

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079539.D
 Acq On : 12 Oct 2023 12:38
 Operator : JC\MD
 Sample : VN1012WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 13 01:16:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

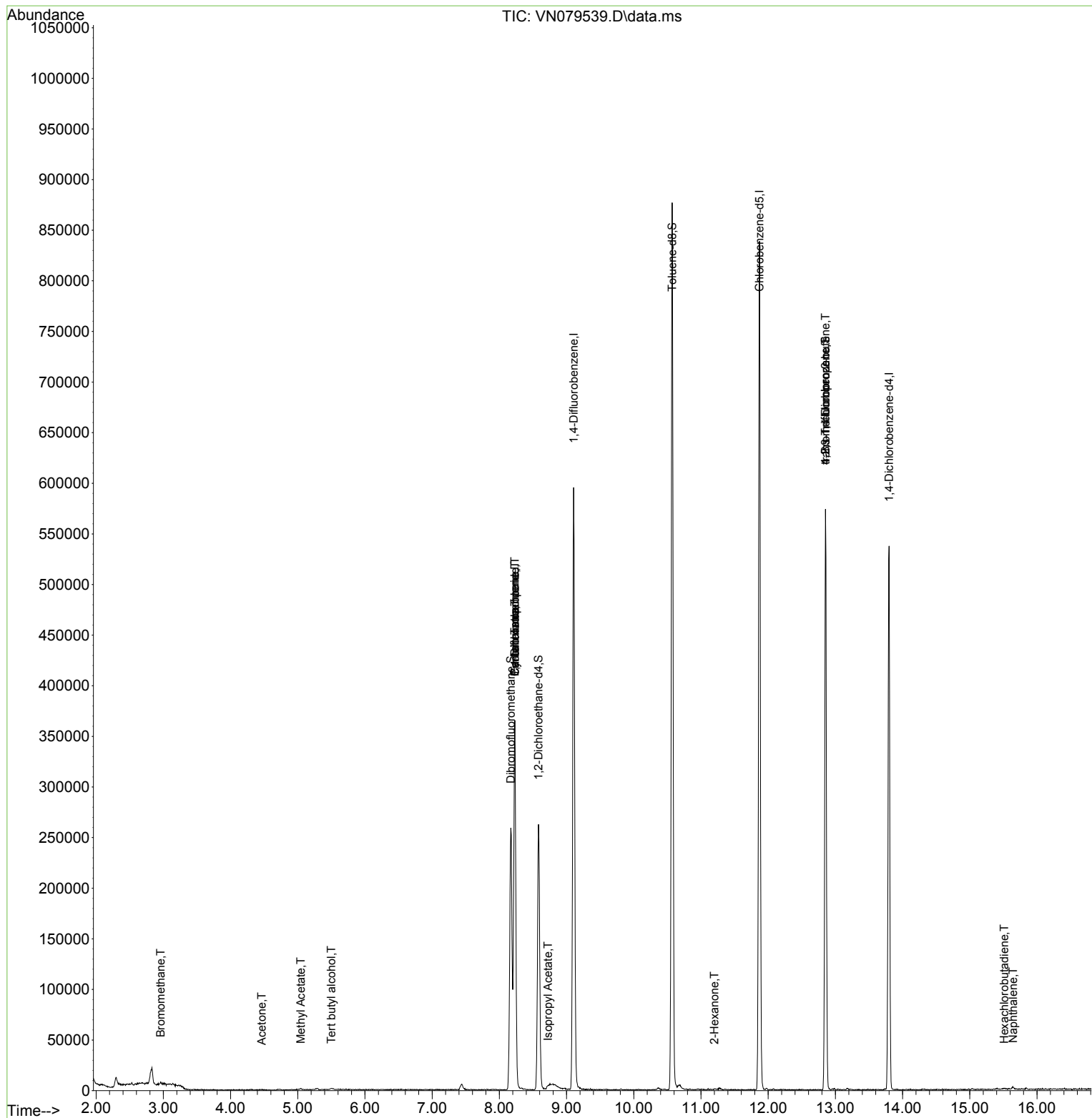
Internal Standards						
1) Pentafluorobenzene	8.230	168	248742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	486600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	464096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	136638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209997	52.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.140%	
35) Dibromofluoromethane	8.171	113	186527	53.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.680%	
50) Toluene-d8	10.571	98	582167	46.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.020%	
62) 4-Bromofluorobenzene	12.853	95	187274	46.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.959	94	807	0.291	ug/l	85
11) Tert butyl alcohol	5.500	59	752	1.239	ug/l #	72
16) Acetone	4.465	43	763	0.477	ug/l #	40
18) Methyl Acetate	5.048	43	1765	0.225	ug/l #	65
20) Methylene Chloride	5.283	84	787	Below Cal	#	56
31) Cyclohexane	8.230	56	7344	1.284	ug/l #	43
36) 1,1-Dichloropropene	8.230	75	23317	4.443	ug/l #	47
38) Carbon Tetrachloride	8.230	117	28115	5.351	ug/l #	17
43) Isopropyl Acetate	8.724	43	3291	0.360	ug/l #	49
59) 2-Hexanone	11.200	43	936	0.251	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.947	83	155	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	105870	26.873	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105870	77.973	ug/l #	15
94) Hexachlorobutadiene	15.512	225	244	0.210	ug/l	63
95) Naphthalene	15.647	128	1949	0.427	ug/l #	82

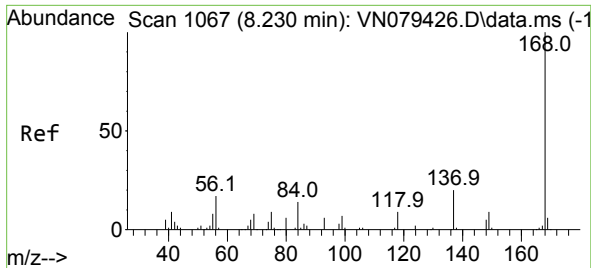
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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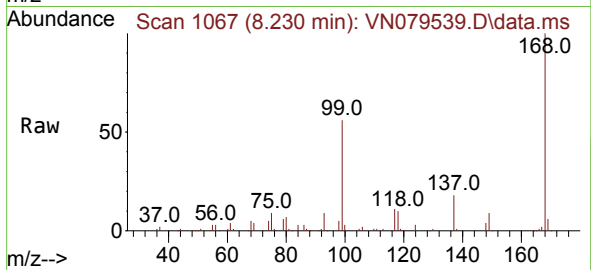
Quant Time: Oct 13 01:16:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
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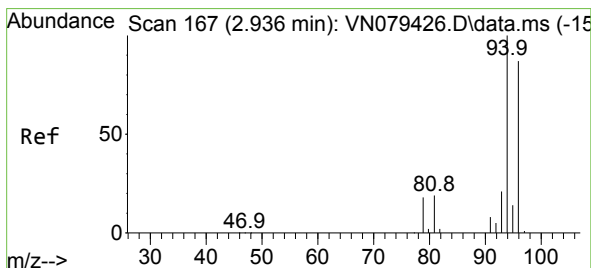
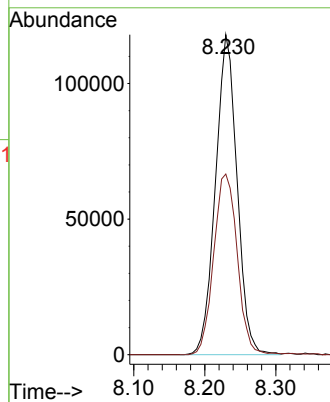
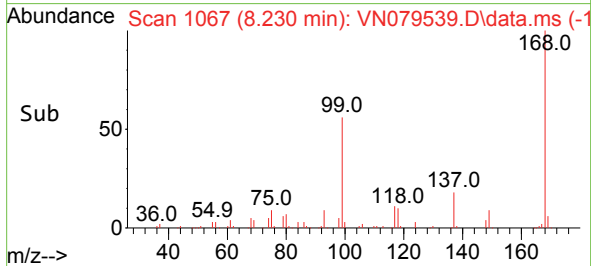


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :

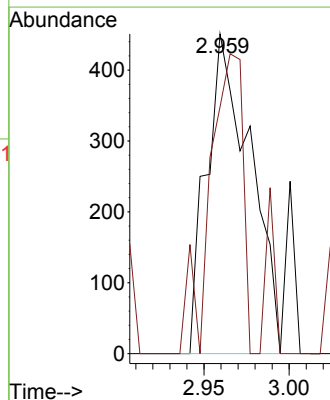
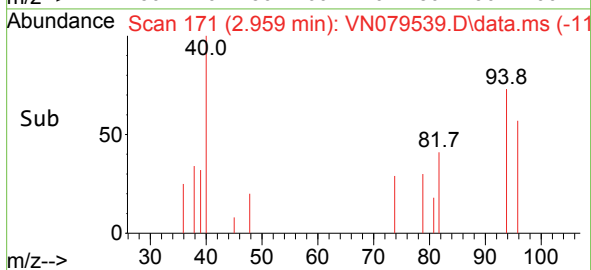
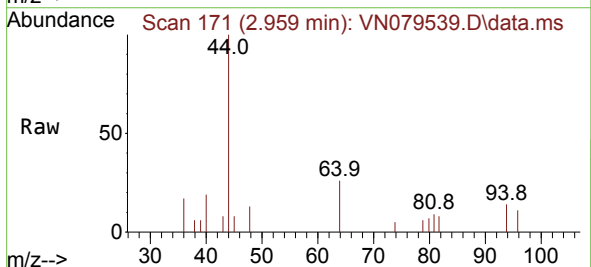


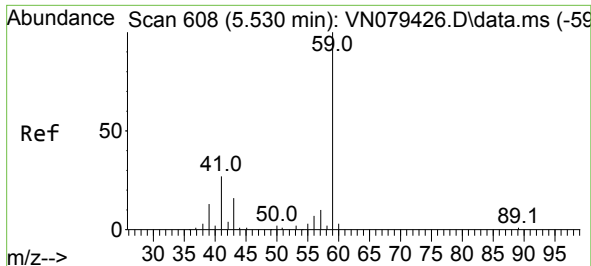
Tgt Ion:168 Resp: 248742
Ion Ratio Lower Upper
168 100
99 56.5 53.0 79.6



#5
Bromomethane
Concen: 0.291 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.024 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

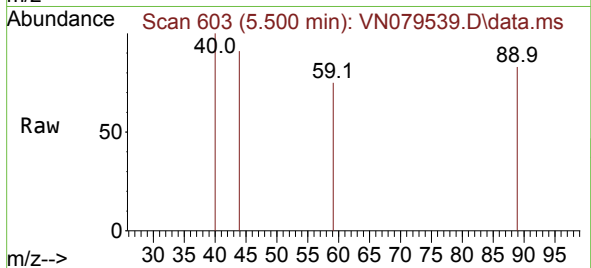
Tgt Ion: 94 Resp: 807
Ion Ratio Lower Upper
94 100
96 77.2 73.1 109.7



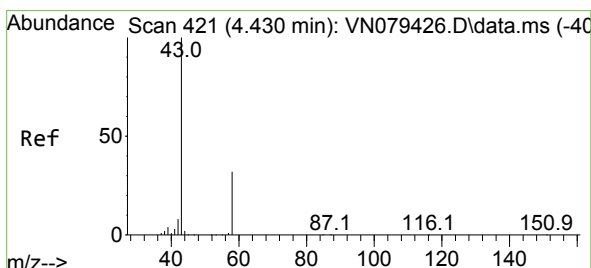
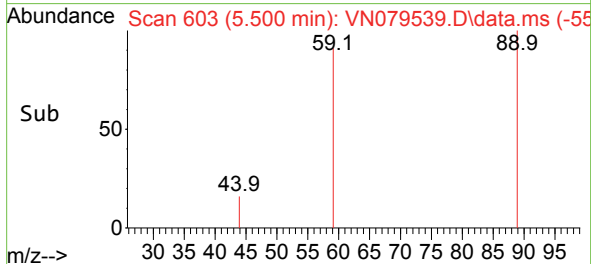
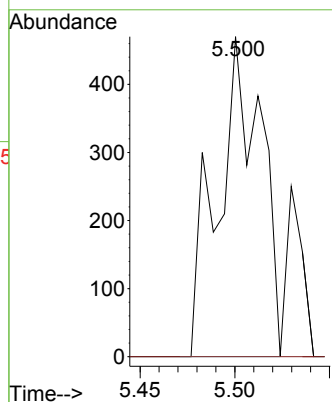


#11
Tert butyl alcohol
Concen: 1.239 ug/l
RT: 5.500 min Scan# 608
Delta R.T. -0.030 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :

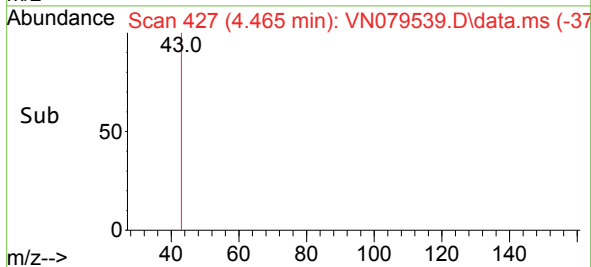
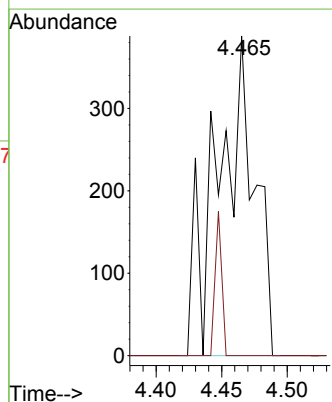
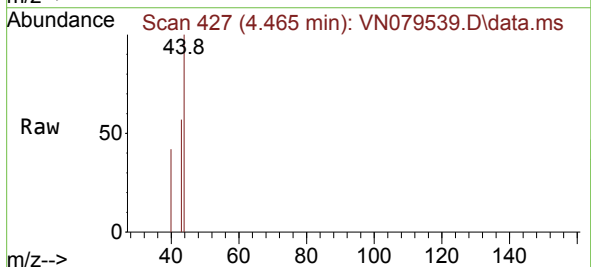


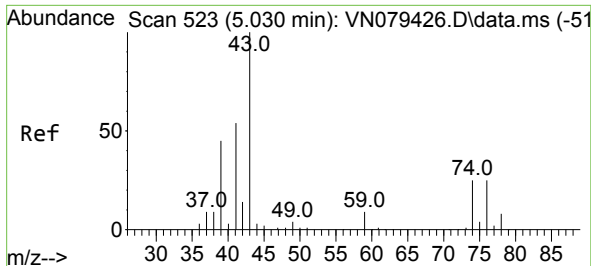
Tgt Ion: 59 Resp: 752
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.477 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.035 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

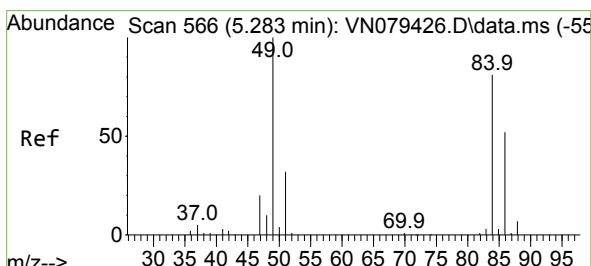
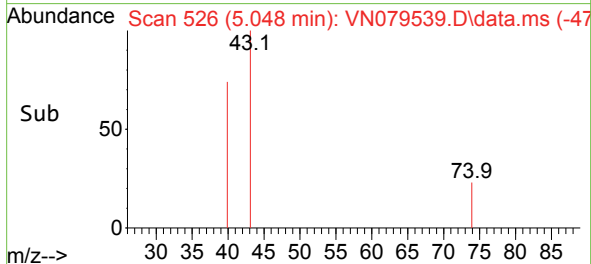
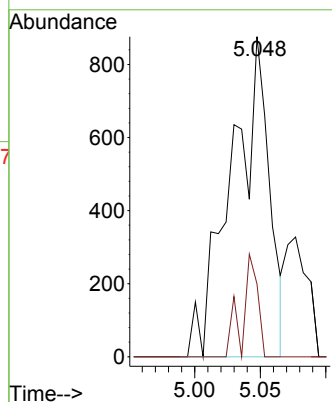
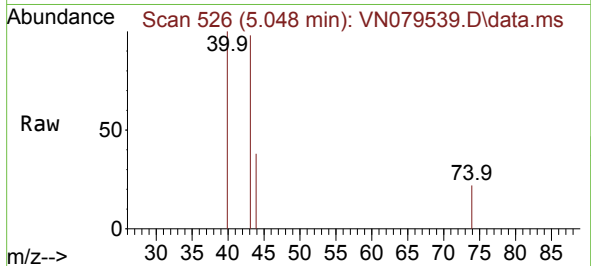




#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

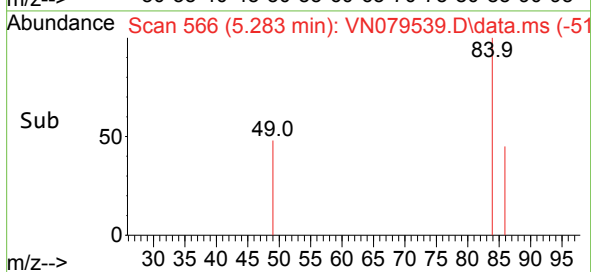
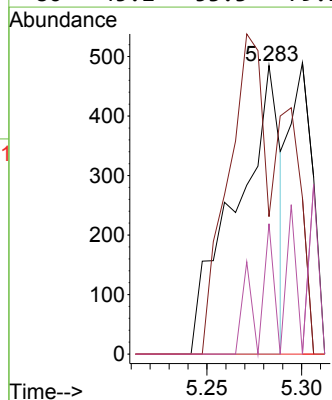
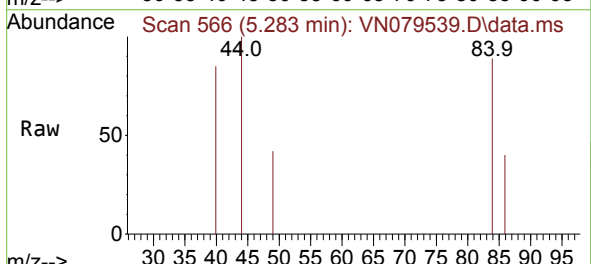
Instrument :
MSVOA_N
ClientSampleId :

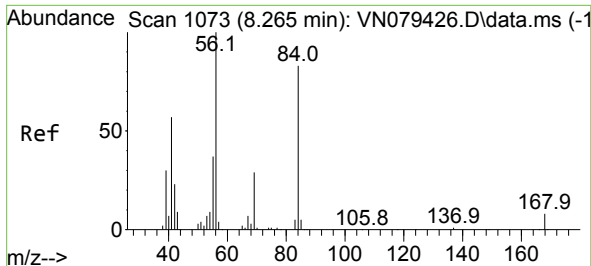
Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
74 12.9 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

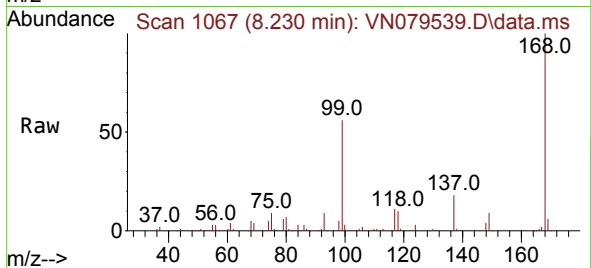
Tgt Ion: 84 Resp: 787
Ion Ratio Lower Upper
84 100
49 47.6 79.7 119.5#
51 0.0 25.2 37.8#
86 45.2 53.3 79.9#



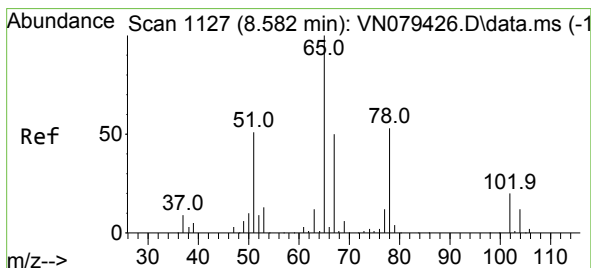
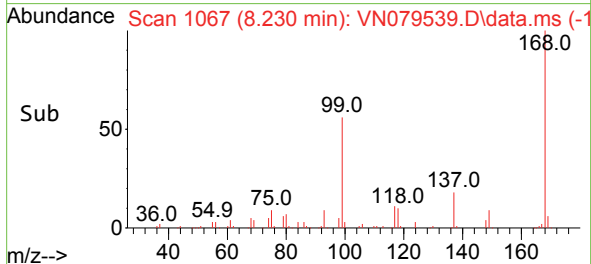
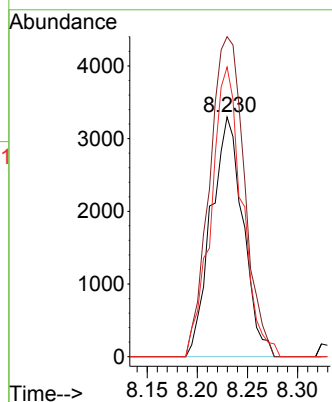


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :

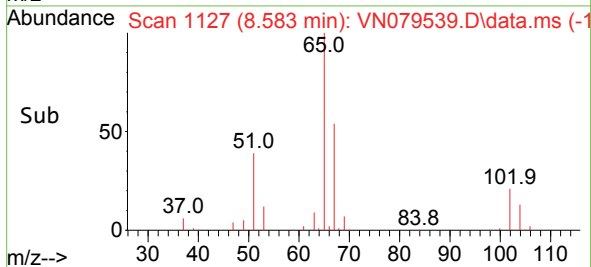
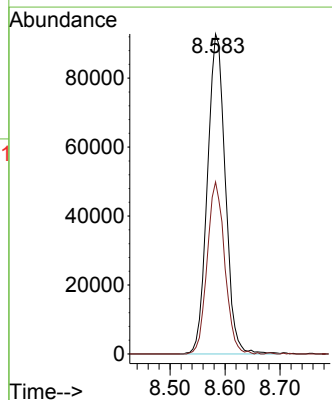
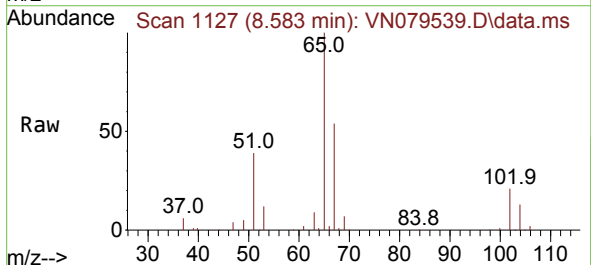


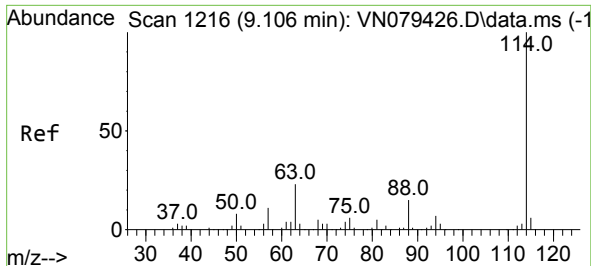
Tgt Ion: 56 Resp: 7344
Ion Ratio Lower Upper
56 100
69 133.5 26.8 40.2#
84 120.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 52.068 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 65 Resp: 209997
Ion Ratio Lower Upper
65 100
67 52.7 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: VN079539.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

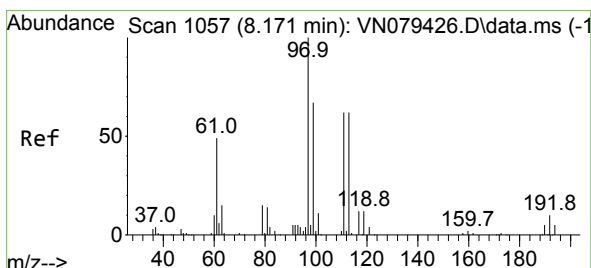
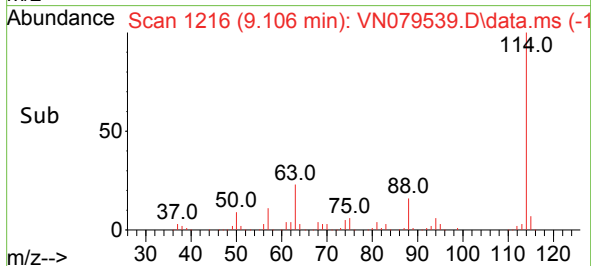
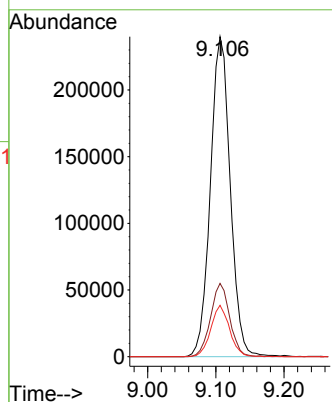
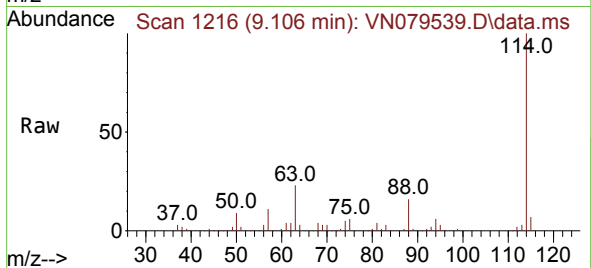
Tgt Ion:114 Resp: 486600

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.341 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079539.D

Acq: 12 Oct 2023 12:38

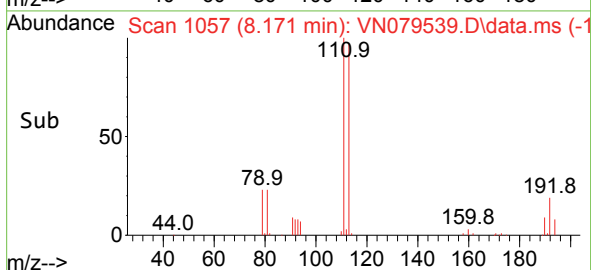
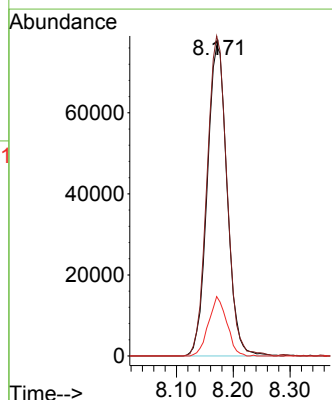
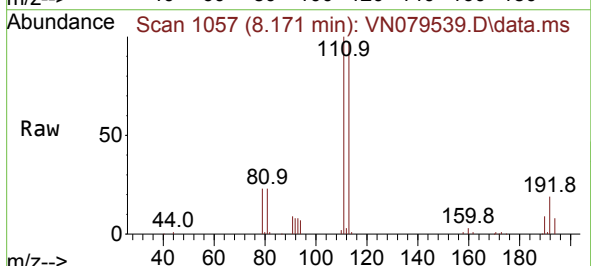
Tgt Ion:113 Resp: 186527

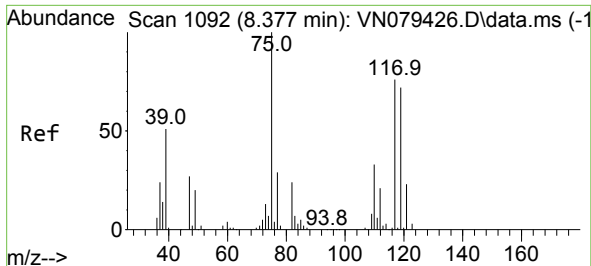
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.443 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

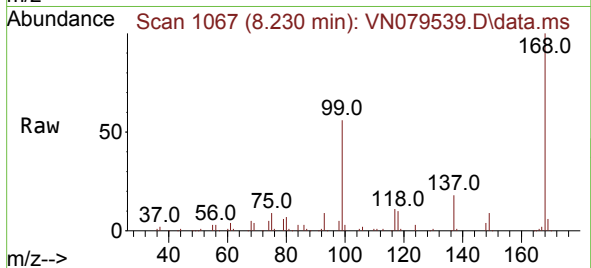
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Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :



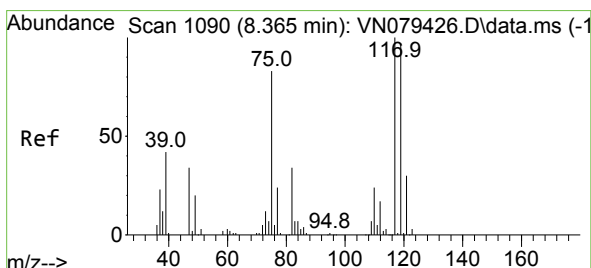
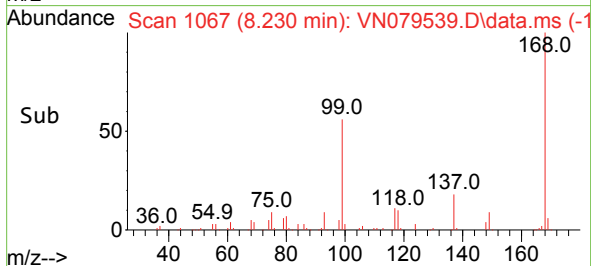
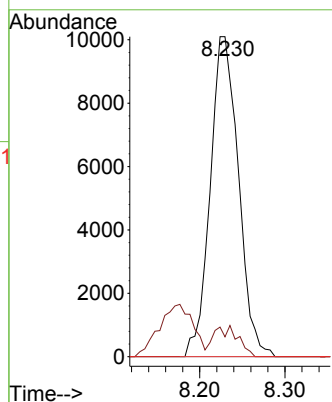
Tgt Ion: 75 Resp: 23317

Ion Ratio Lower Upper

75 100

110 8.3 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.351 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN079539.D

Acq: 12 Oct 2023 12:38

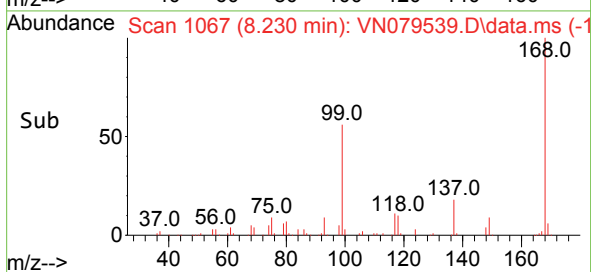
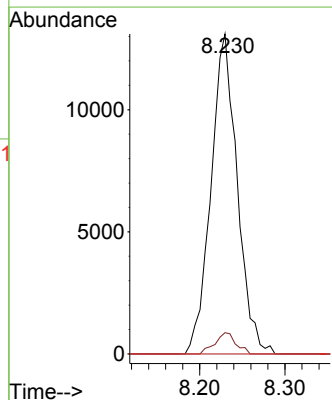
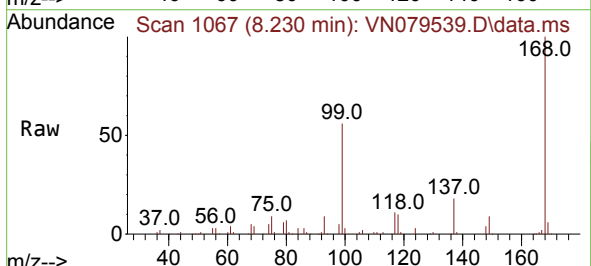
Tgt Ion: 117 Resp: 28115

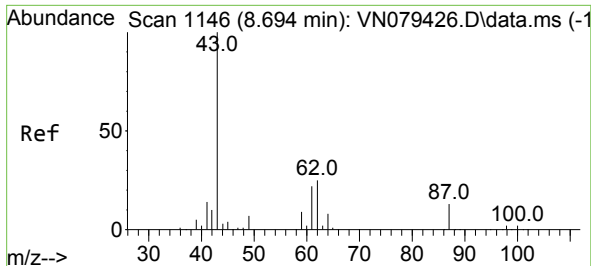
Ion Ratio Lower Upper

117 100

119 6.6 77.3 115.9#

121 0.0 23.3 34.9#

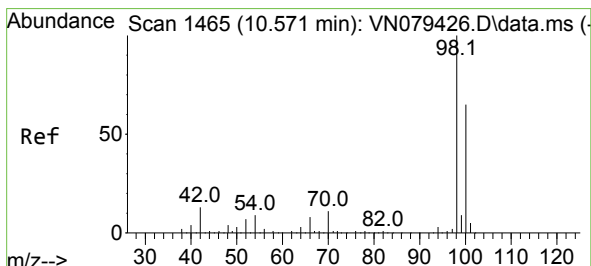
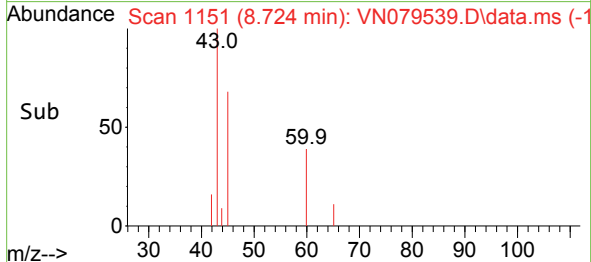
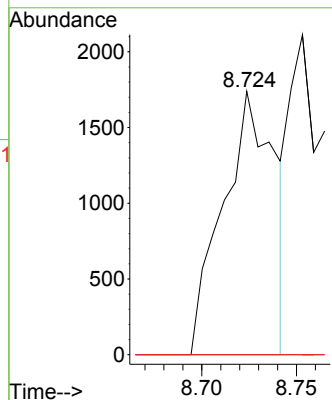
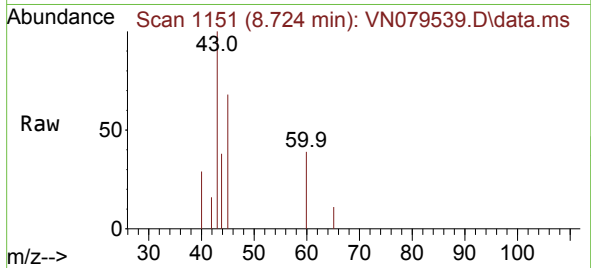




#43
Isopropyl Acetate
Concen: 0.360 ug/l
RT: 8.724 min Scan# 1146
Delta R.T. 0.029 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

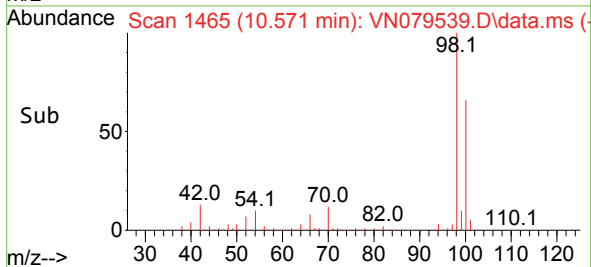
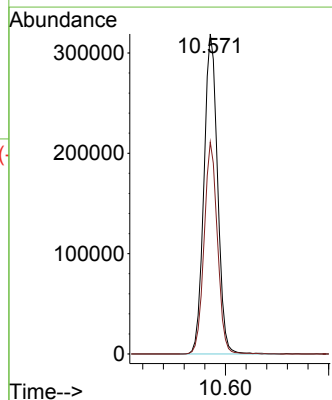
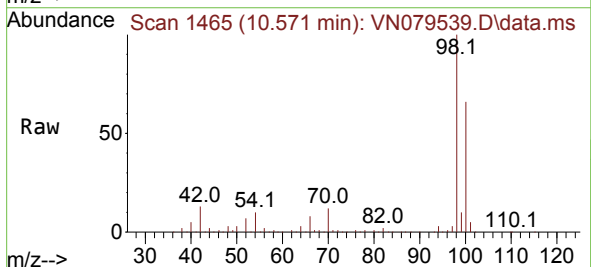
Instrument :
MSVOA_N
ClientSampleId :

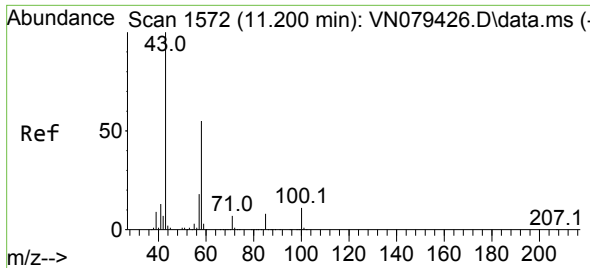
Tgt Ion: 43 Resp: 3291
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 46.011 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 98 Resp: 582167
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

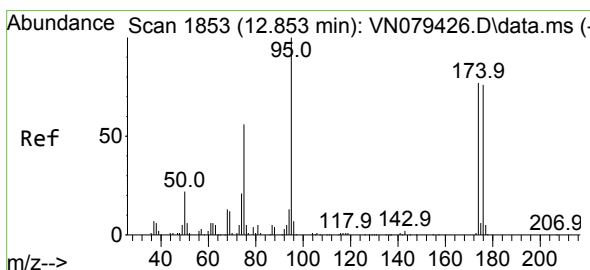
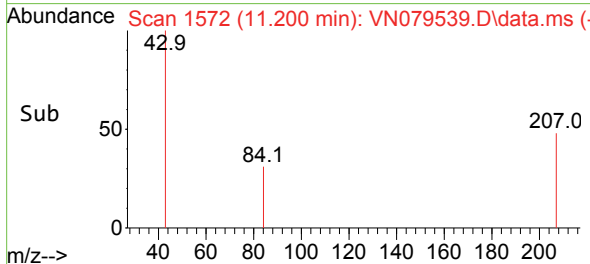
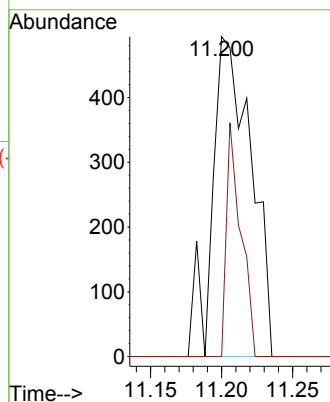
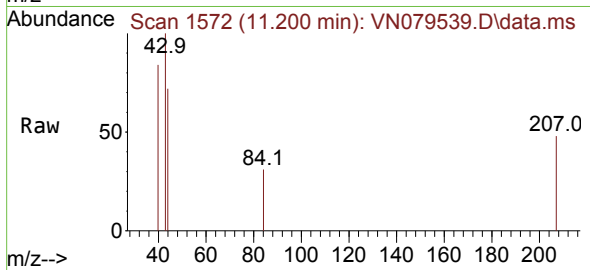




#59
2-Hexanone
Concen: 0.251 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

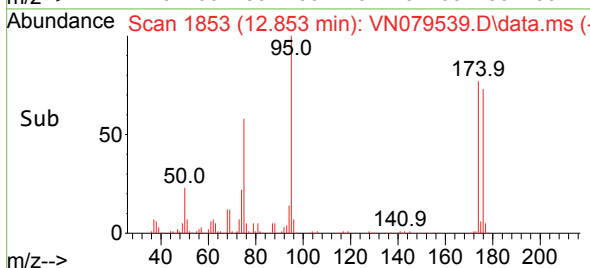
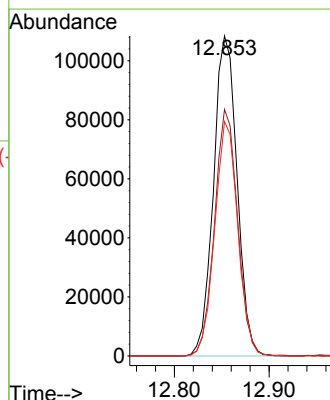
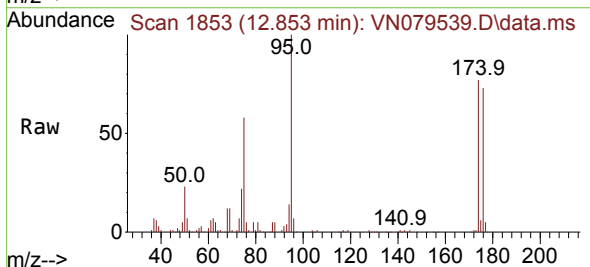
Instrument :
MSVOA_N
ClientSampleId :

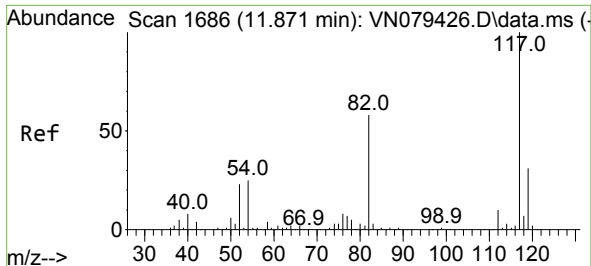
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 27.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 46.121 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 95 Resp: 187274
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 71.8 0.0 135.8

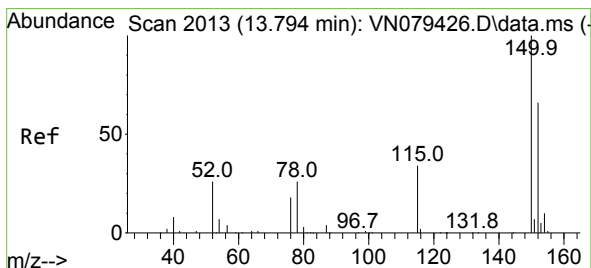
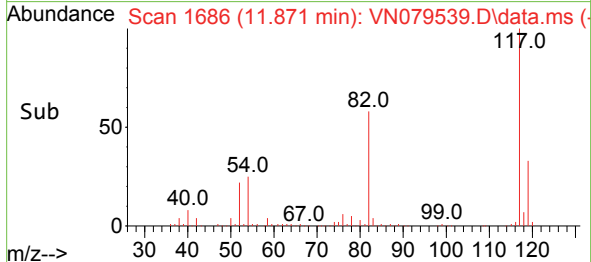
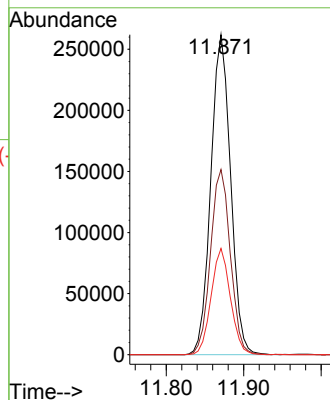
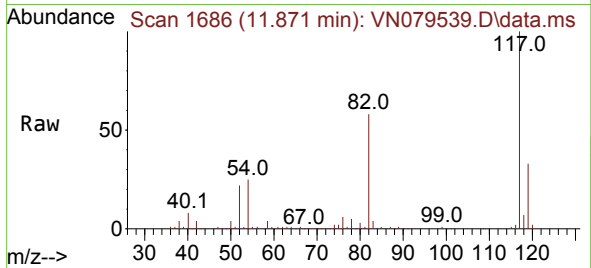




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

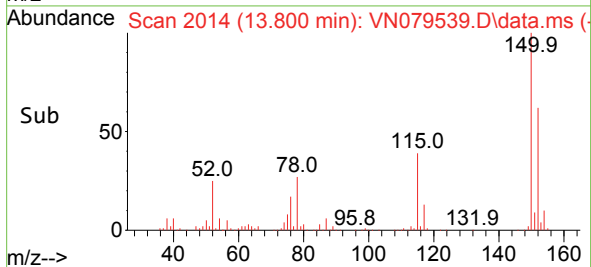
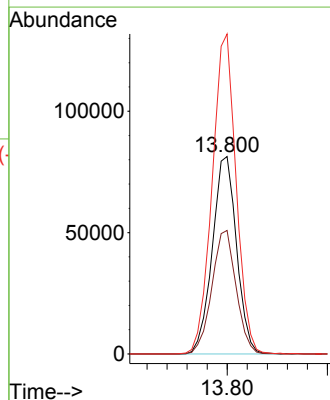
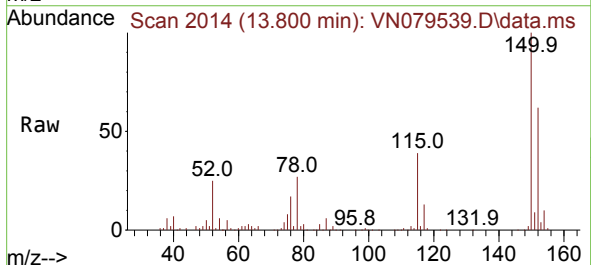
Instrument :
MSVOA_N
ClientSampleId :

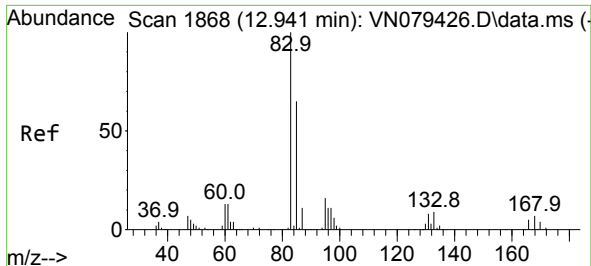
Tgt Ion:117 Resp: 464096
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 33.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion:152 Resp: 136638
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 159.9 0.0 355.8

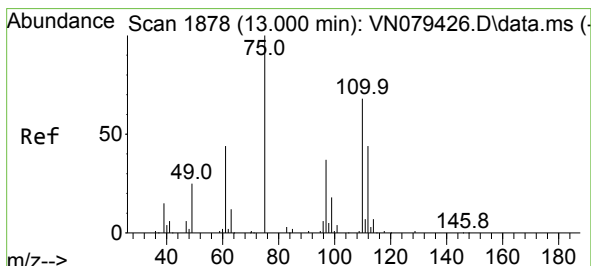
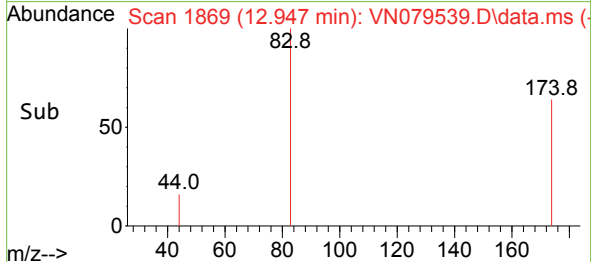
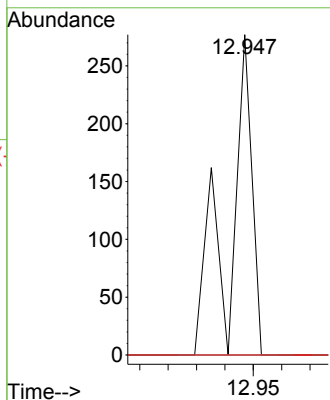
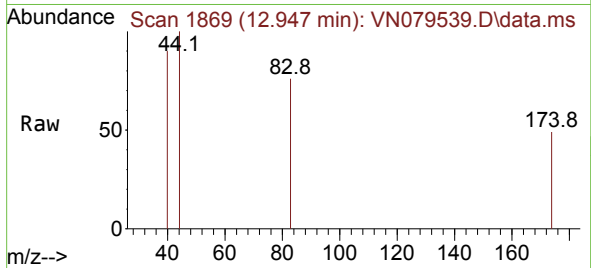




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.947 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

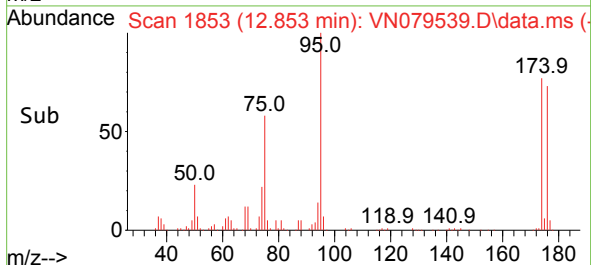
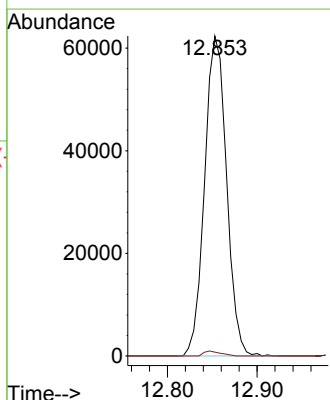
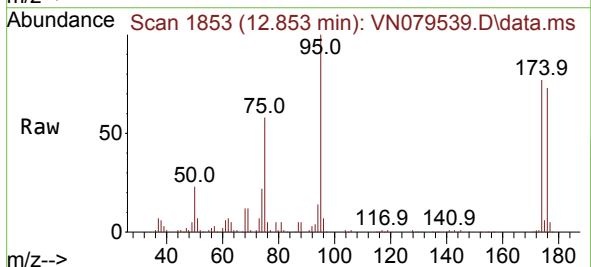
Instrument :
MSVOA_N
ClientSampleId :

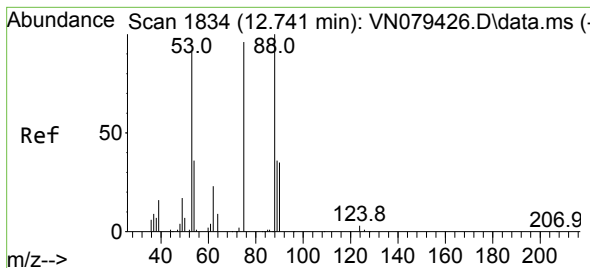
Tgt Ion: 83 Resp: 155
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 26.873 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 75 Resp: 105870
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#

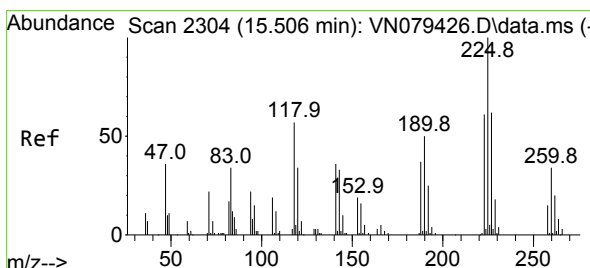
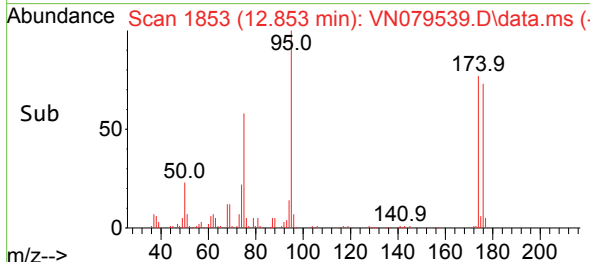
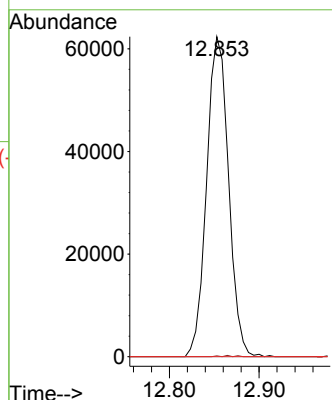
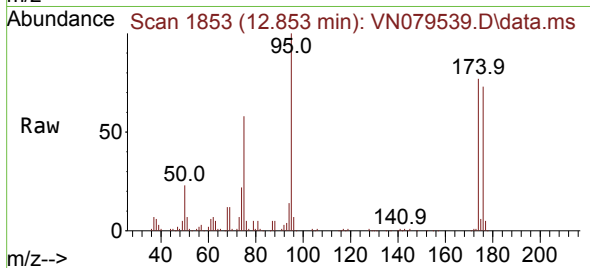




#81
trans-1,4-Dichloro-2-butene
Concen: 77.973 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

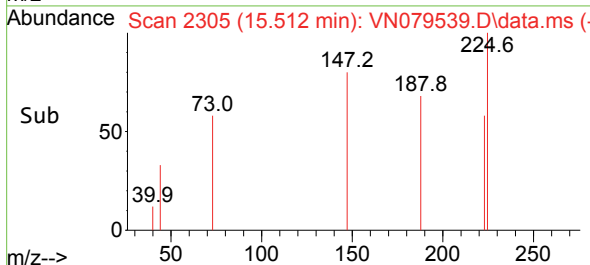
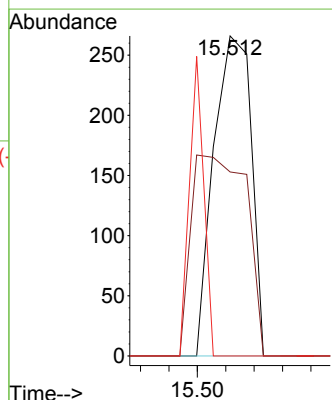
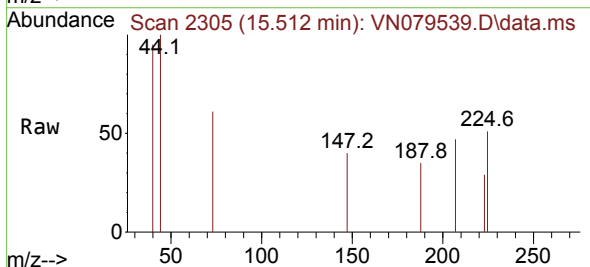
Instrument :
MSVOA_N
ClientSampleId :

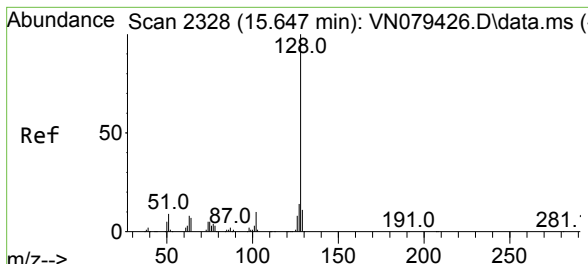
Tgt Ion: 75 Resp: 105870
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#



#94
Hexachlorobutadiene
Concen: 0.210 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

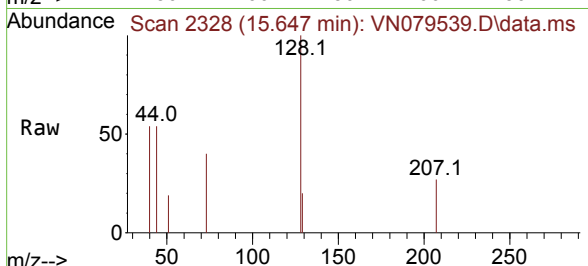
Tgt Ion: 225 Resp: 244
Ion Ratio Lower Upper
225 100
223 91.8 31.3 93.8
227 36.1 31.9 95.9





#95
 Naphthalene
 Concen: 0.427 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079539.D
 Acq: 12 Oct 2023 12:38

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	1949
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	11.4	8.7	13.1

