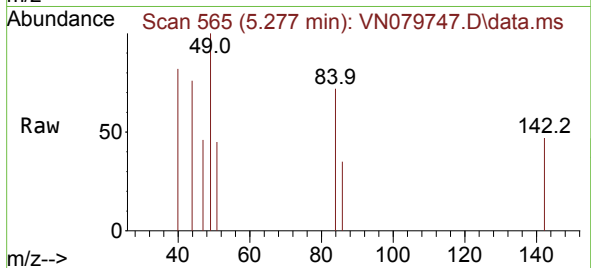
Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
74 9.9 26.2 39.4#



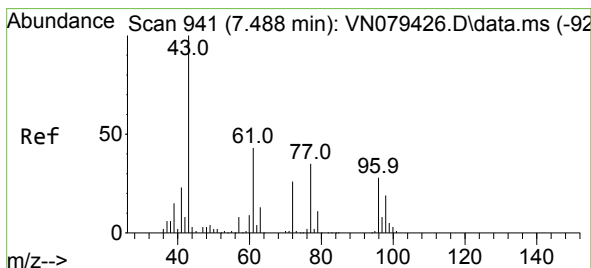
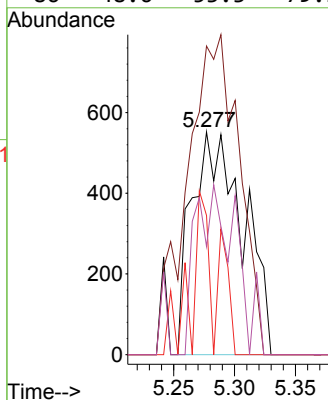
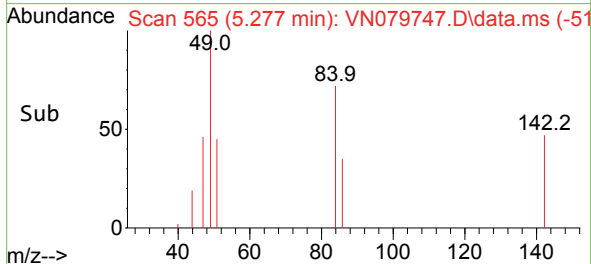


#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

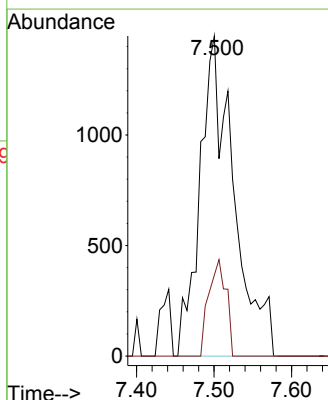
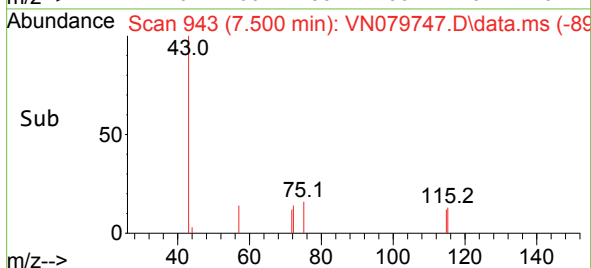
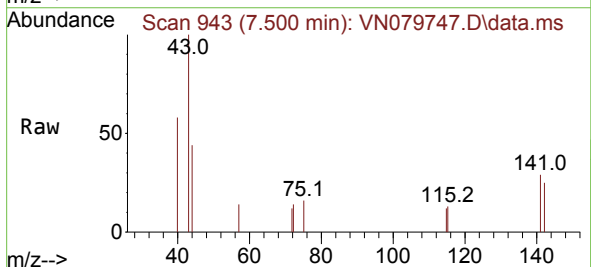


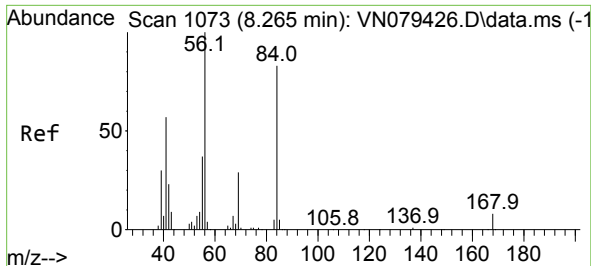
Tgt Ion: 84 Resp: 1623
Ion Ratio Lower Upper
84 100
49 138.6 79.7 119.5#
51 62.5 25.2 37.8#
86 48.6 53.3 79.9#



#25
2-Butanone
Concen: 1.683 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

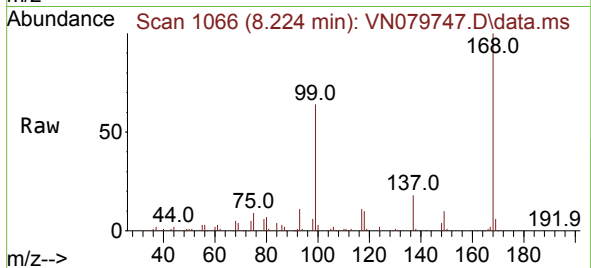
Tgt Ion: 43 Resp: 4397
Ion Ratio Lower Upper
43 100
72 25.3 30.2 45.2#



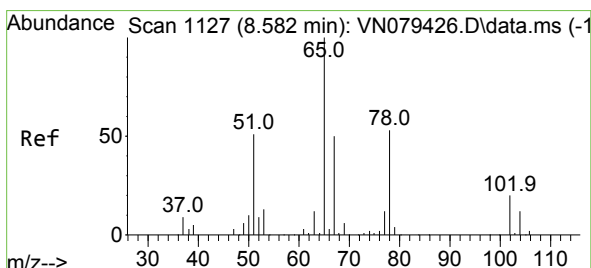
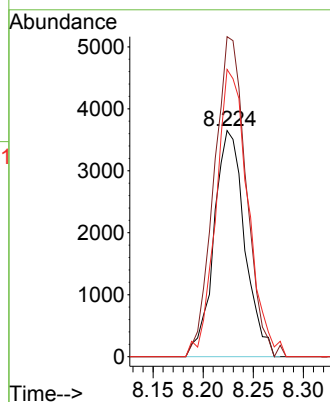
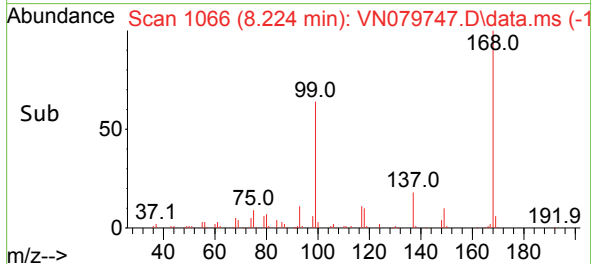


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

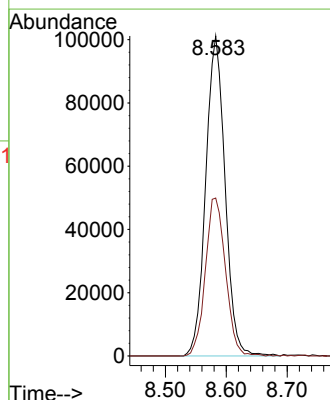
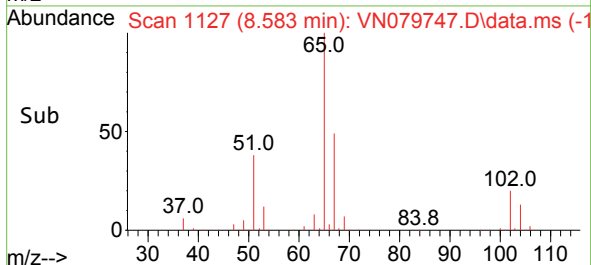
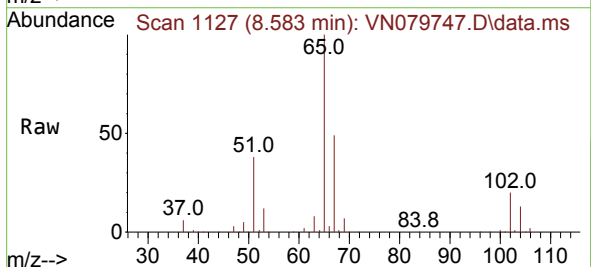


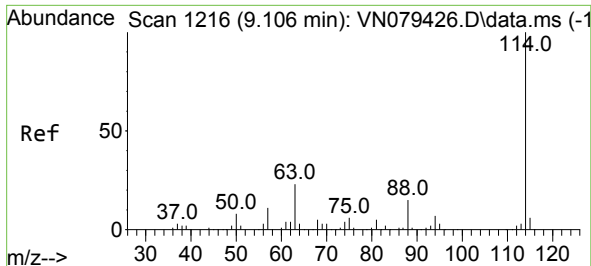
Tgt Ion: 56 Resp: 7790
Ion Ratio Lower Upper
56 100
69 141.6 26.8 40.2#
84 127.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 50.190 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 65 Resp: 223075
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079747.D

Acq: 31 Oct 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

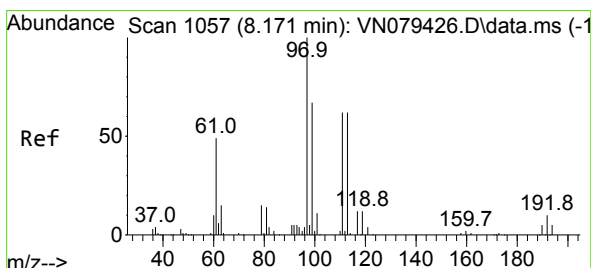
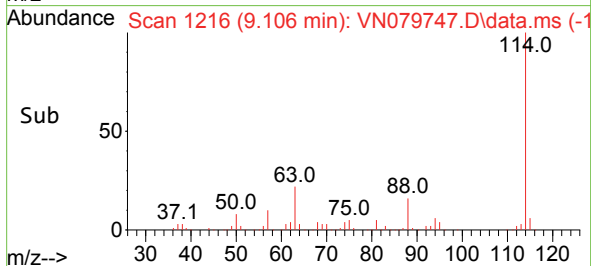
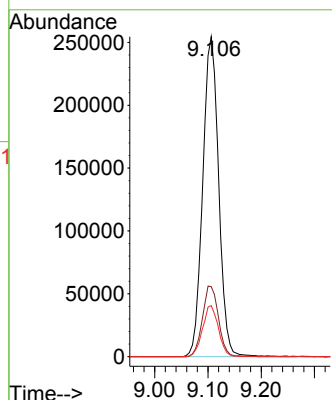
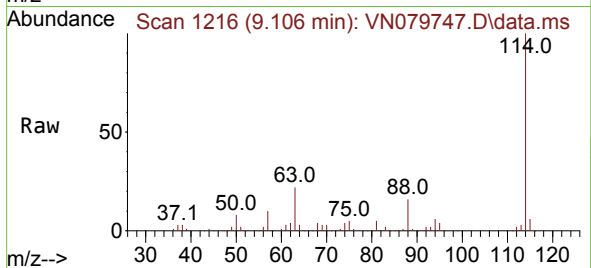
Tgt Ion:114 Resp: 527744

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.184 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079747.D

Acq: 31 Oct 2023 16:31

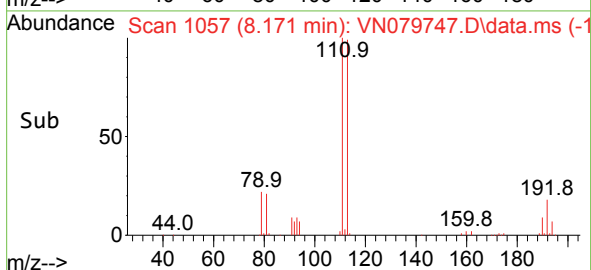
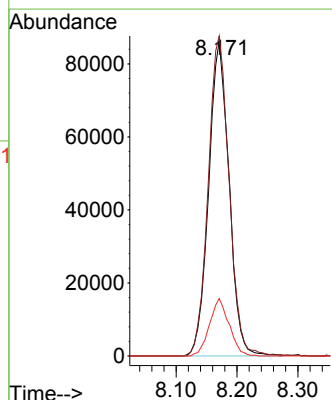
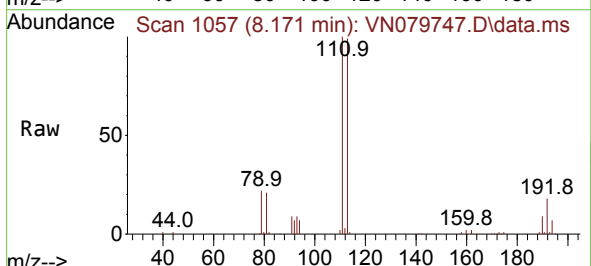
Tgt Ion:113 Resp: 200559

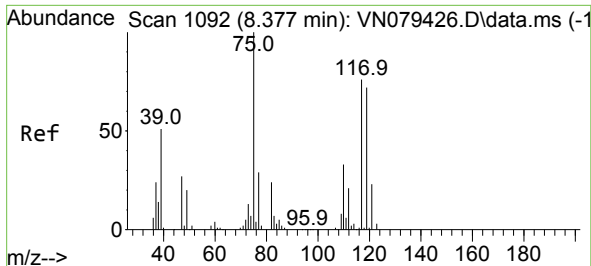
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

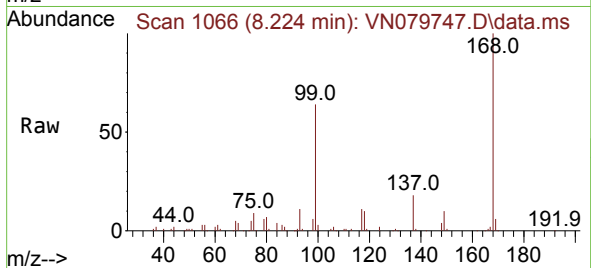
192 17.6 12.7 19.1



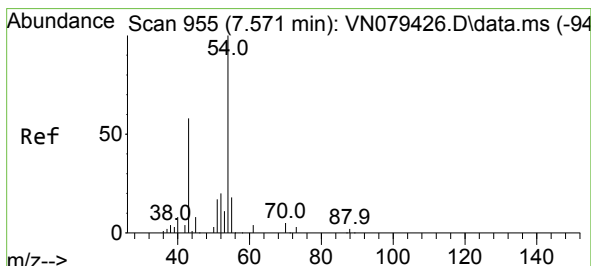
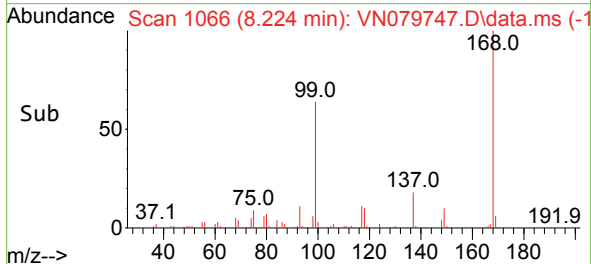
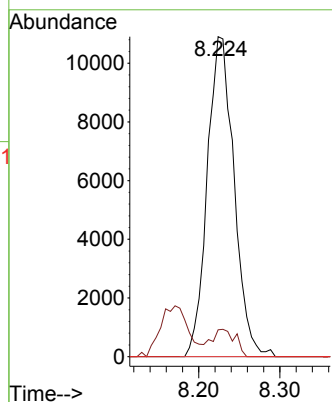


#36
 1,1-Dichloropropene
 Concen: 4.466 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN079747.D
 Acq: 31 Oct 2023 16:31

Instrument :
 MSVOA_N
 ClientSampleId :

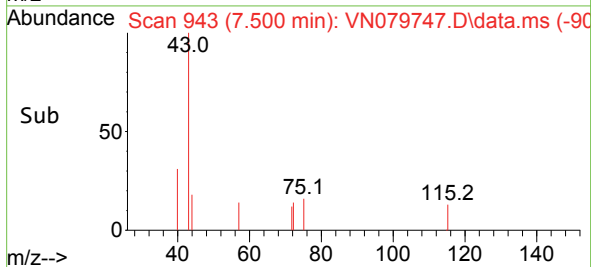
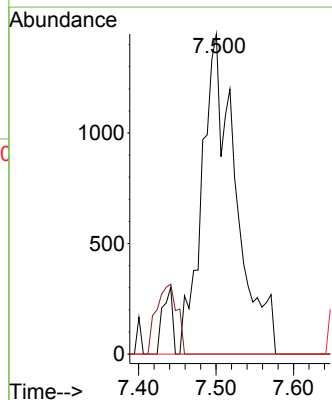
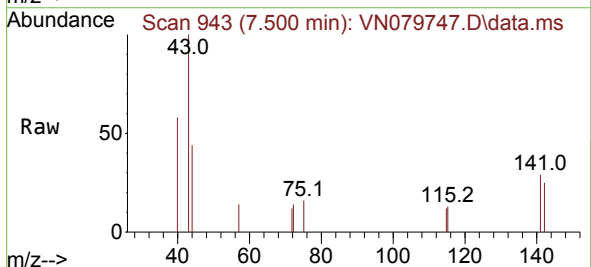


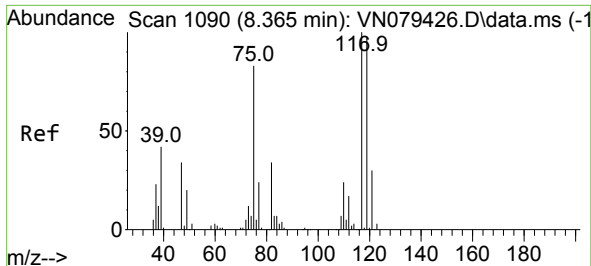
Tgt Ion: 75 Resp: 24985
 Ion Ratio Lower Upper
 75 100
 110 7.5 19.1 57.3#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 0.793 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.071 min
 Lab File: VN079747.D
 Acq: 31 Oct 2023 16:31

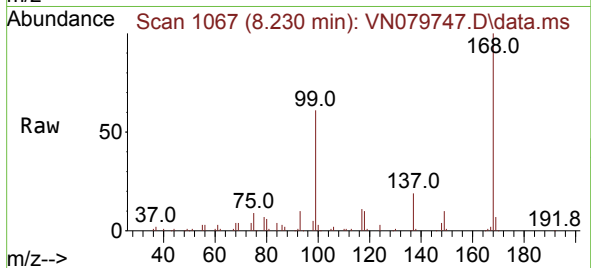
Tgt Ion: 43 Resp: 4397
 Ion Ratio Lower Upper
 43 100
 61 0.0 13.2 19.8#
 70 0.0 11.3 16.9#



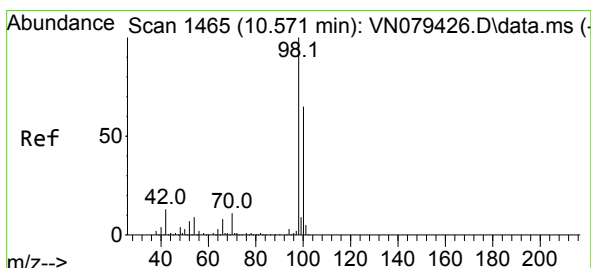
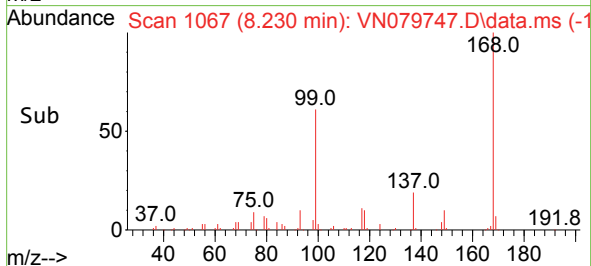
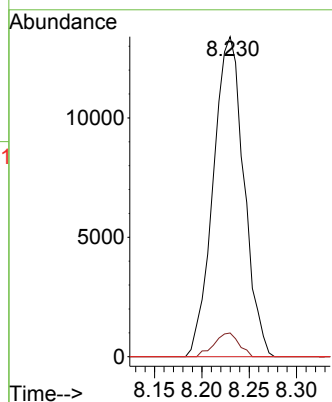


#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 8.230 min Scan# 1090
Delta R.T. -0.135 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

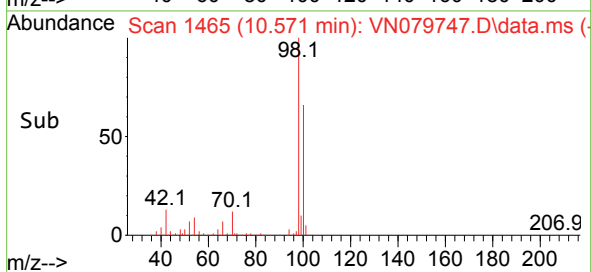
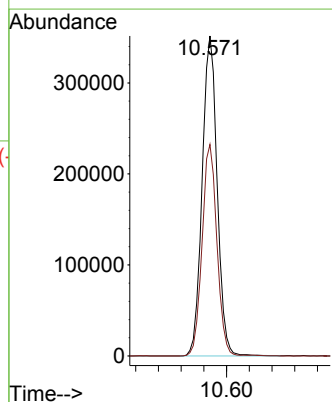
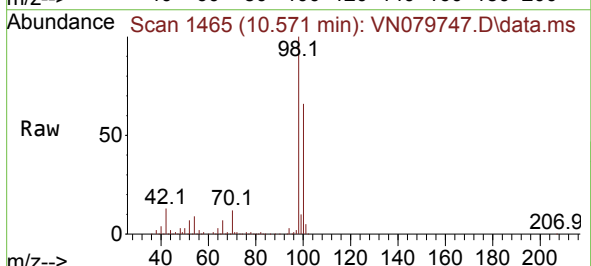


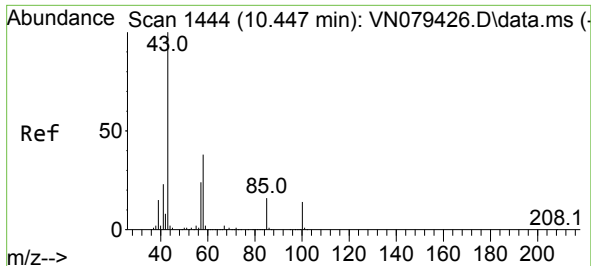
Tgt Ion:117 Resp: 30239
Ion Ratio Lower Upper
117 100
119 7.4 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 45.805 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

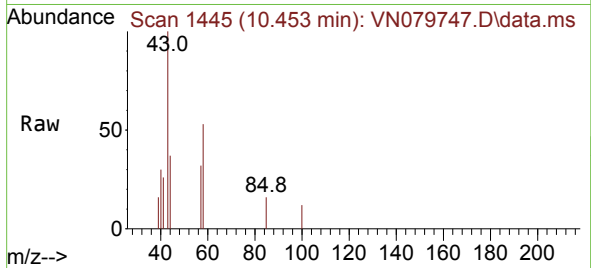
Tgt Ion: 98 Resp: 643911
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



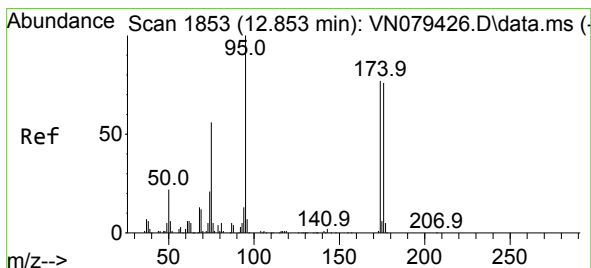
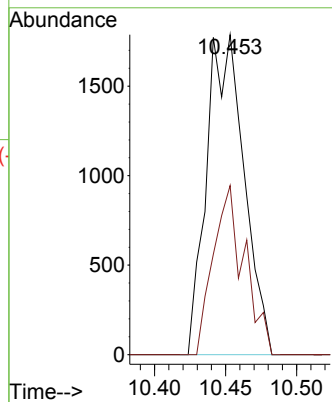
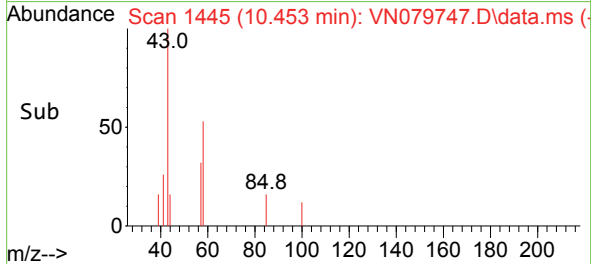


#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

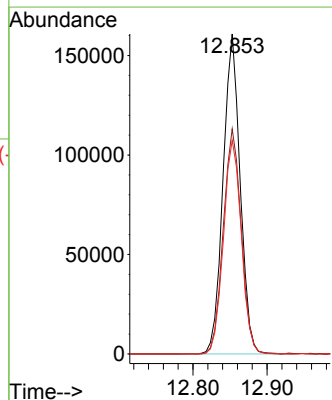
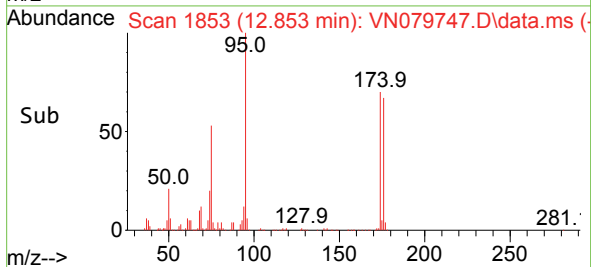
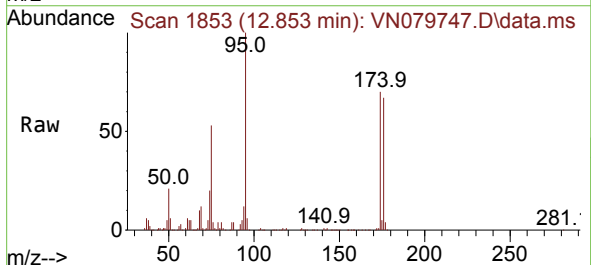


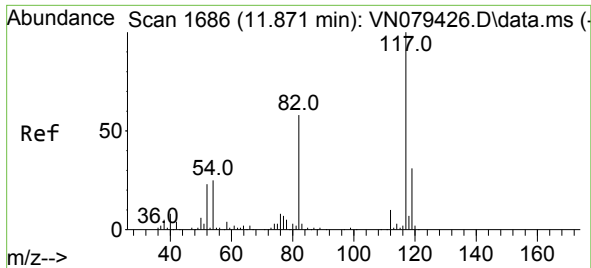
Tgt Ion: 43 Resp: 3273
Ion Ratio Lower Upper
43 100
58 44.1 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 58.173 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

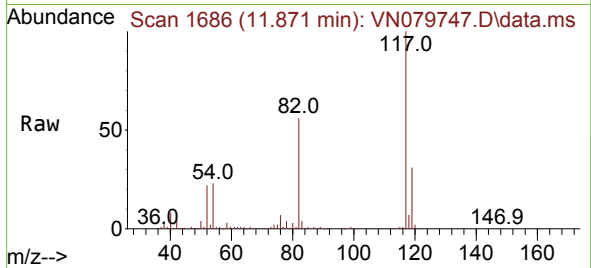
Tgt Ion: 95 Resp: 257526
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 69.7 0.0 135.8



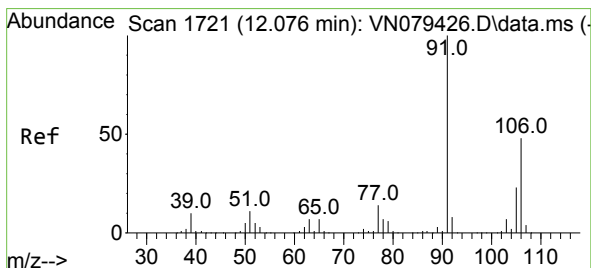
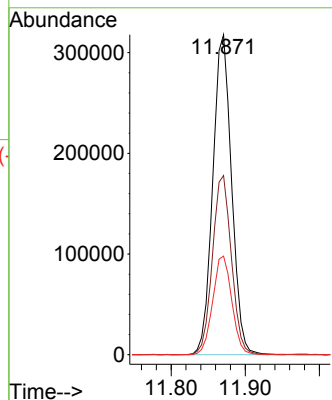
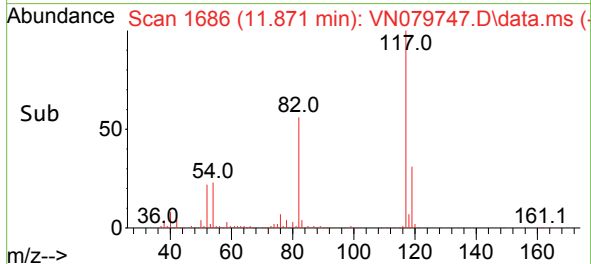


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

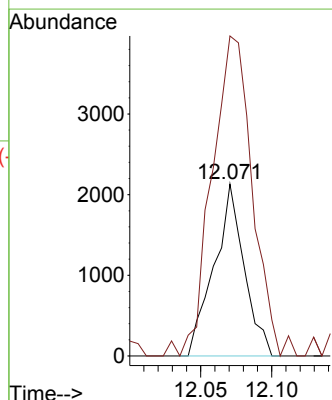
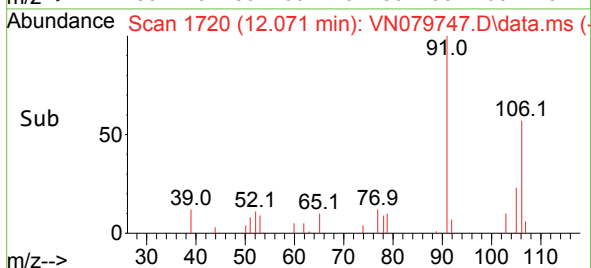
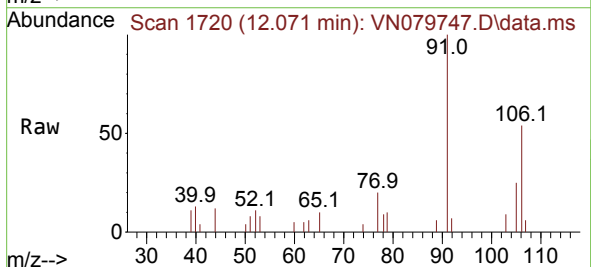


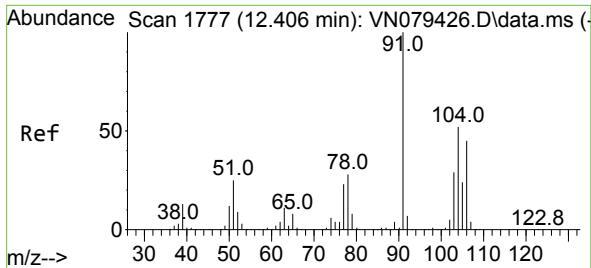
Tgt Ion:117 Resp: 559829
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Tgt Ion:106 Resp: 3141
Ion Ratio Lower Upper
106 100
91 250.6 159.6 239.4#

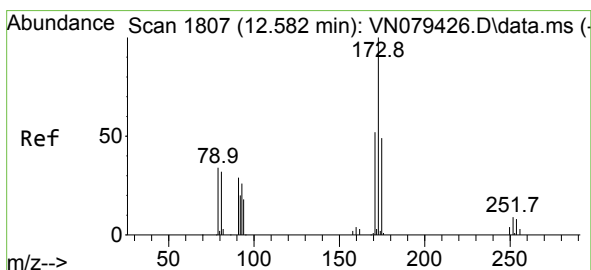
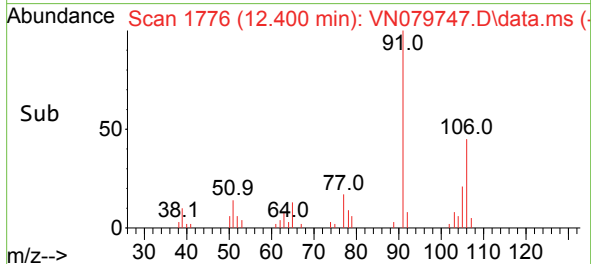
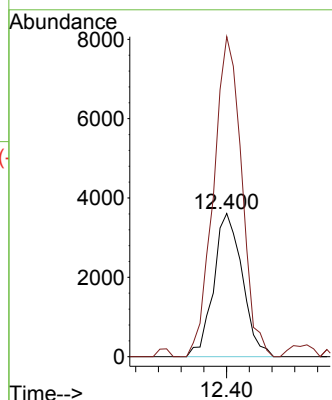
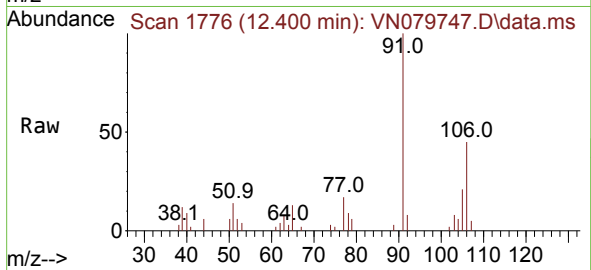




#69
o-Xylene
Concen: 0.815 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

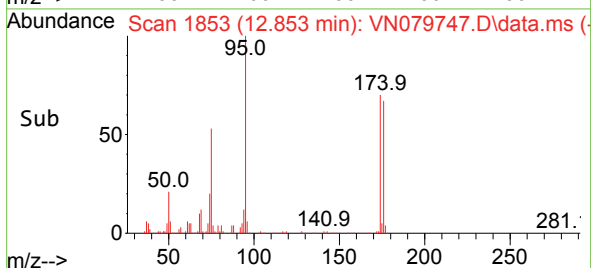
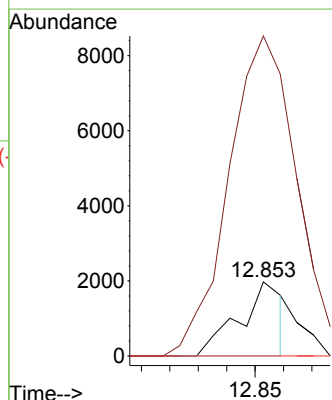
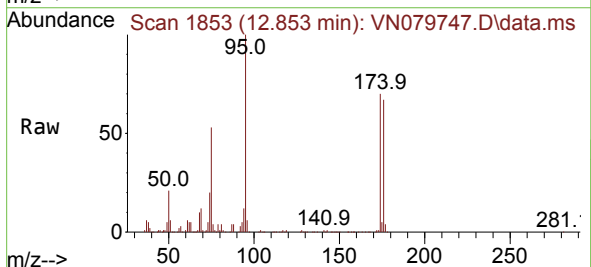
Instrument :
MSVOA_N
ClientSampleId :

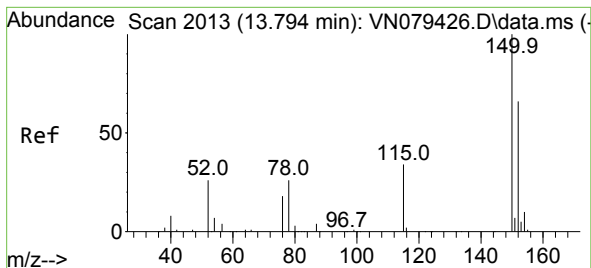
Tgt Ion:106 Resp: 6326
Ion Ratio Lower Upper
106 100
91 219.9 105.2 315.5



#71
Bromoform
Concen: 0.635 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Tgt Ion:173 Resp: 2094
Ion Ratio Lower Upper
173 100
175 540.5 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# 20

Delta R.T. 0.000 min

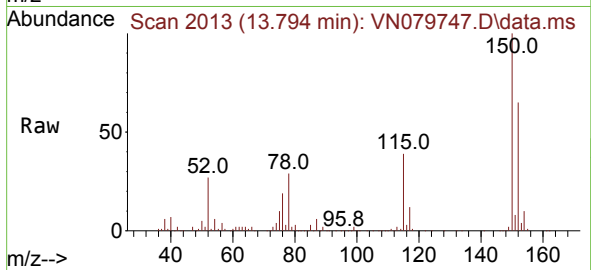
Lab File: VN079747.D

Acq: 31 Oct 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :



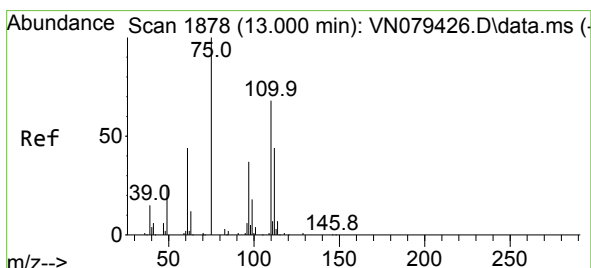
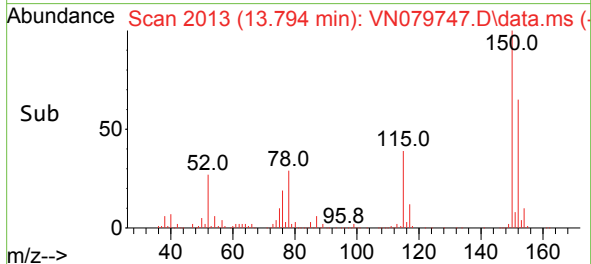
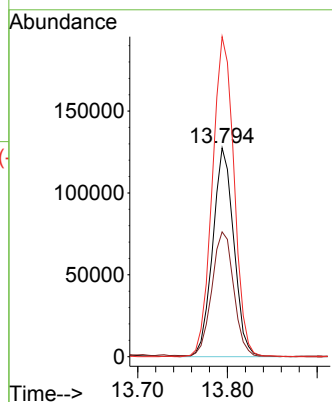
Tgt Ion:152 Resp: 207988

Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 157.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.025 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079747.D

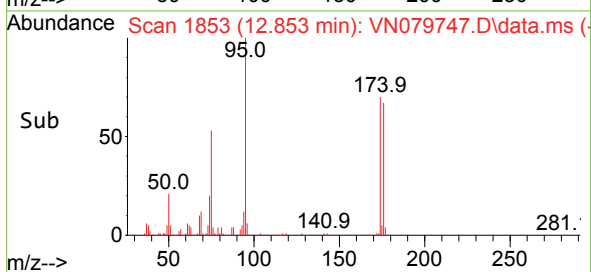
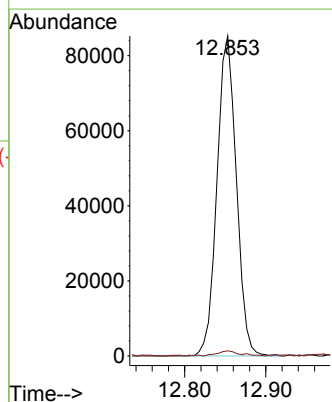
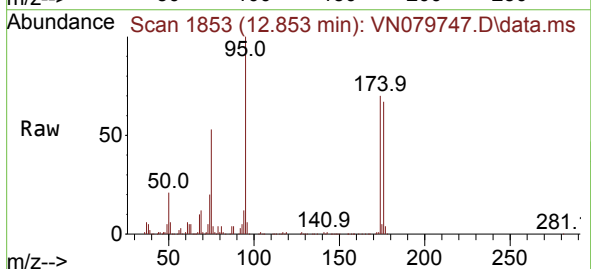
Acq: 31 Oct 2023 16:31

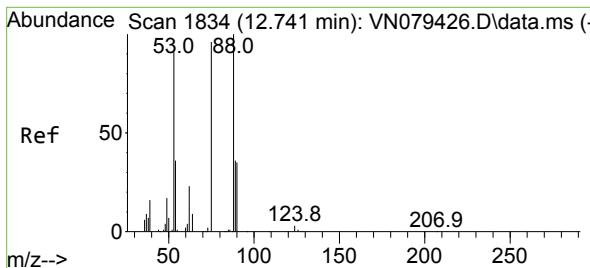
Tgt Ion: 75 Resp: 141333

Ion Ratio Lower Upper

75 100

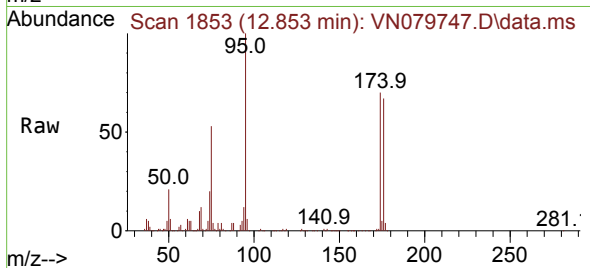
77 2.0 84.5 253.5#



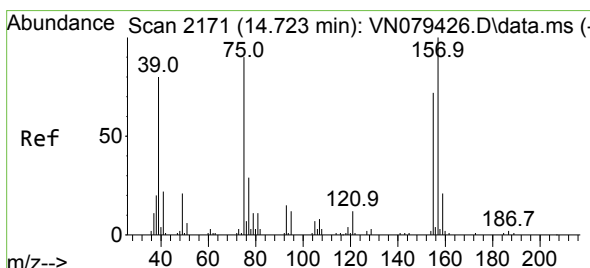
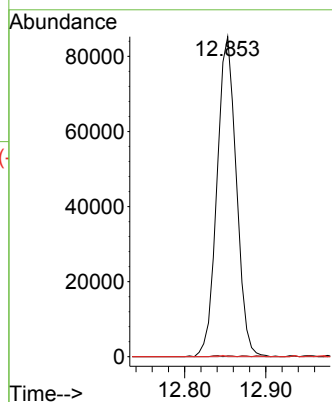
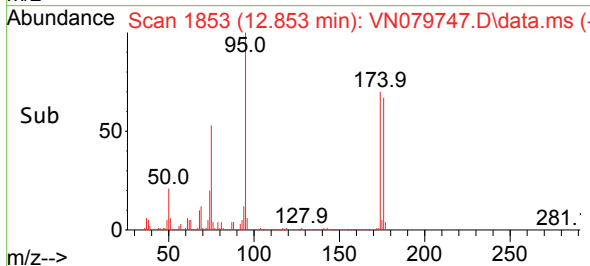


#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.487 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079747.D
 Acq: 31 Oct 2023 16:31

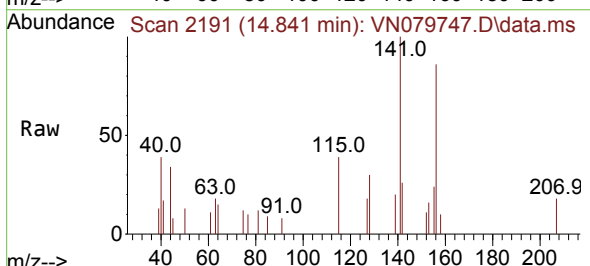
Instrument :
 MSVOA_N
 ClientSampleId :



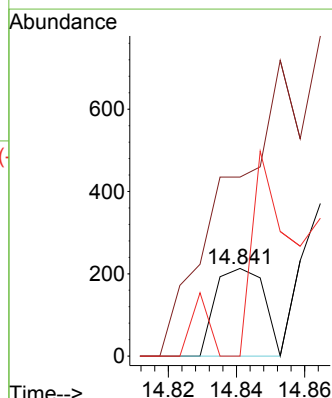
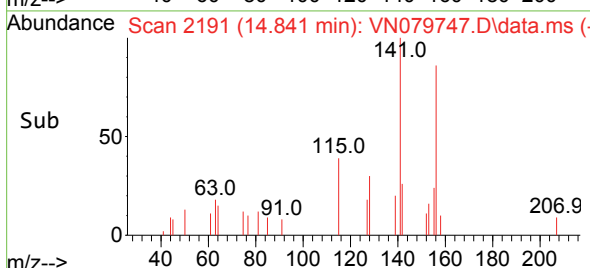
Tgt Ion: 75 Resp: 141333
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.1 38.8 58.2#

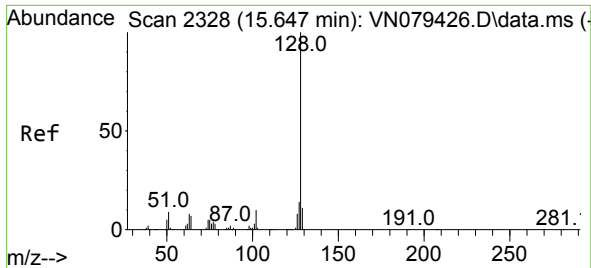


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.204 ug/l
 RT: 14.841 min Scan# 2191
 Delta R.T. 0.118 min
 Lab File: VN079747.D
 Acq: 31 Oct 2023 16:31



Tgt Ion: 75 Resp: 210
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 205.2 50.3 150.9#





#95

Naphthalene

Concen: 9.010 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

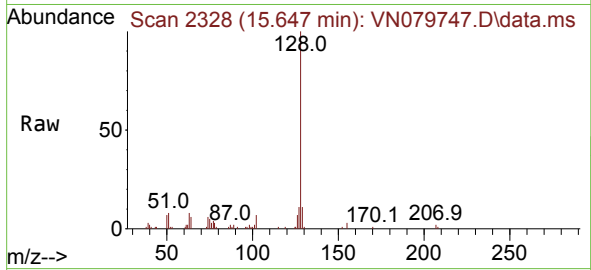
Lab File: VN079747.D

Acq: 31 Oct 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 56836

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.7 8.7 13.1

