

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079738.D
 Acq On : 31 Oct 2023 12:36
 Operator : JC\MD
 Sample : VN1031WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:17:11 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)

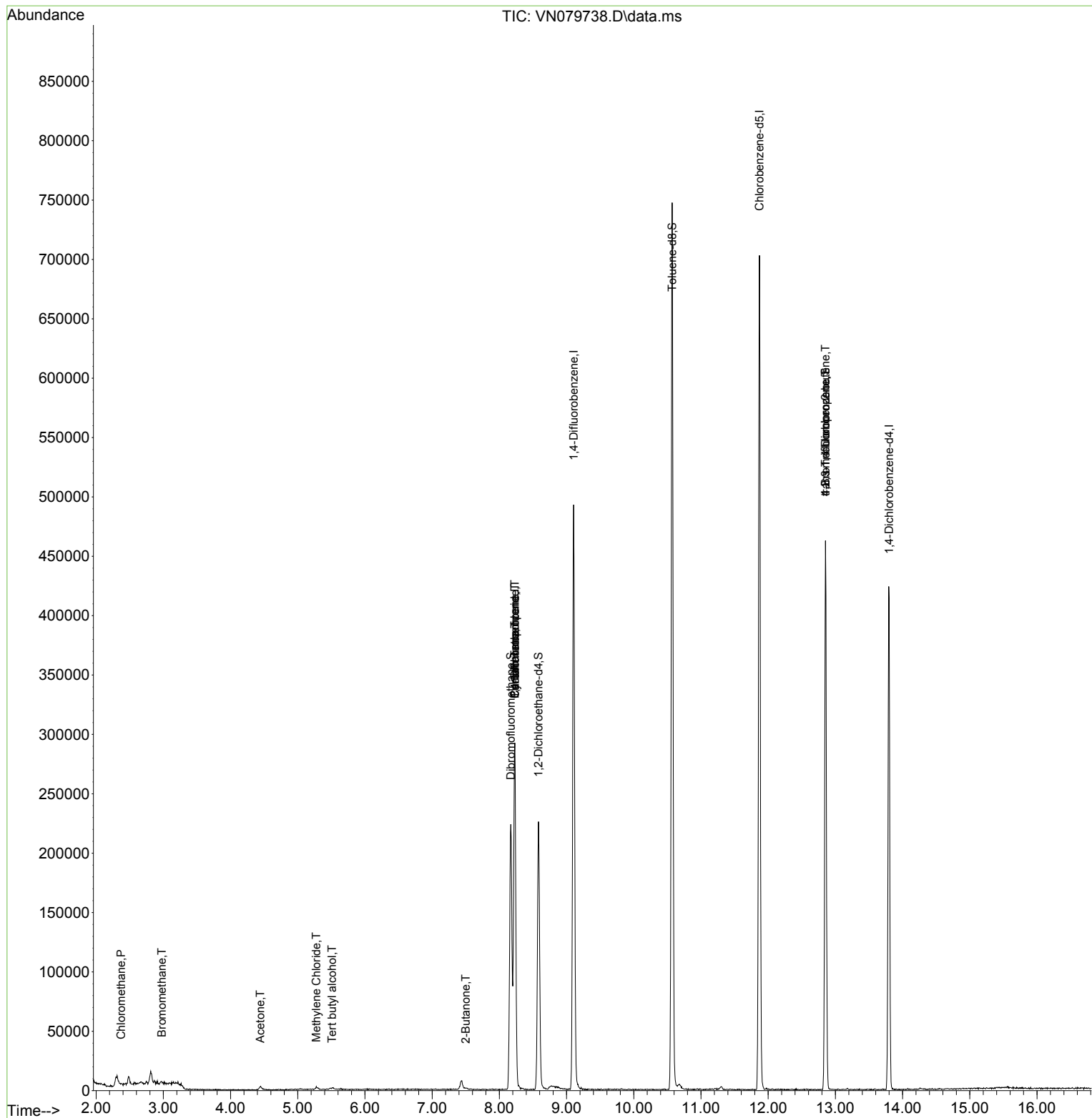
Internal Standards						
1) Pentafluorobenzene	8.229	168	206469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	407952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	401741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	110448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	183884	55.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.920%	
35) Dibromofluoromethane	8.171	113	163121	55.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.920%	
50) Toluene-d8	10.570	98	506407	46.601	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.200%	
62) 4-Bromofluorobenzene	12.853	95	156014	45.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	769	0.233	ug/l #	42
5) Bromomethane	2.977	94	912	0.391	ug/l #	80
11) Tert butyl alcohol	5.512	59	1304	2.965	ug/l #	72
16) Acetone	4.441	43	5017	3.537	ug/l	94
20) Methylene Chloride	5.277	84	1158	0.412	ug/l #	39
25) 2-Butanone	7.500	43	2546	1.307	ug/l #	37
31) Cyclohexane	8.229	56	5652	1.249	ug/l #	49
36) 1,1-Dichloropropene	8.229	75	18222	4.214	ug/l #	47
38) Carbon Tetrachloride	8.229	117	22756	5.277	ug/l #	17
76) 1,2,3-Trichloropropane	12.853	75	86323	28.783	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	86323	86.823	ug/l #	15

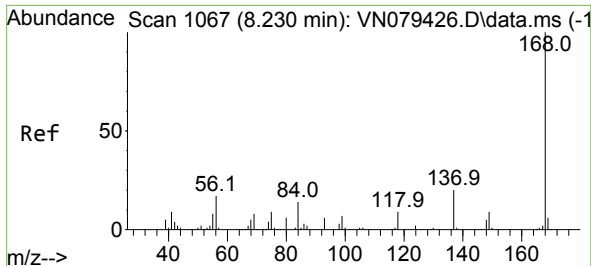
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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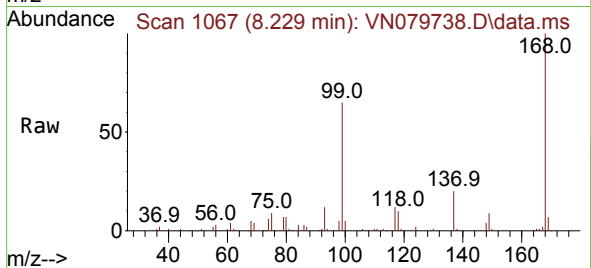
Quant Time: Nov 01 01:17:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
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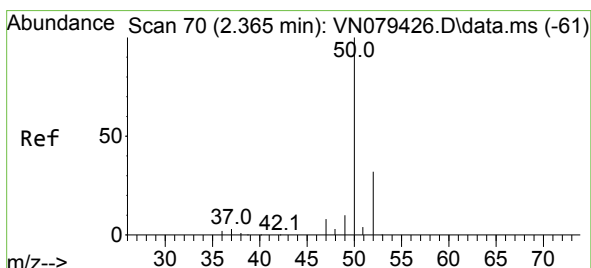
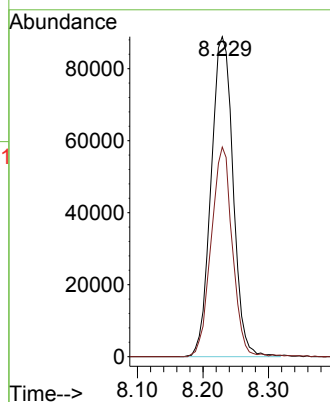
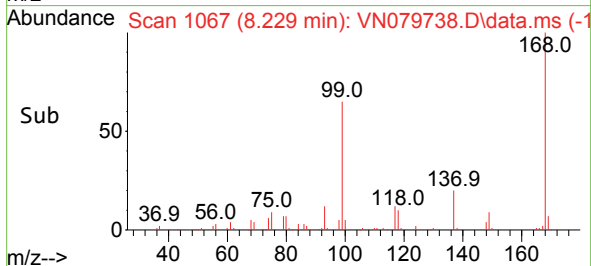


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN079738.D
Acq: 31 Oct 2023 12:36

Instrument :
MSVOA_N
ClientSampleId :

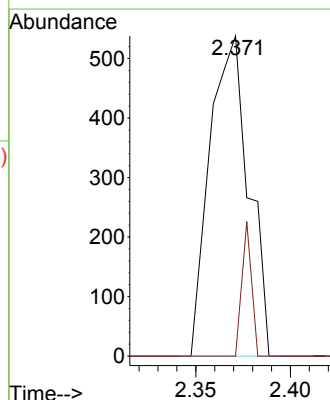
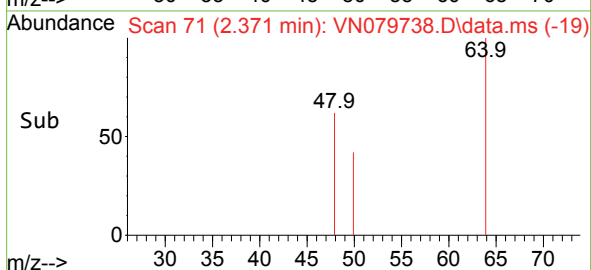
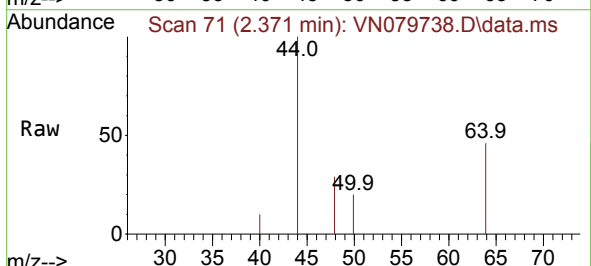


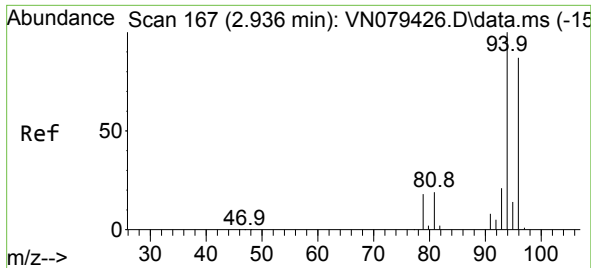
Tgt Ion:168 Resp: 206469
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6



#3
Chloromethane
Concen: 0.233 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079738.D
Acq: 31 Oct 2023 12:36

Tgt Ion: 50 Resp: 769
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.391 ug/l

RT: 2.977 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN079738.D

Acq: 31 Oct 2023 12:36

Instrument :

MSVOA_N

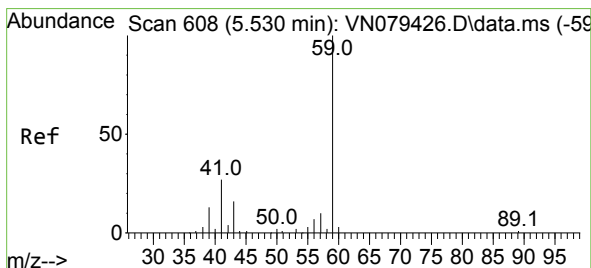
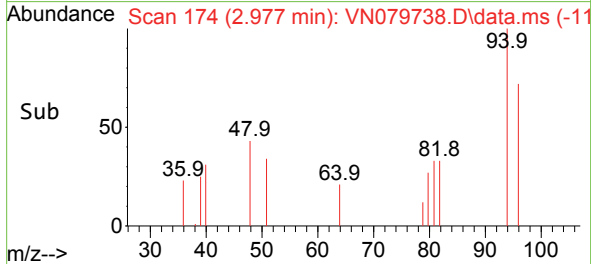
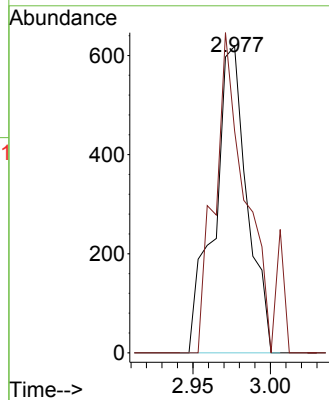
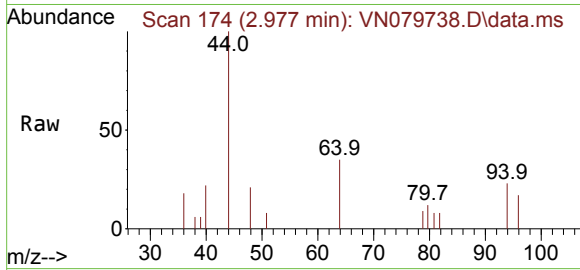
ClientSampleId :

Tgt Ion: 94 Resp: 912

Ion Ratio Lower Upper

94 100

96 72.4 73.1 109.7#



#11

Tert butyl alcohol

Concen: 2.965 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.018 min

Lab File: VN079738.D

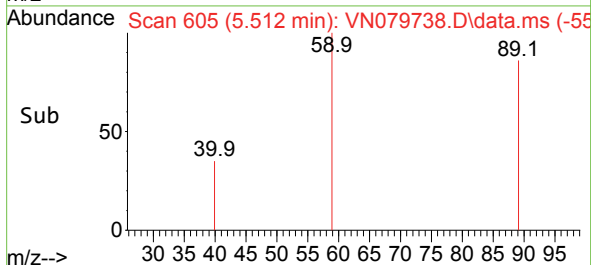
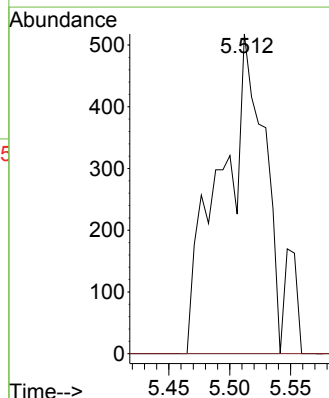
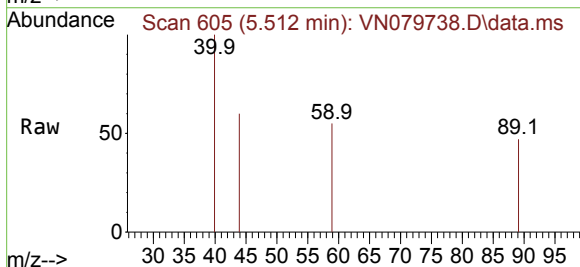
Acq: 31 Oct 2023 12:36

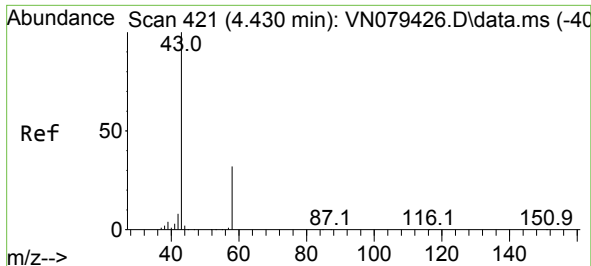
Tgt Ion: 59 Resp: 1304

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#16

Acetone

Concen: 3.537 ug/l

RT: 4.441 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN079738.D

Acq: 31 Oct 2023 12:36

Instrument :

MSVOA_N

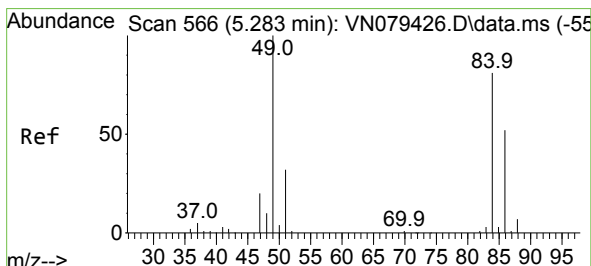
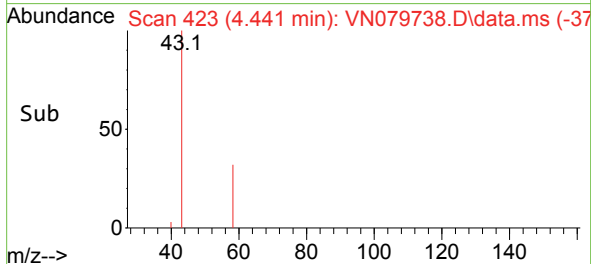
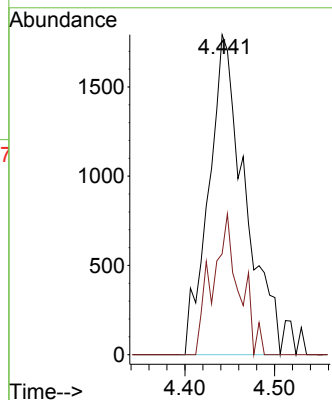
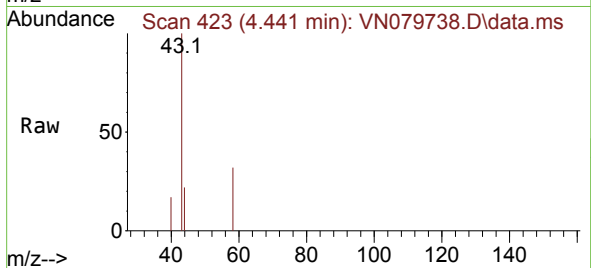
ClientSampleId :

Tgt Ion: 43 Resp: 5017

Ion Ratio Lower Upper

43 100

58 31.5 28.0 42.0



#20

Methylene Chloride

Concen: 0.412 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN079738.D

Acq: 31 Oct 2023 12:36

Tgt Ion: 84 Resp: 1158

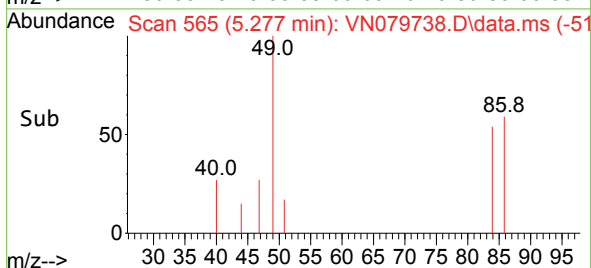
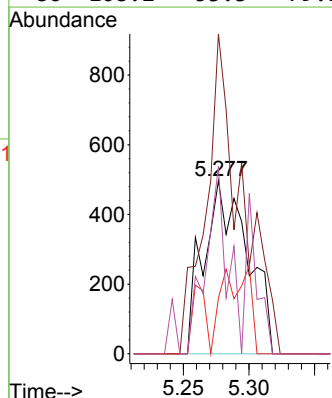
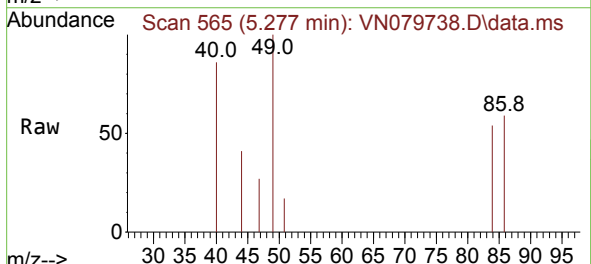
Ion Ratio Lower Upper

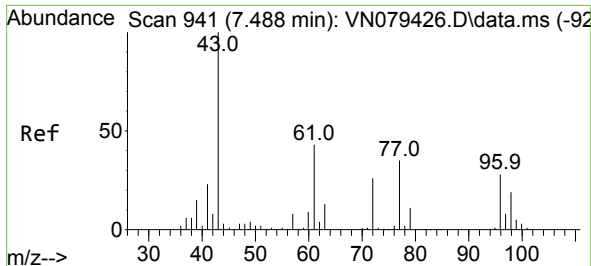
84 100

49 184.7 79.7 119.5#

51 32.2 25.2 37.8

86 108.2 53.3 79.9#

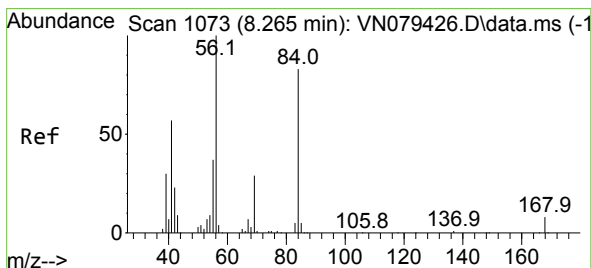
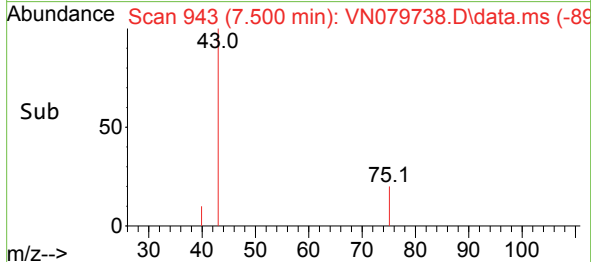
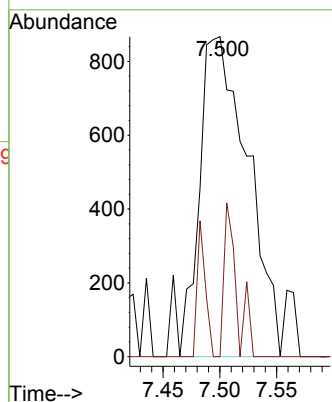
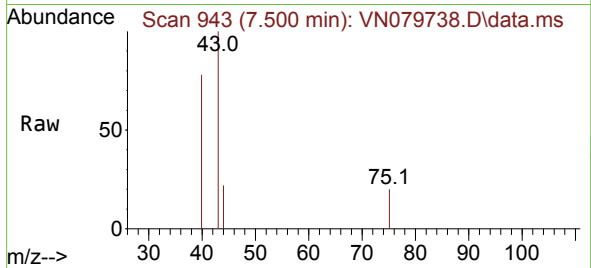




#25
2-Butanone
Concen: 1.307 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN079738.D
Acq: 31 Oct 2023 12:36

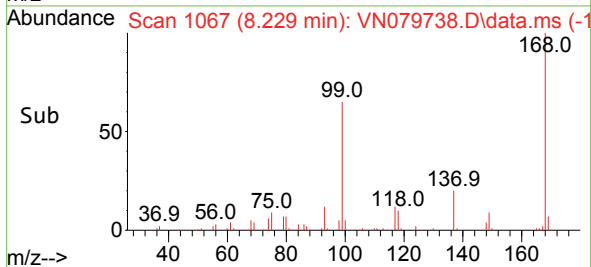
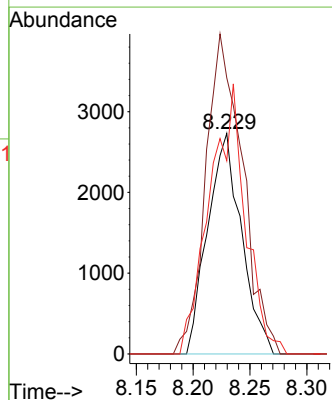
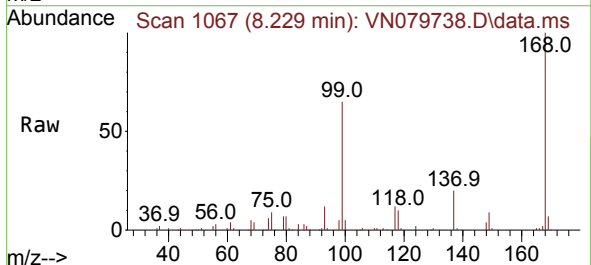
Instrument :
MSVOA_N
ClientSampleId :

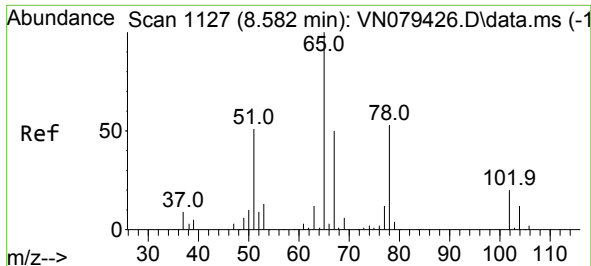
Tgt Ion: 43 Resp: 2546
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN079738.D
Acq: 31 Oct 2023 12:36

Tgt Ion: 56 Resp: 5652
Ion Ratio Lower Upper
56 100
69 125.2 26.8 40.2#
84 87.7 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 55.459 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079738.D

Acq: 31 Oct 2023 12:36

Instrument :

MSVOA_N

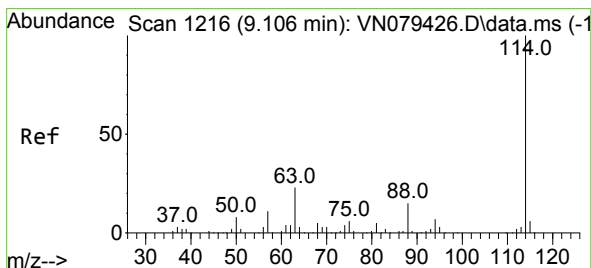
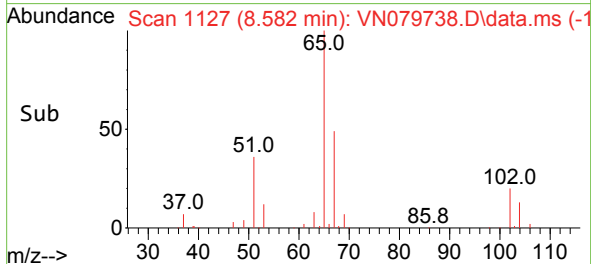
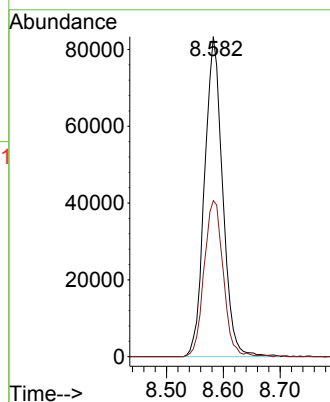
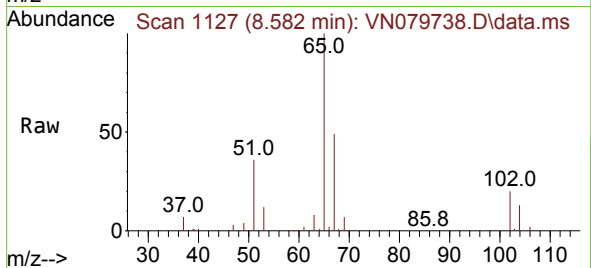
ClientSampleId :

Tgt Ion: 65 Resp: 183884

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# 1216

Delta R.T. -0.000 min

Lab File: VN079738.D

Acq: 31 Oct 2023 12:36

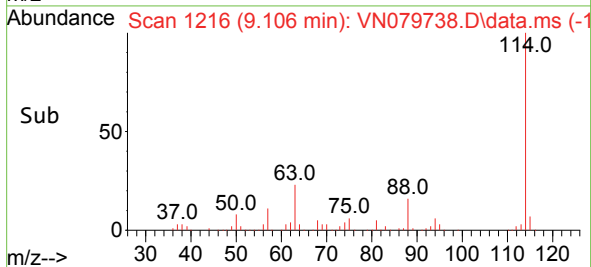
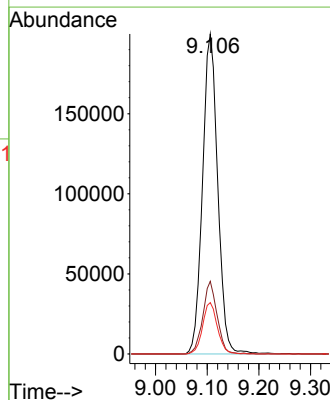
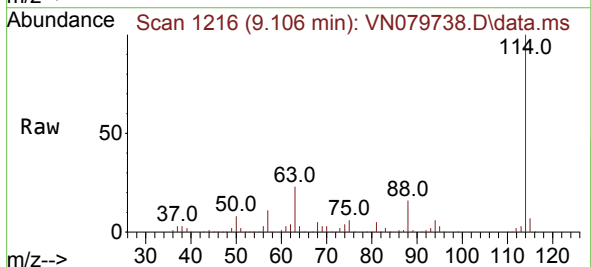
Tgt Ion: 114 Resp: 407952

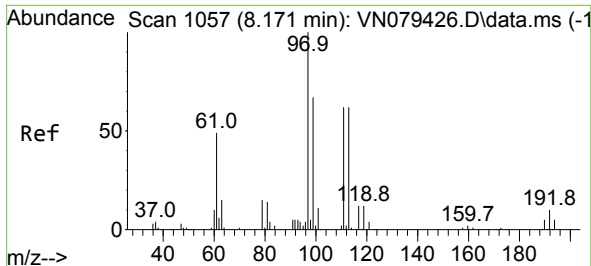
Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.959 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

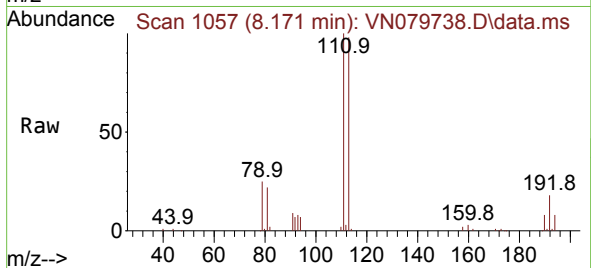
Lab File: VN079738.D

Acq: 31 Oct 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :



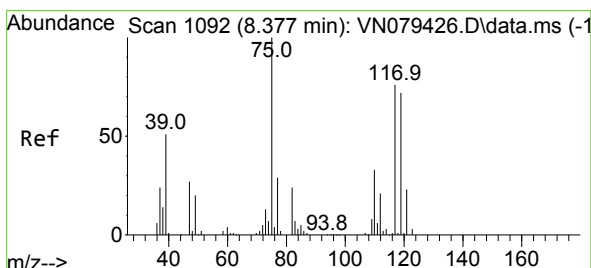
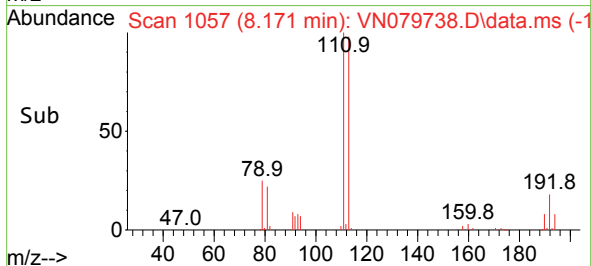
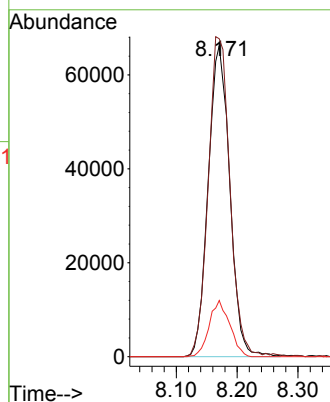
Tgt Ion:113 Resp: 163121

Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.214 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

Lab File: VN079738.D

Acq: 31 Oct 2023 12:36

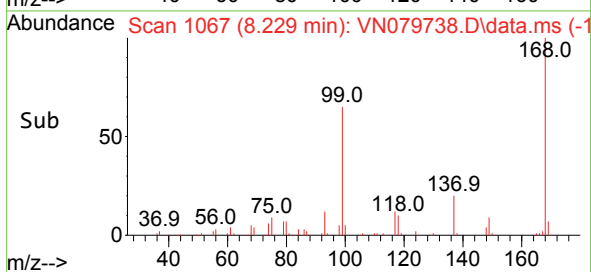
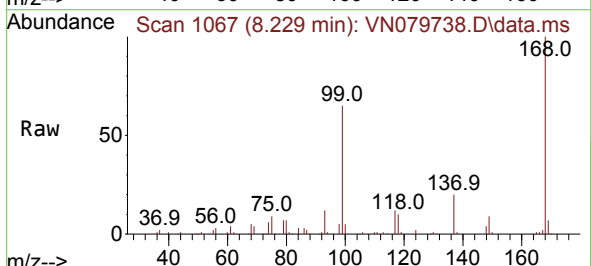
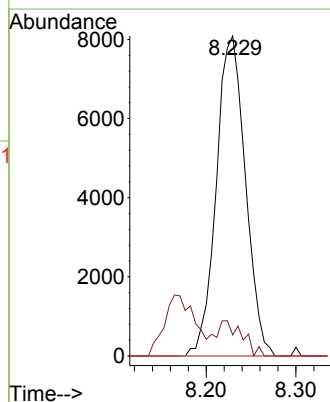
Tgt Ion: 75 Resp: 18222

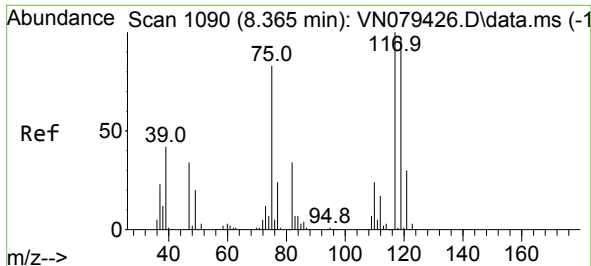
Ion Ratio Lower Upper

75 100

110 8.2 19.1 57.3#

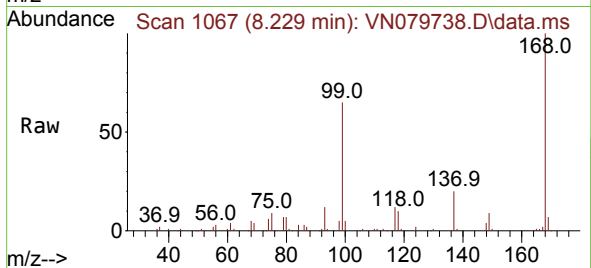
77 0.0 25.0 37.4#



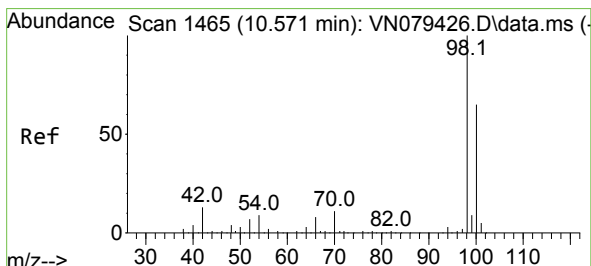
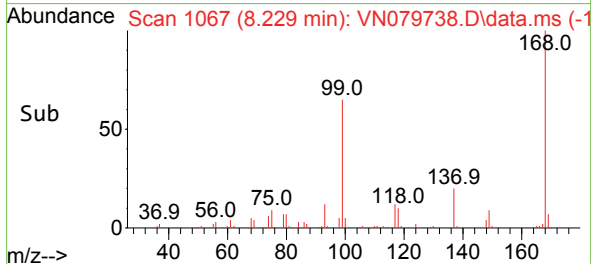
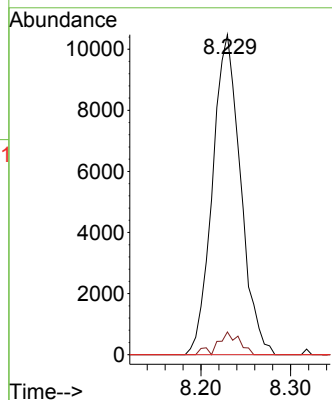


#38
Carbon Tetrachloride
Concen: 5.277 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN079738.D
Acq: 31 Oct 2023 12:36

Instrument :
MSVOA_N
ClientSampleId :

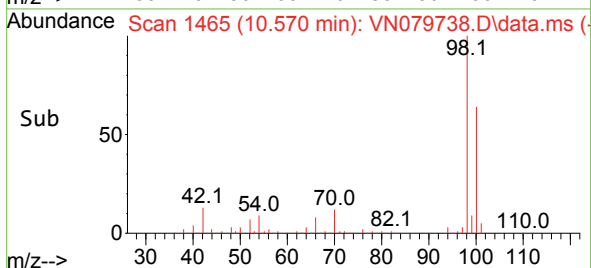
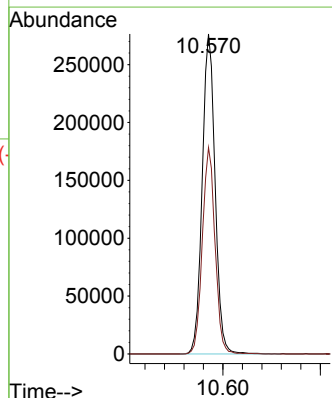
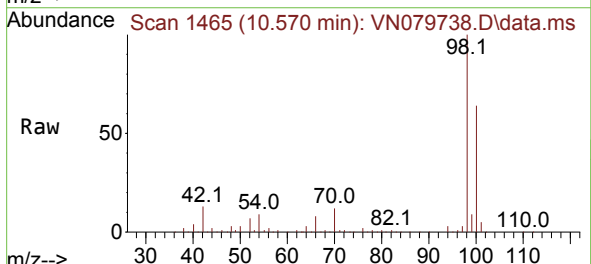


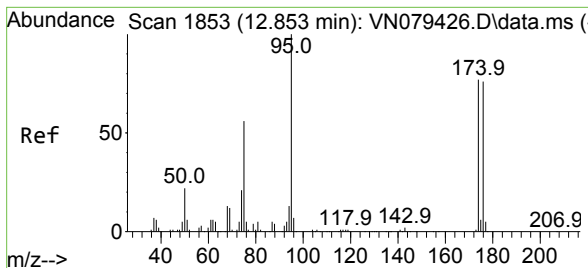
Tgt Ion:117 Resp: 22756
Ion Ratio Lower Upper
117 100
119 7.1 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 46.601 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079738.D
Acq: 31 Oct 2023 12:36

Tgt Ion: 98 Resp: 506407
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

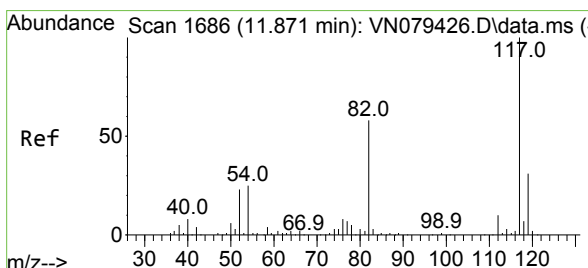
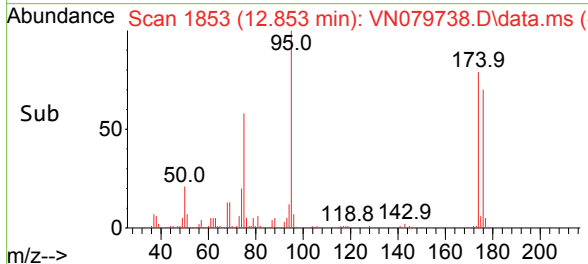
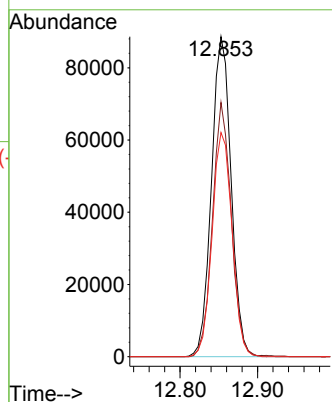
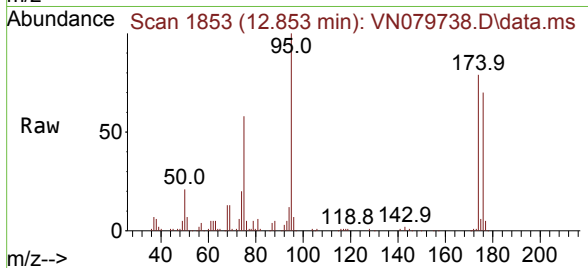




#62
4-Bromofluorobenzene
Concen: 45.591 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079738.D
Acq: 31 Oct 2023 12:36

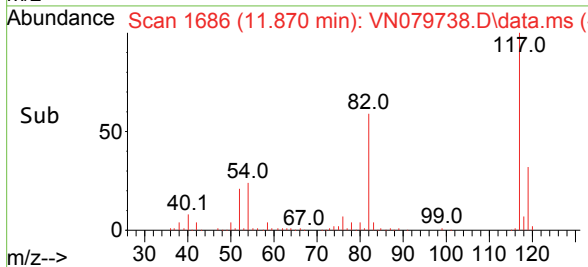
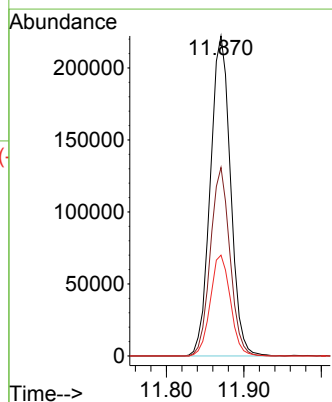
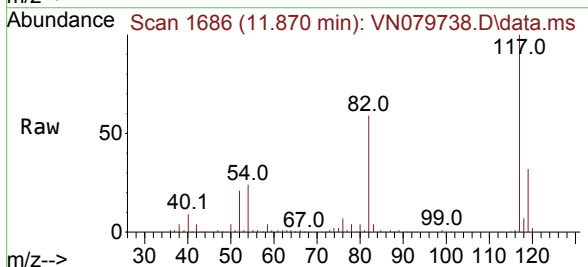
Instrument :
MSVOA_N
ClientSampleId :

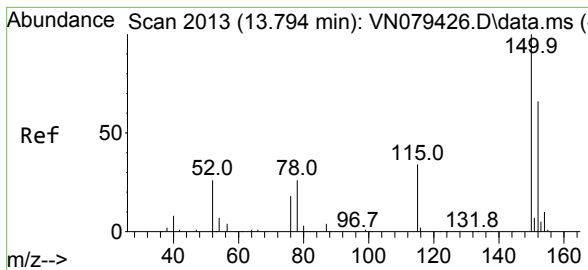
Tgt Ion: 95 Resp: 156014
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 71.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079738.D
Acq: 31 Oct 2023 12:36

Tgt Ion: 117 Resp: 401741
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 31.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN079738.D

Acq: 31 Oct 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

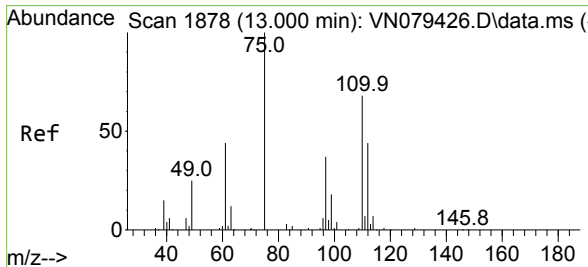
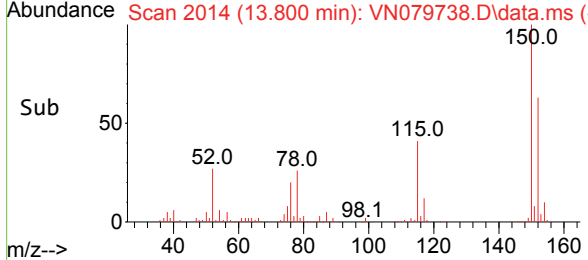
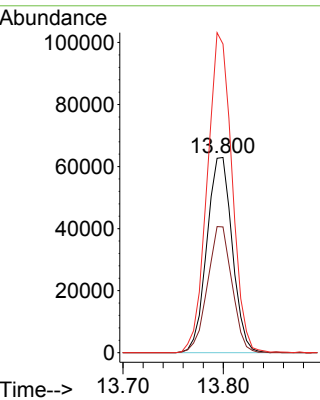
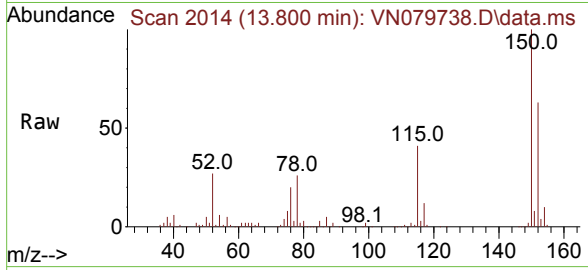
Tgt Ion:152 Resp: 110448

Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 159.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 28.783 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079738.D

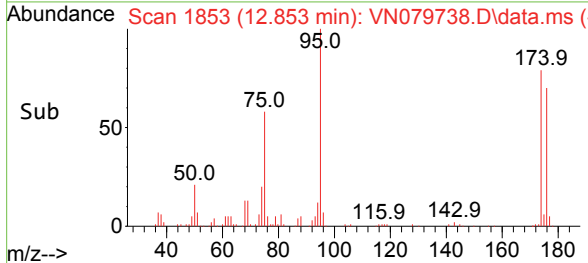
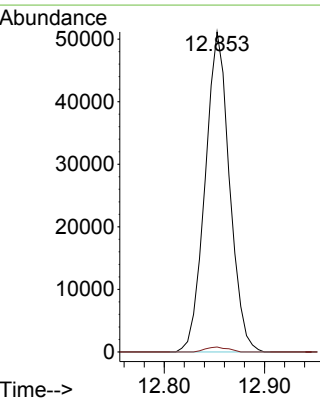
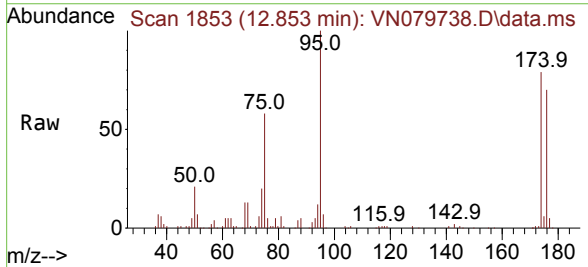
Acq: 31 Oct 2023 12:36

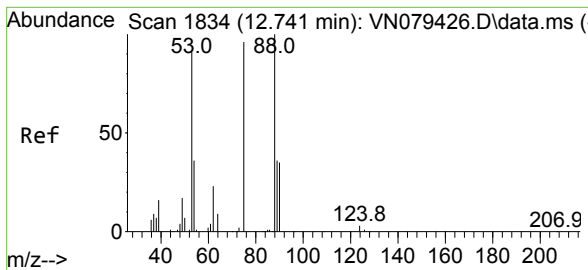
Tgt Ion: 75 Resp: 86323

Ion Ratio Lower Upper

75 100

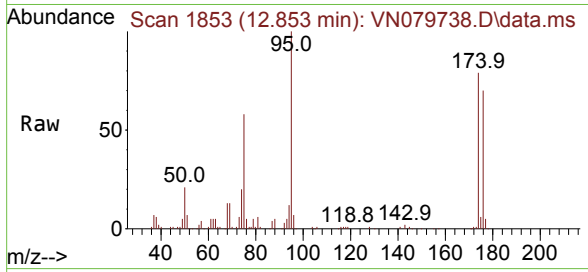
77 1.4 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.823 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079738.D
 Acq: 31 Oct 2023 12:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 86323
 Ion Ratio Lower Upper
 75 100
 53 0.3 67.4 101.2#
 89 0.0 38.8 58.2#

