

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079522.D
 Acq On : 11 Oct 2023 17:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:12:28 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)

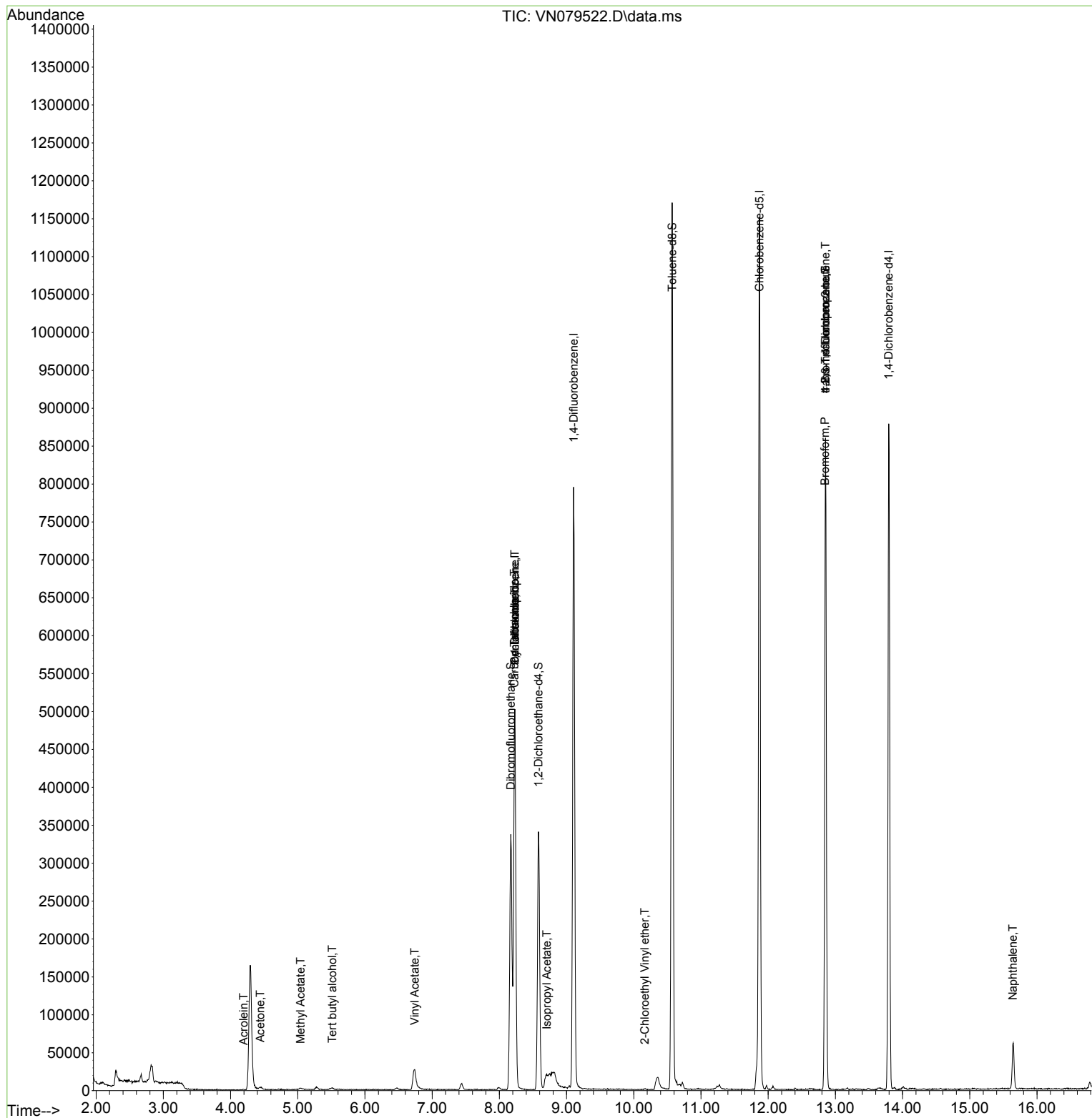
Internal Standards						
1) Pentafluorobenzene	8.230	168	350172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	670960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	638885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	280575	49.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.840%
35) Dibromofluoromethane	8.171	113	239882	49.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.571	98	785487	45.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.853	95	290668	51.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	1834	2.146	ug/l #	72
13) Acrolein	4.195	56	679	0.798	ug/l	97
16) Acetone	4.442	43	5722	2.541	ug/l #	81
18) Methyl Acetate	5.042	43	4620	0.419	ug/l #	69
20) Methylene Chloride	5.277	84	2038	Below Cal	#	44
23) Vinyl Acetate	6.742	43	5940	0.705	ug/l #	62
31) Cyclohexane	8.230	56	10032	1.246	ug/l #	56
36) 1,1-Dichloropropene	8.230	75	32504	4.492	ug/l #	47
38) Carbon Tetrachloride	8.224	117	38882	5.367	ug/l #	16
43) Isopropyl Acetate	8.706	43	17524	1.389	ug/l #	51
58) 2-Chloroethyl Vinyl ether	10.165	63	717	0.268	ug/l #	42
71) Bromoform	12.847	173	916	0.240	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.853	83	207	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	162274	24.856	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	162274	72.120	ug/l #	16
95) Naphthalene	15.641	128	55918	7.399	ug/l	99

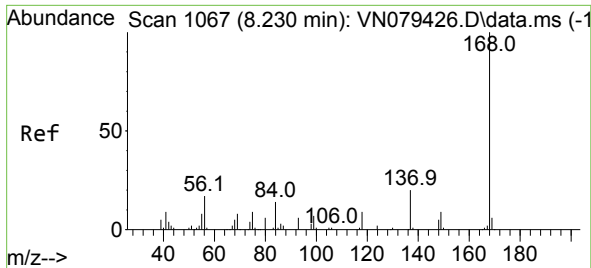
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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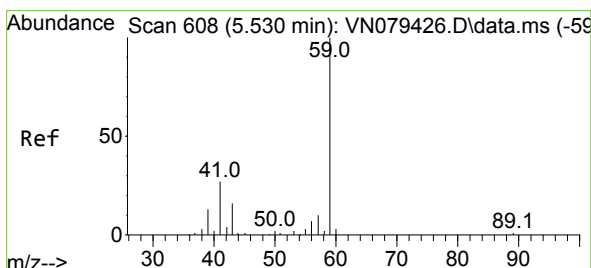
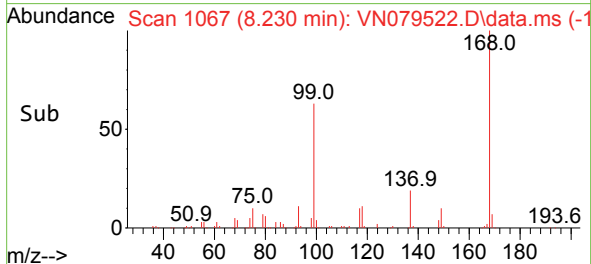
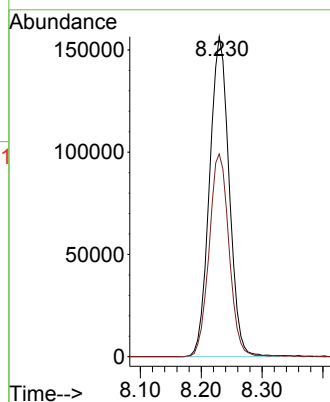
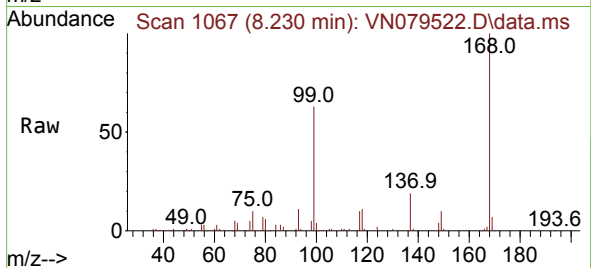




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

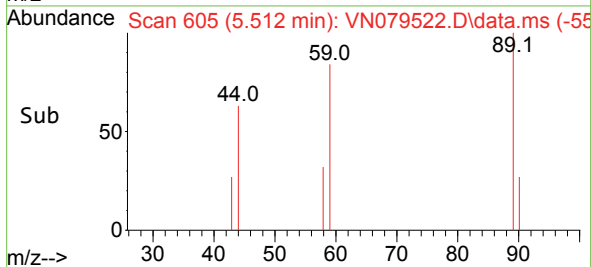
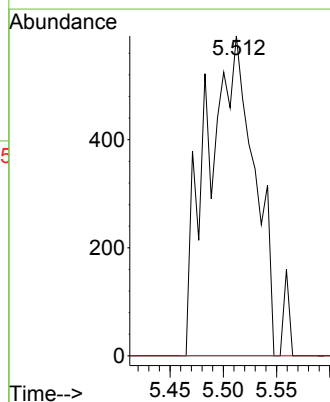
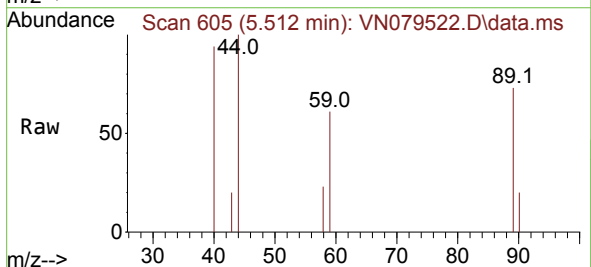
Instrument :
MSVOA_N
ClientSampleId :

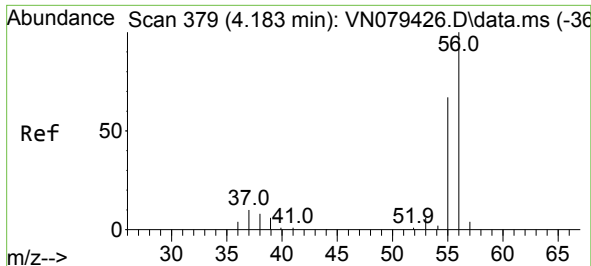
Tgt Ion:168 Resp: 350172
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#11
Tert butyl alcohol
Concen: 2.146 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

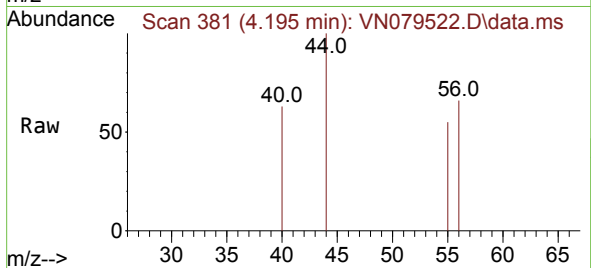
Tgt Ion: 59 Resp: 1834
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



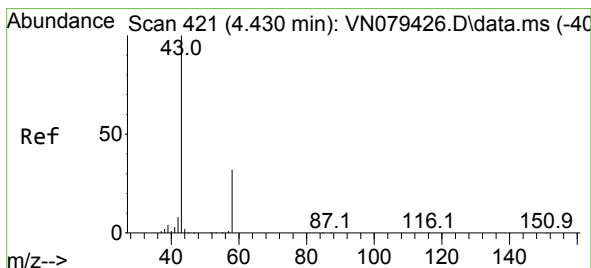
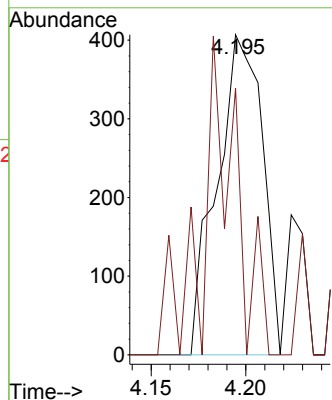
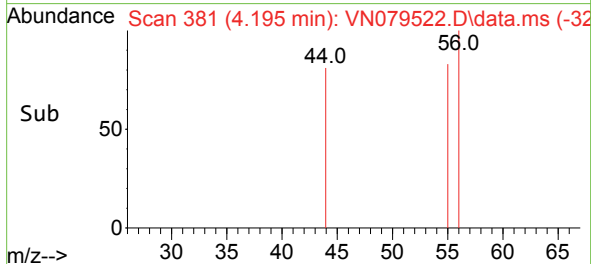


#13
Acrolein
Concen: 0.798 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Instrument :
MSVOA_N
ClientSampleId :

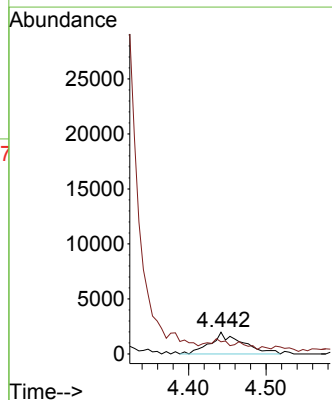
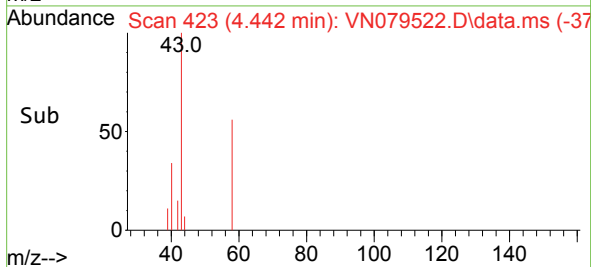
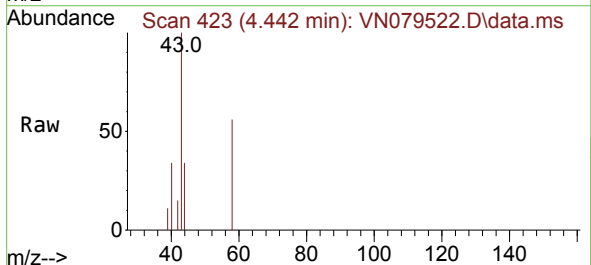


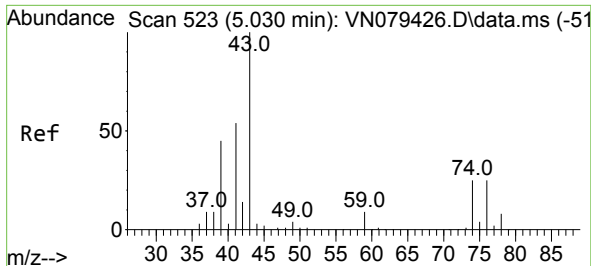
Tgt Ion: 56 Resp: 679
Ion Ratio Lower Upper
56 100
55 66.0 54.5 81.7



#16
Acetone
Concen: 2.541 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion: 43 Resp: 5722
Ion Ratio Lower Upper
43 100
58 23.8 28.0 42.0#

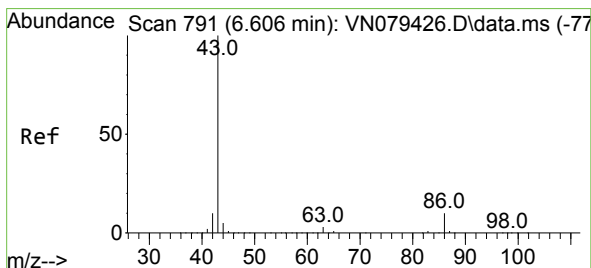
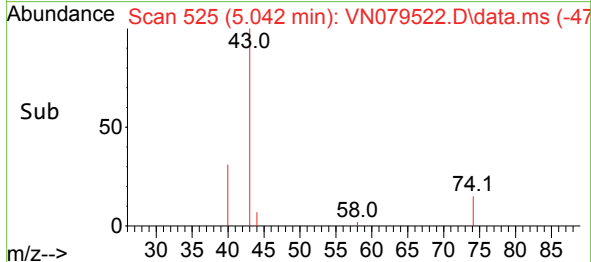
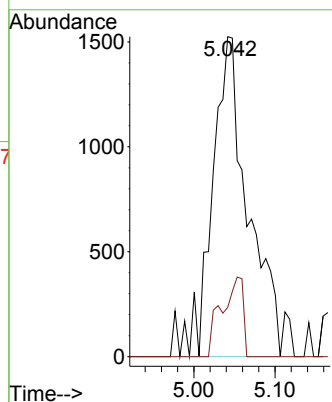
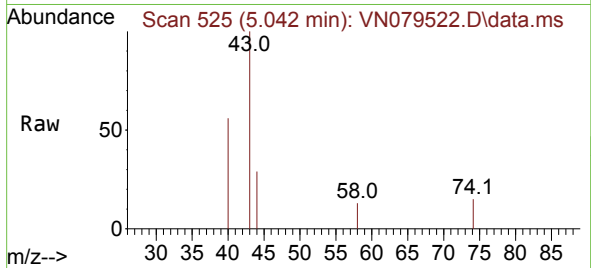




#18
Methyl Acetate
Concen: 0.419 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

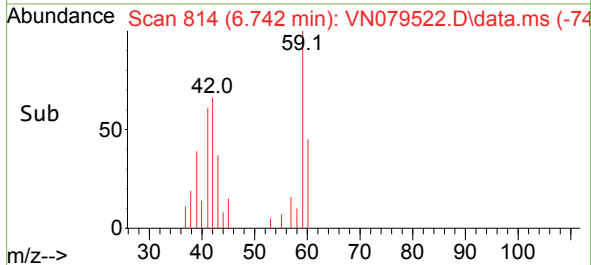
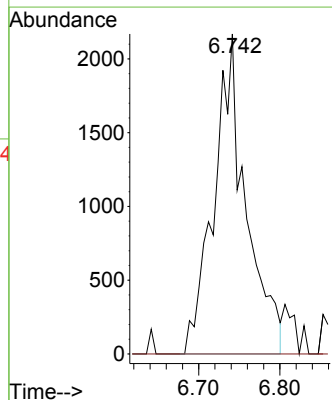
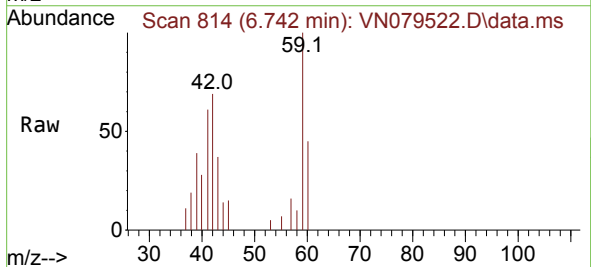
Instrument :
MSVOA_N
ClientSampleId :

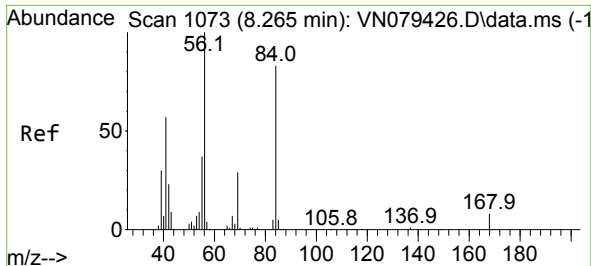
Tgt Ion: 43 Resp: 4620
Ion Ratio Lower Upper
43 100
74 15.0 26.2 39.4#



#23
Vinyl Acetate
Concen: 0.705 ug/l
RT: 6.742 min Scan# 814
Delta R.T. 0.136 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

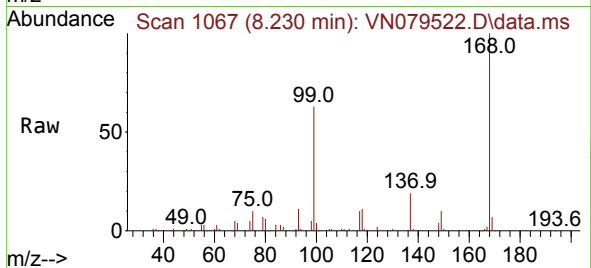
Tgt Ion: 43 Resp: 5940
Ion Ratio Lower Upper
43 100
86 0.0 13.0 19.6#



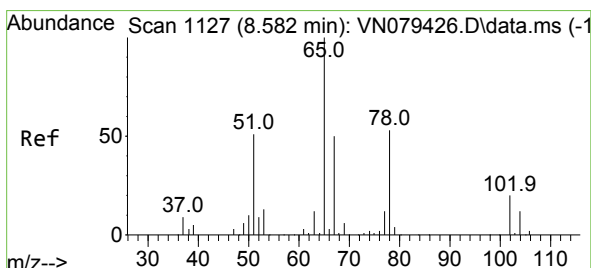
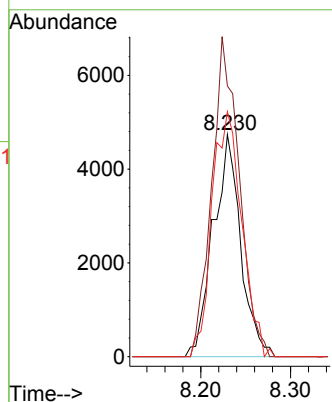
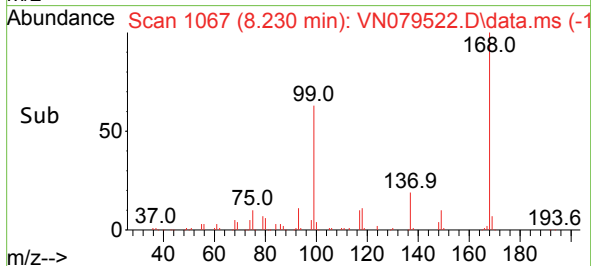


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Instrument :
MSVOA_N
ClientSampleId :

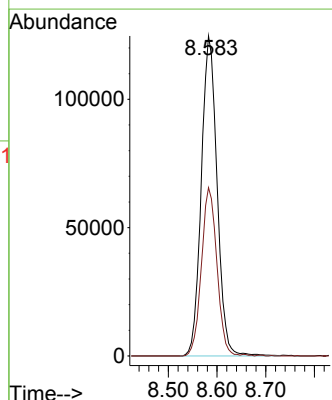
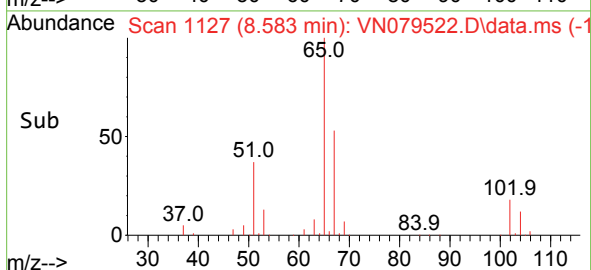
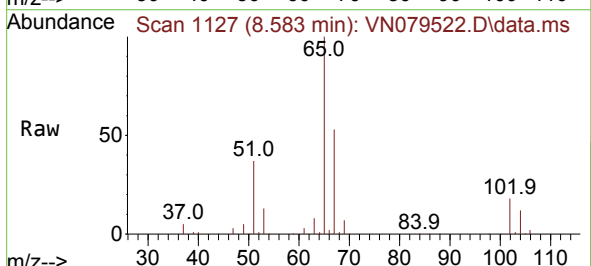


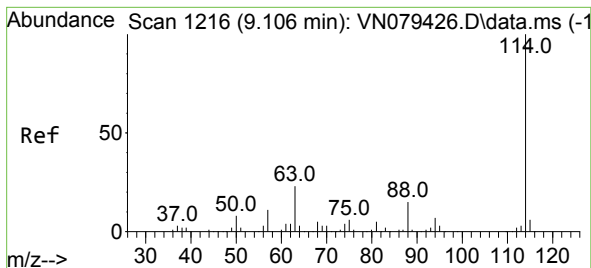
Tgt Ion: 56 Resp: 10032
Ion Ratio Lower Upper
56 100
69 121.9 26.8 40.2#
84 110.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 49.416 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion: 65 Resp: 280575
Ion Ratio Lower Upper
65 100
67 51.5 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: VN079522.D

Acq: 11 Oct 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

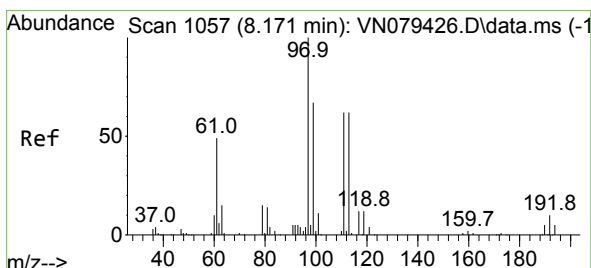
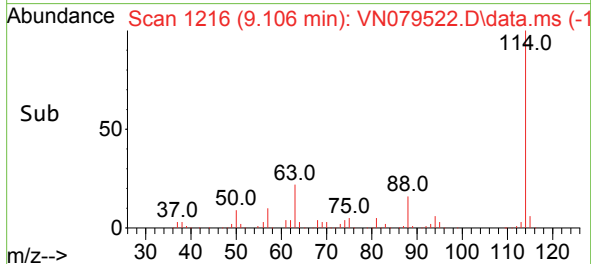
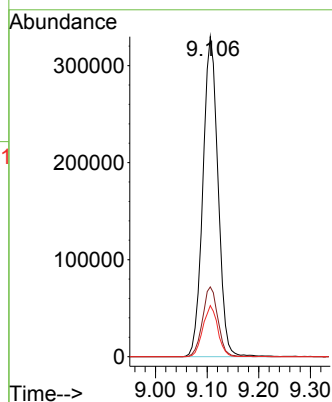
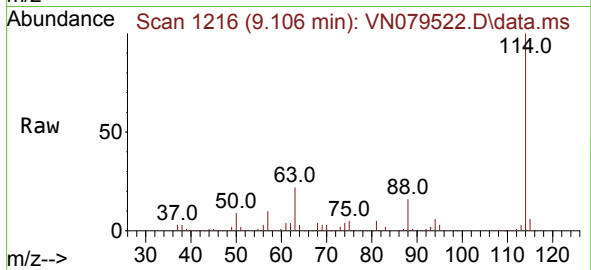
Tgt Ion:114 Resp: 670960

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.750 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079522.D

Acq: 11 Oct 2023 17:12

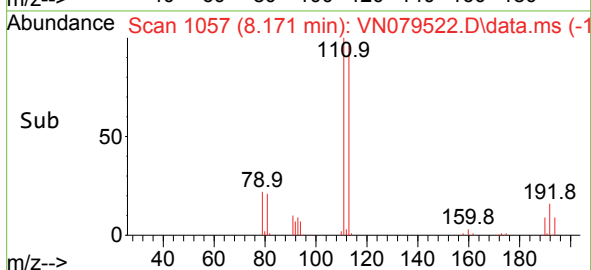
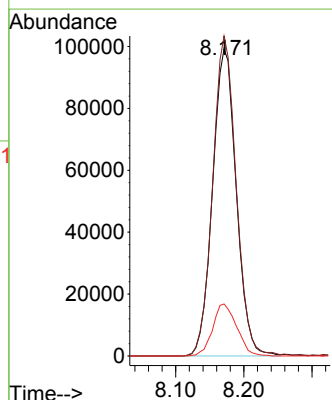
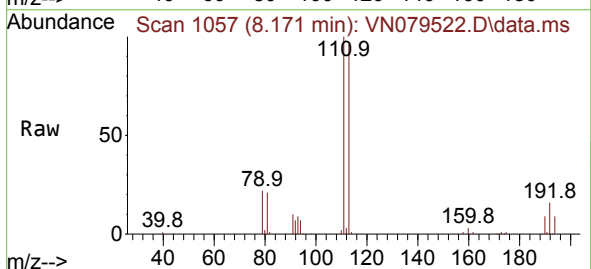
Tgt Ion:113 Resp: 239882

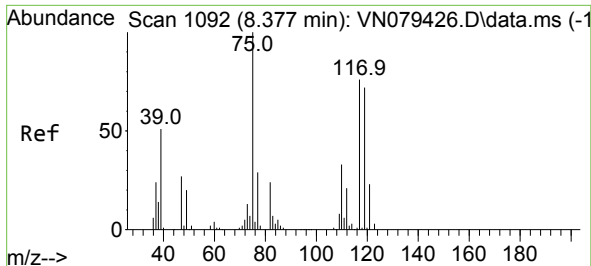
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

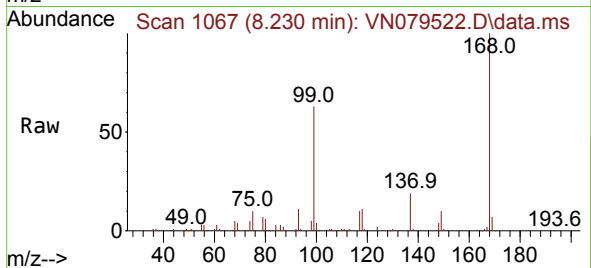
192 17.2 12.7 19.1



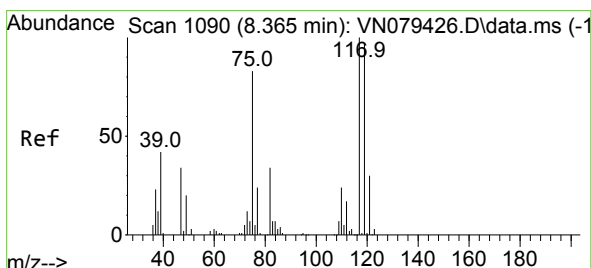
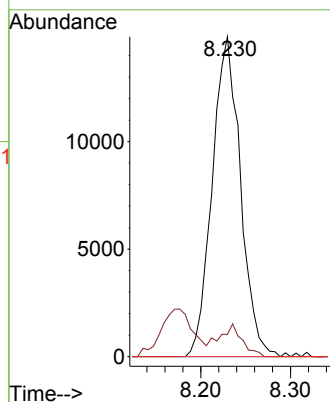
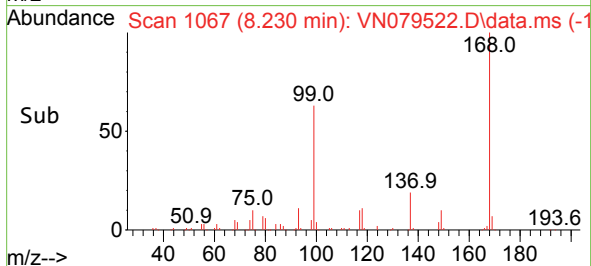


#36
1,1-Dichloropropene
Concen: 4.492 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Instrument :
MSVOA_N
ClientSampleId :

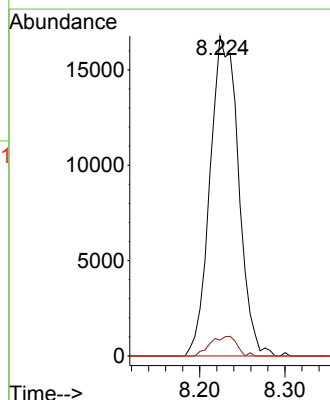
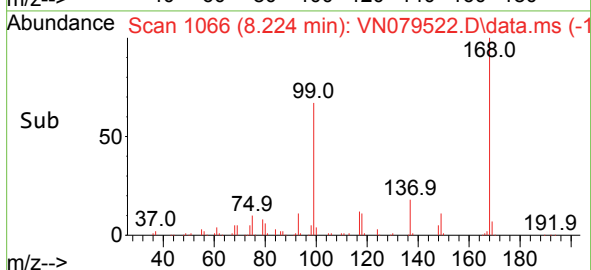
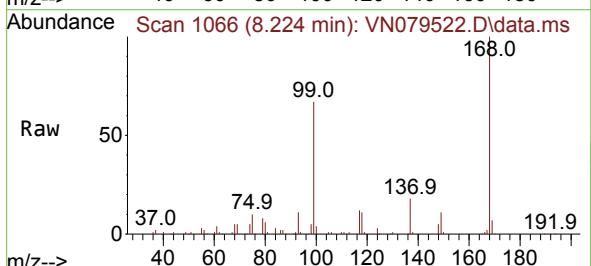


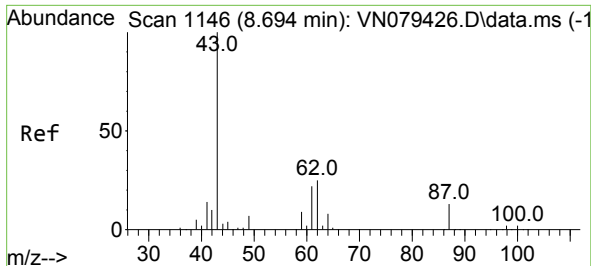
Tgt Ion: 75 Resp: 32504
Ion Ratio Lower Upper
75 100
110 8.4 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.367 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion: 117 Resp: 38882
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 23.3 34.9#

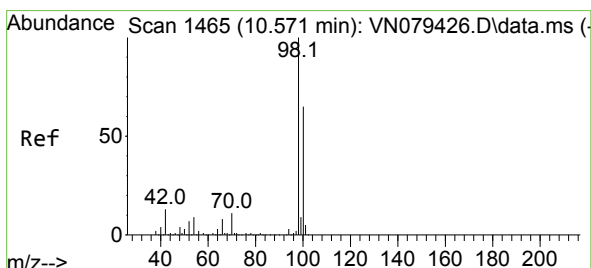
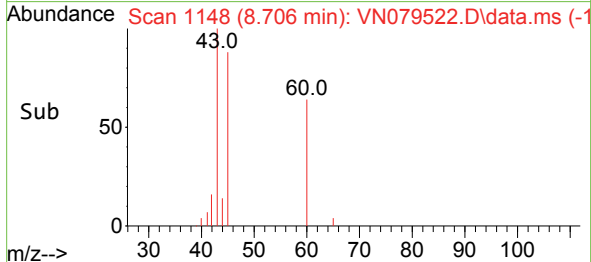
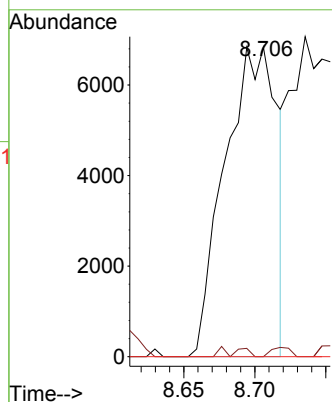
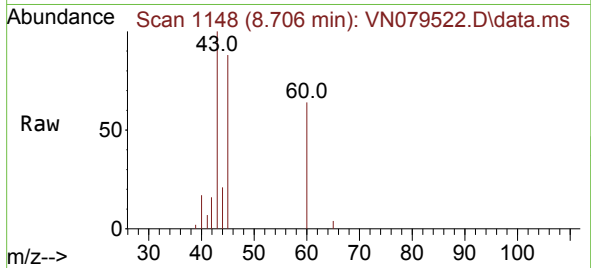




#43
Isopropyl Acetate
Concen: 1.389 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

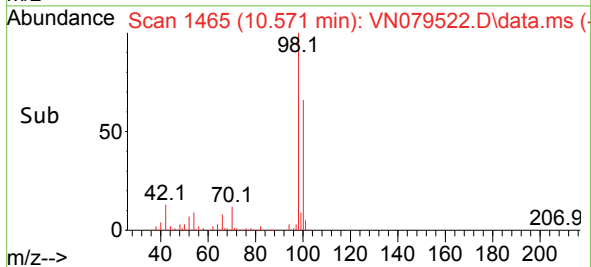
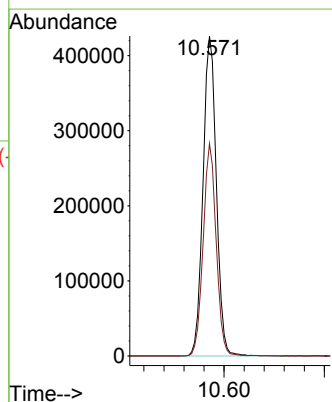
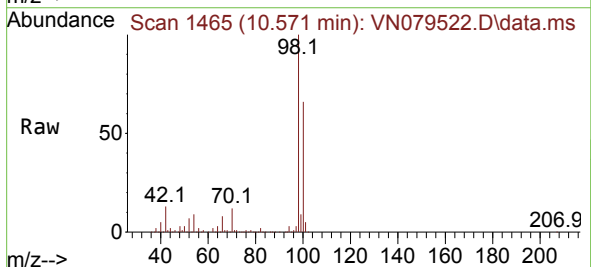
Instrument :
MSVOA_N
ClientSampleId :

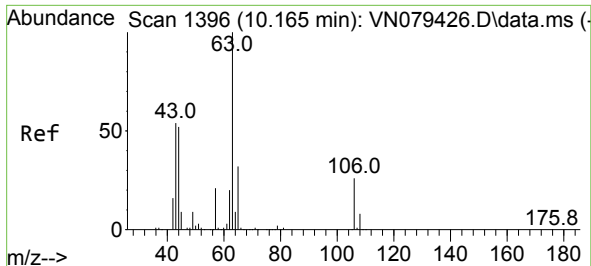
Tgt Ion: 43 Resp: 17524
Ion Ratio Lower Upper
43 100
61 1.1 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 45.023 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion: 98 Resp: 785487
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

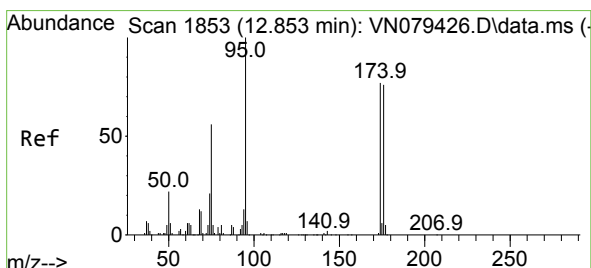
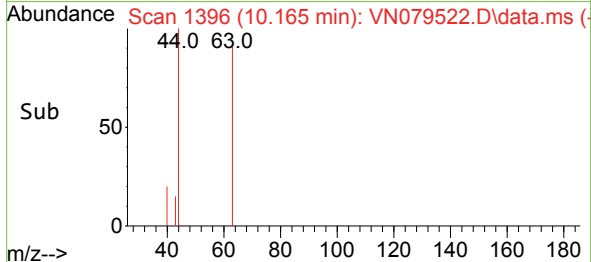
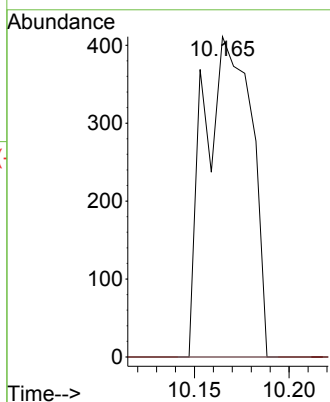
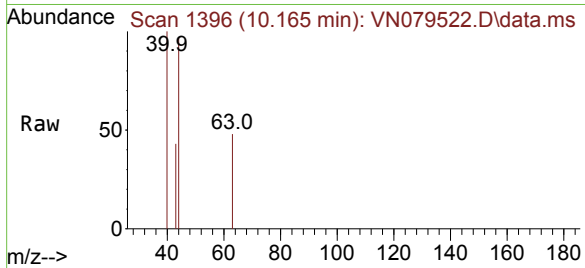




#58
2-Chloroethyl Vinyl ether
Concen: 0.268 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

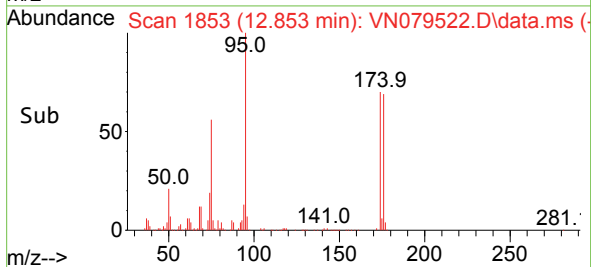
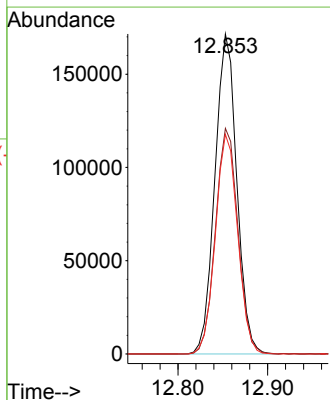
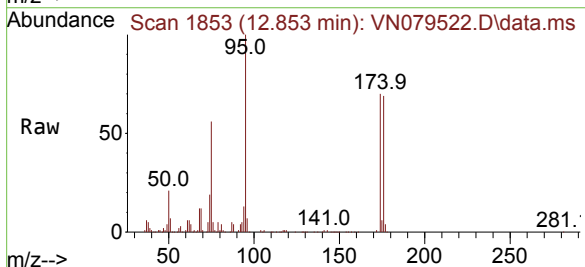
Instrument :
MSVOA_N
ClientSampleId :

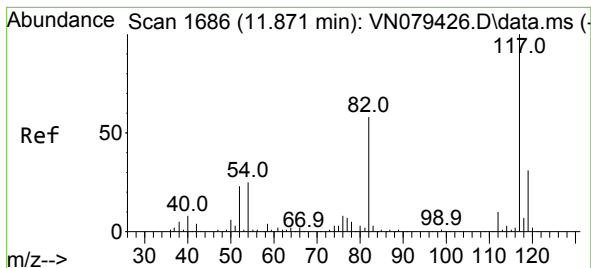
Tgt Ion: 63 Resp: 717
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 51.915 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion: 95 Resp: 290668
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 69.8 0.0 135.8

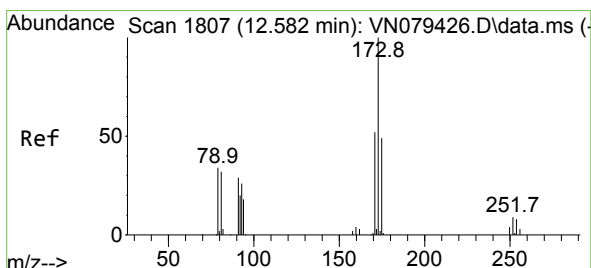
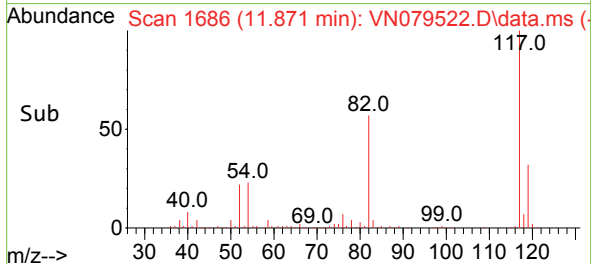
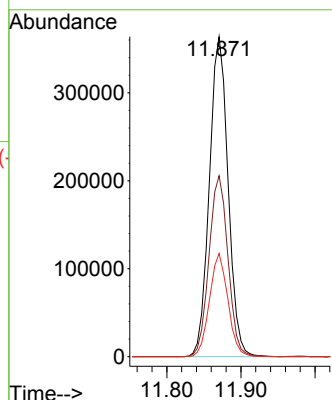
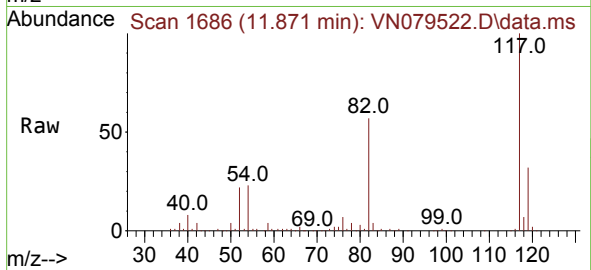




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

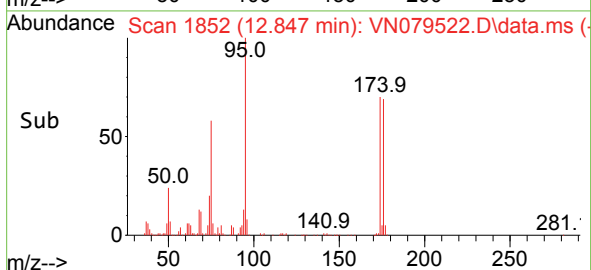
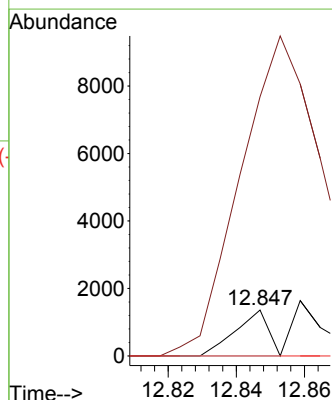
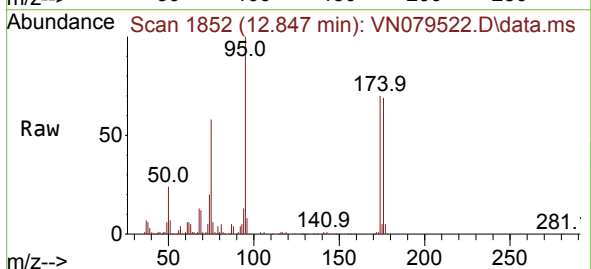
Instrument :
MSVOA_N
ClientSampleId :

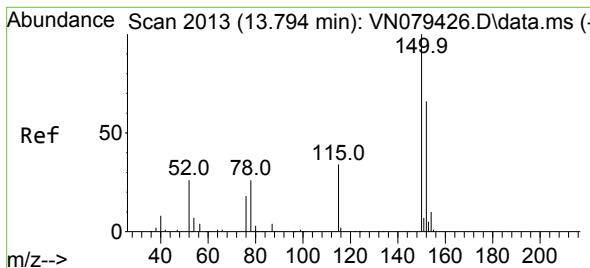
Tgt Ion:117 Resp: 638885
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.3 25.6 38.4



#71
Bromoform
Concen: 0.240 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion:173 Resp: 916
Ion Ratio Lower Upper
173 100
175 1323.3 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079522.D

Acq: 11 Oct 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

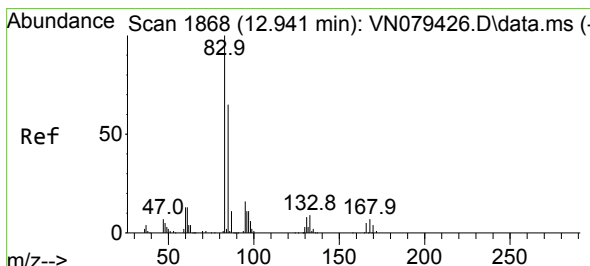
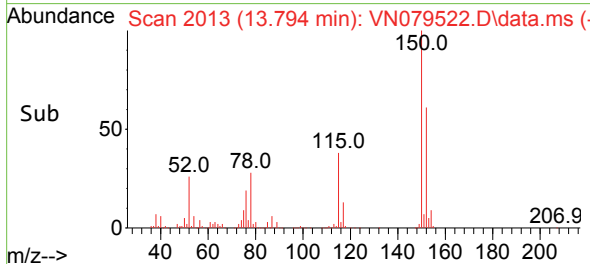
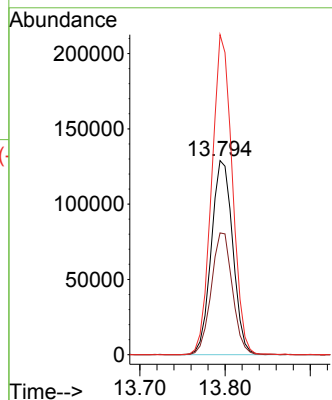
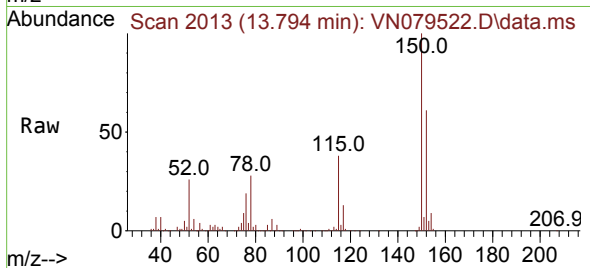
Tgt Ion:152 Resp: 226433

Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 157.8 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.853 min Scan# 1853

Delta R.T. -0.088 min

Lab File: VN079522.D

Acq: 11 Oct 2023 17:12

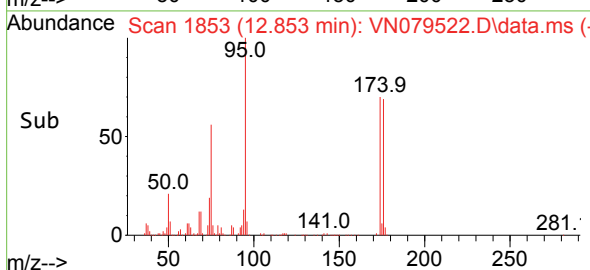
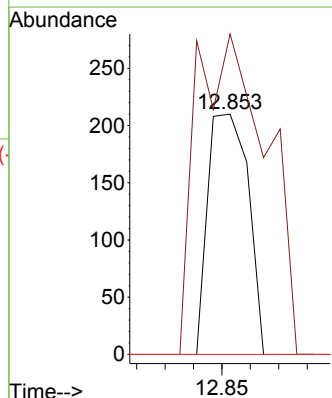
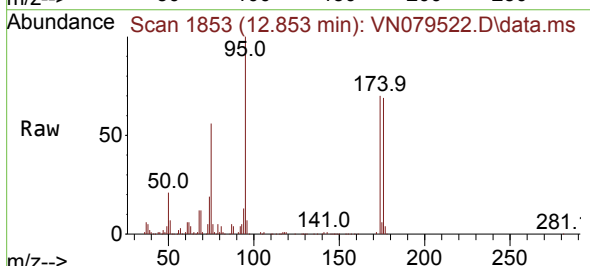
Tgt Ion: 83 Resp: 207

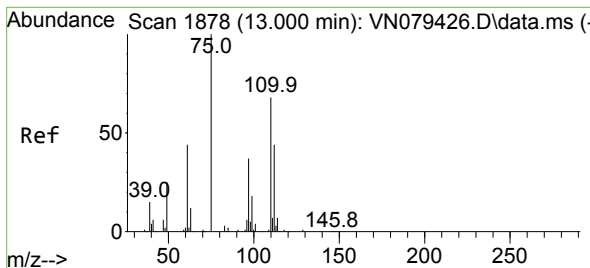
Ion Ratio Lower Upper

83 100

131 232.4 5.0 15.0#

85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 24.856 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079522.D

Acq: 11 Oct 2023 17:12

Instrument :

MSVOA_N

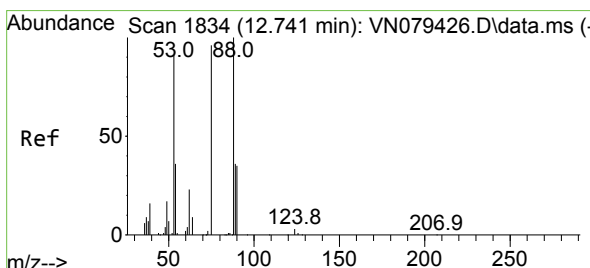
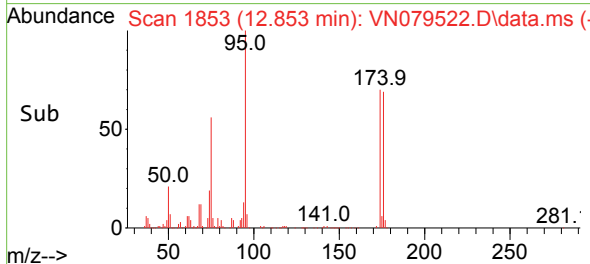
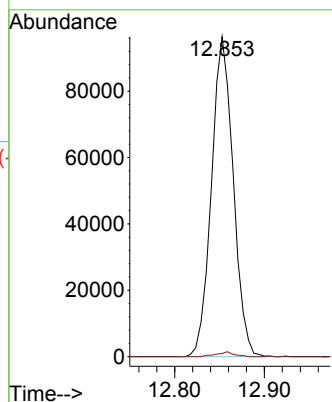
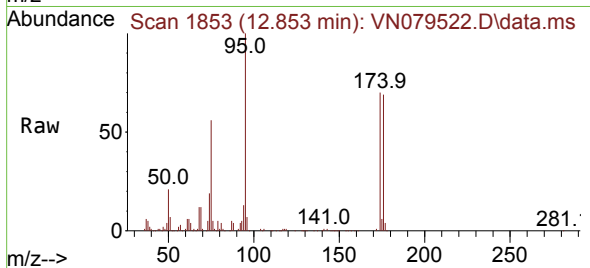
ClientSampleId :

Tgt Ion: 75 Resp: 162274

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.120 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079522.D

Acq: 11 Oct 2023 17:12

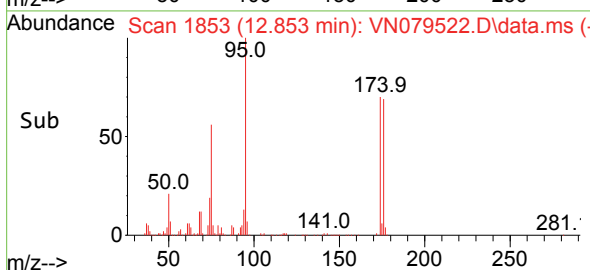
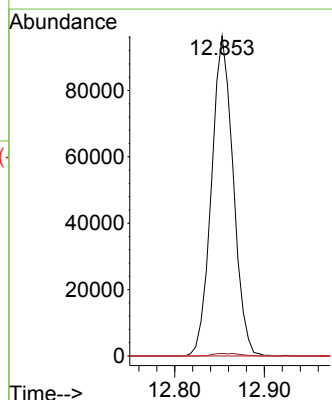
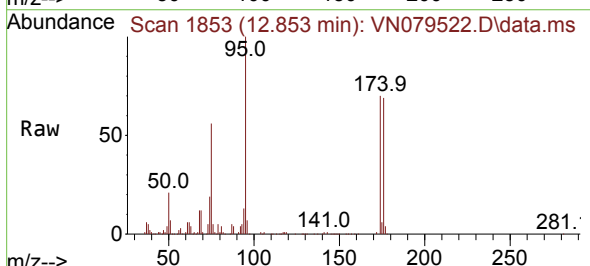
Tgt Ion: 75 Resp: 162274

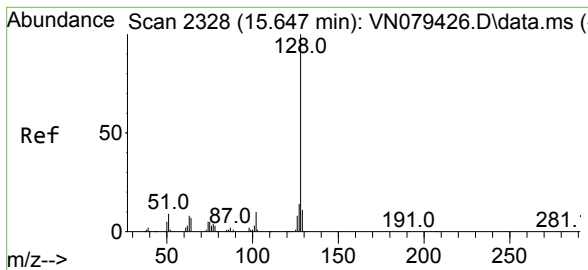
Ion Ratio Lower Upper

75 100

53 1.0 67.4 101.2#

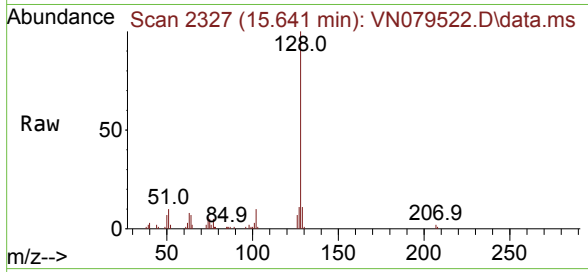
89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 7.399 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	55918
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.6	8.7	13.1

