

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079526.D
 Acq On : 11 Oct 2023 18:48
 Operator : JC\MD
 Sample : 04833-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:13:59 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)

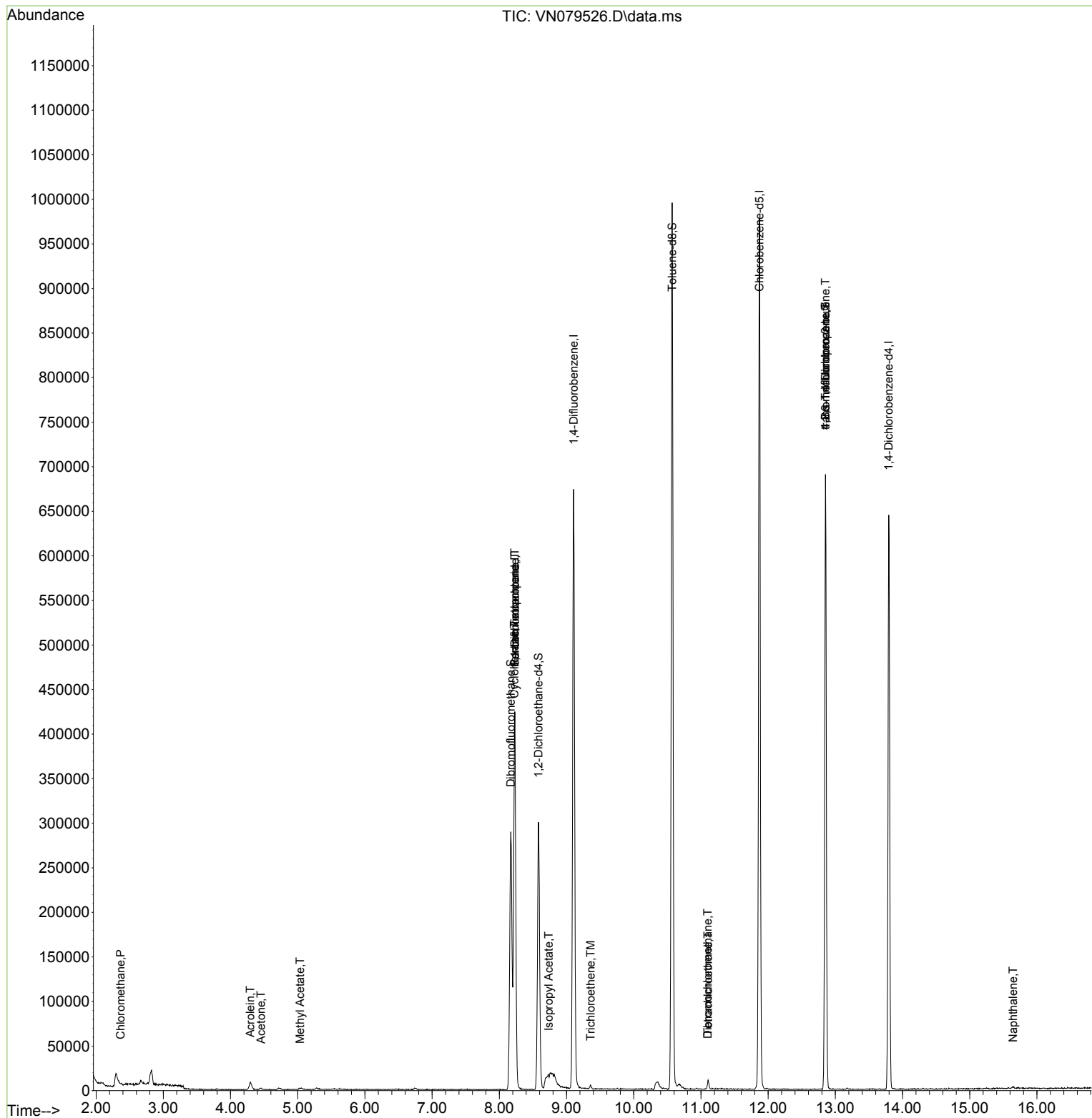
Internal Standards						
1) Pentafluorobenzene	8.230	168	294545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	543384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236925	49.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.220%		
35) Dibromofluoromethane	8.171	113	207255	50.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.680%		
50) Toluene-d8	10.571	98	667556	44.808	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.620%		
62) 4-Bromofluorobenzene	12.853	95	223653	46.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.560%		
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1587	0.301	ug/l #	64
13) Acrolein	4.295	56	304	0.425	ug/l	96
16) Acetone	4.454	43	2995	1.581	ug/l	100
18) Methyl Acetate	5.036	43	1910	0.206	ug/l #	53
20) Methylene Chloride	5.277	84	520	Below Cal	#	77
31) Cyclohexane	8.224	56	7556	1.115	ug/l #	49
36) 1,1-Dichloropropene	8.230	75	26536	4.294	ug/l #	49
38) Carbon Tetrachloride	8.230	117	31157	5.036	ug/l #	16
43) Isopropyl Acetate	8.736	43	19509	1.811	ug/l #	51
44) Trichloroethene	9.359	130	1352	0.313	ug/l	66
60) Dibromochloromethane	11.100	129	1965	0.451	ug/l #	11
64) Tetrachloroethene	11.106	164	1998	0.535	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.853	83	253	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	125901	26.213	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	125901	76.057	ug/l #	15
95) Naphthalene	15.647	128	2607	0.469	ug/l #	76

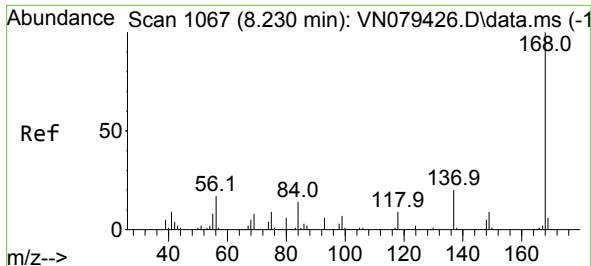
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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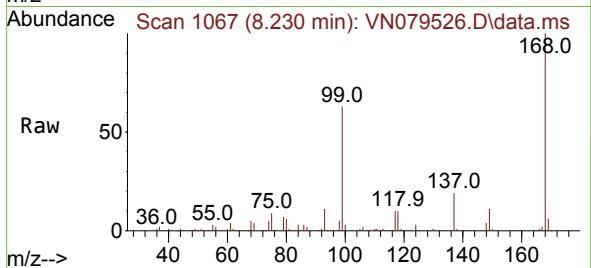
Quant Time: Oct 12 06:13:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



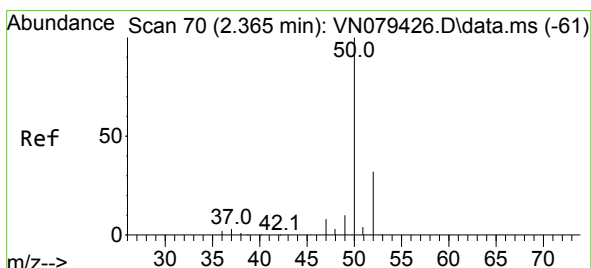
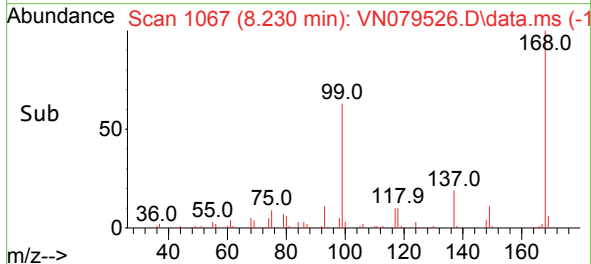
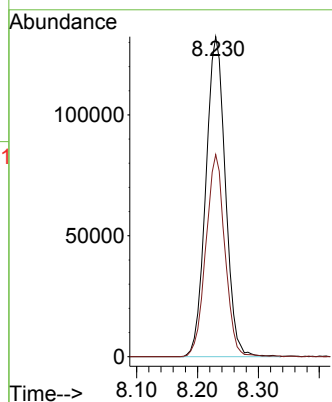


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :

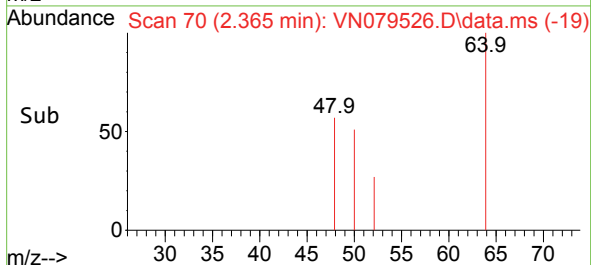
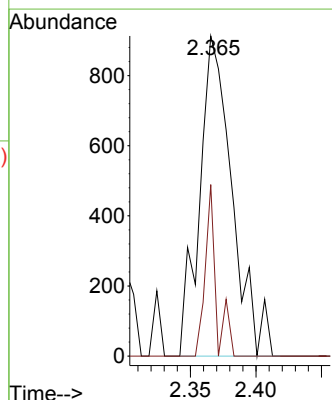
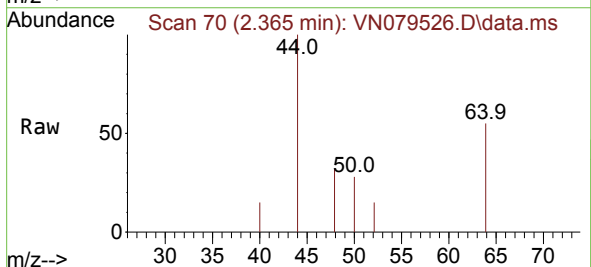


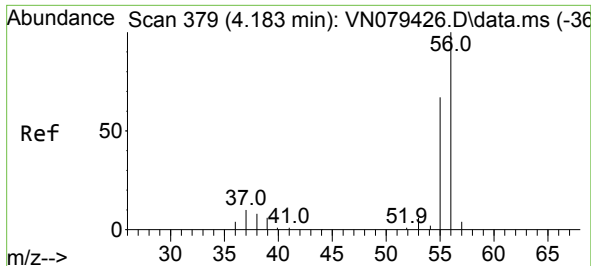
Tgt Ion:168 Resp: 294545
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#3
Chloromethane
Concen: 0.301 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Tgt Ion: 50 Resp: 1587
Ion Ratio Lower Upper
50 100
52 53.6 26.5 39.7#





#13

Acrolein

Concen: 0.425 ug/l

RT: 4.295 min Scan# 398

Delta R.T. 0.112 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

Instrument :

MSVOA_N

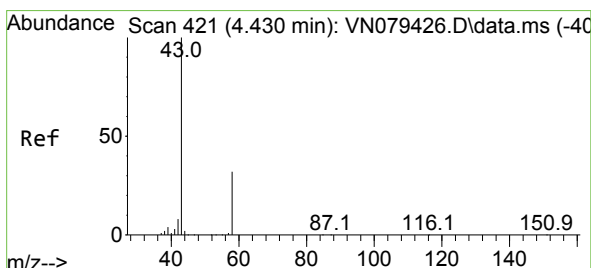
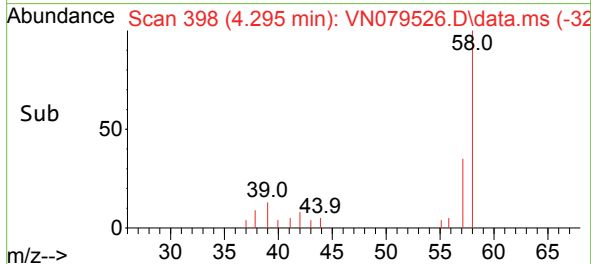
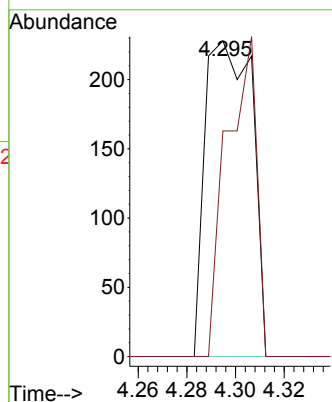
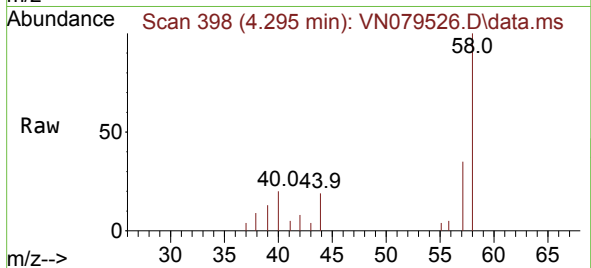
ClientSampleId :

Tgt Ion: 56 Resp: 304

Ion Ratio Lower Upper

56 100

55 64.8 54.5 81.7



#16

Acetone

Concen: 1.581 ug/l

RT: 4.454 min Scan# 425

Delta R.T. 0.024 min

Lab File: VN079526.D

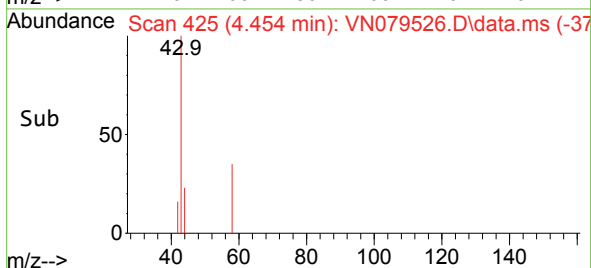
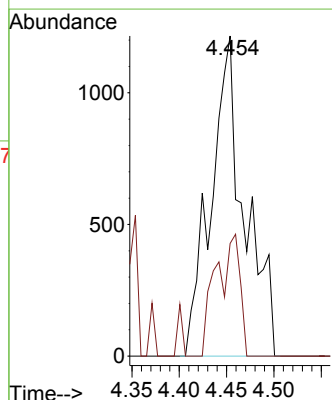
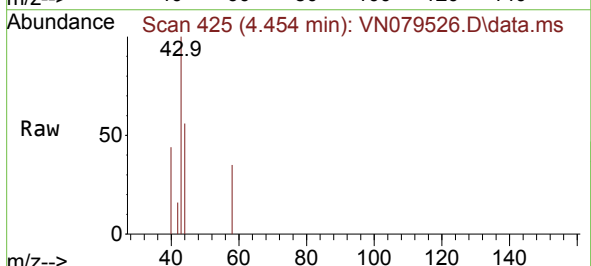
Acq: 11 Oct 2023 18:48

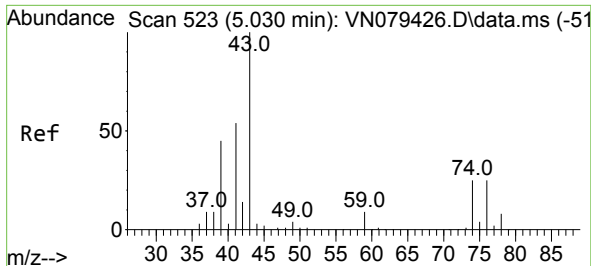
Tgt Ion: 43 Resp: 2995

Ion Ratio Lower Upper

43 100

58 35.2 28.0 42.0

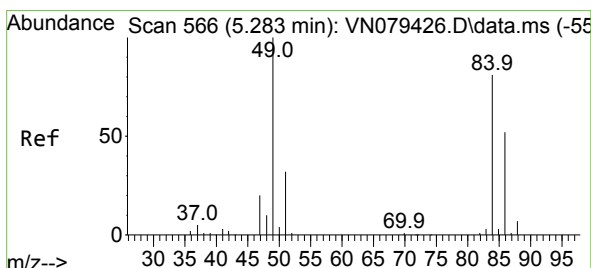
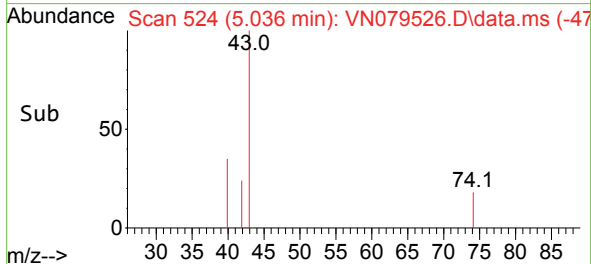
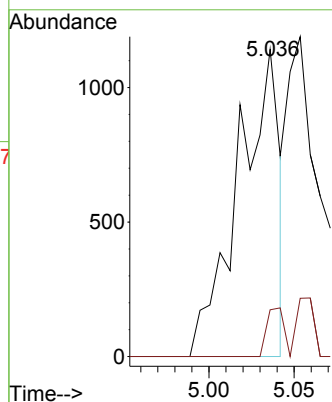
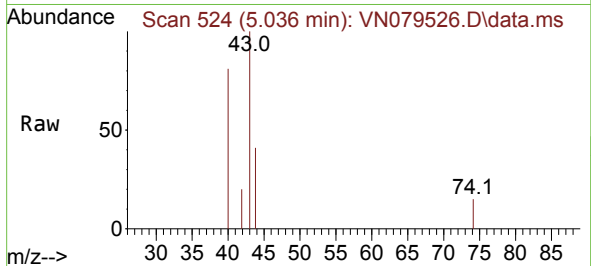




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

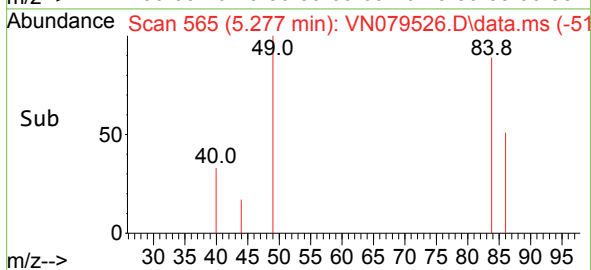
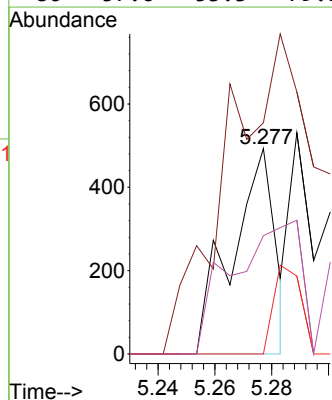
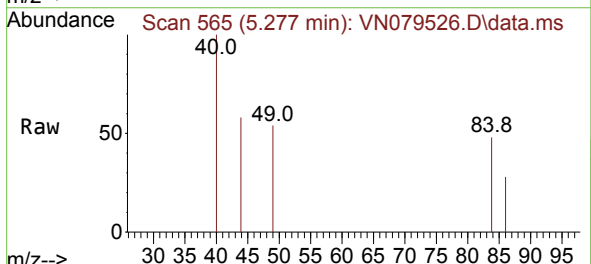
Instrument :
MSVOA_N
ClientSampleId :

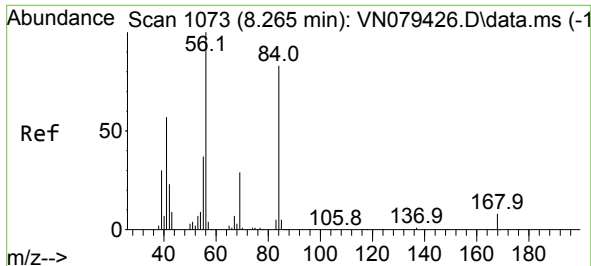
Tgt Ion: 43 Resp: 1910
Ion Ratio Lower Upper
43 100
74 6.5 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

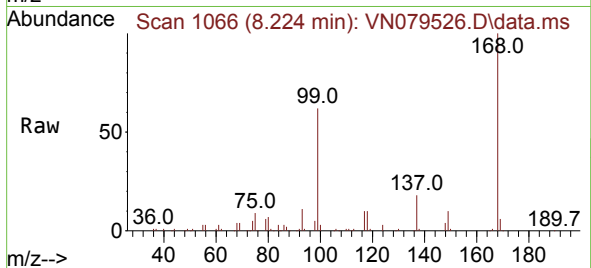
Tgt Ion: 84 Resp: 520
Ion Ratio Lower Upper
84 100
49 79.1 79.7 119.5#
51 0.0 25.2 37.8#
86 57.6 53.3 79.9



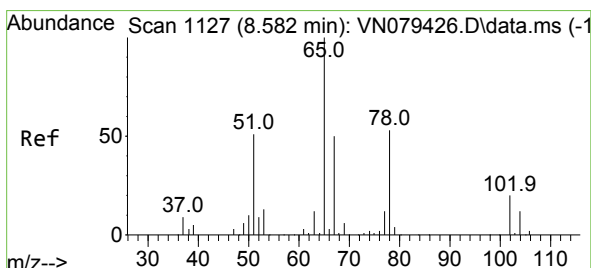
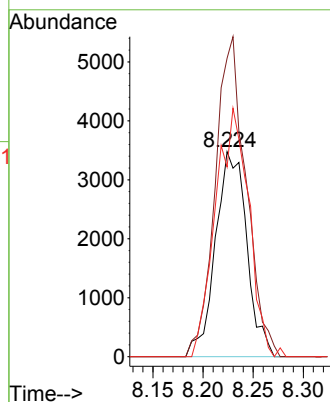
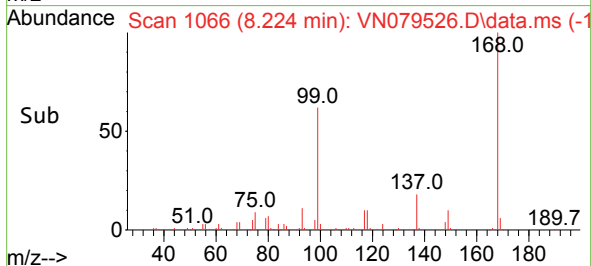


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :

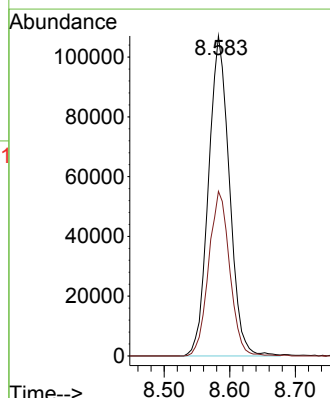
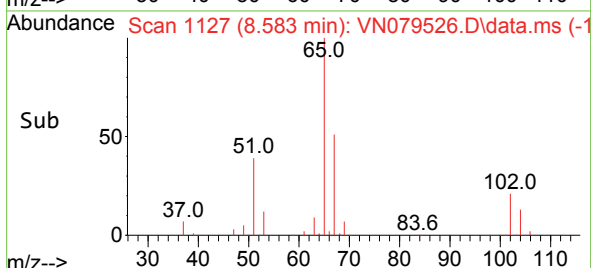
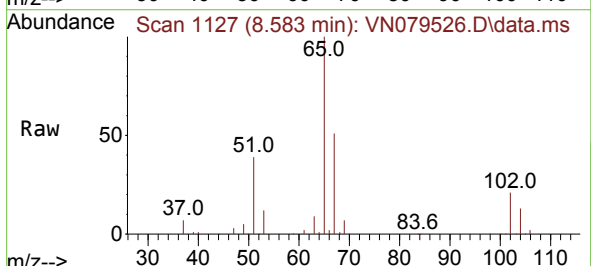


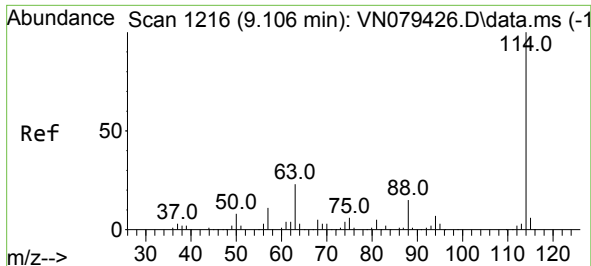
Tgt Ion: 56 Resp: 7556
Ion Ratio Lower Upper
56 100
69 145.6 26.8 40.2#
84 98.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 49.609 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Tgt Ion: 65 Resp: 236925
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

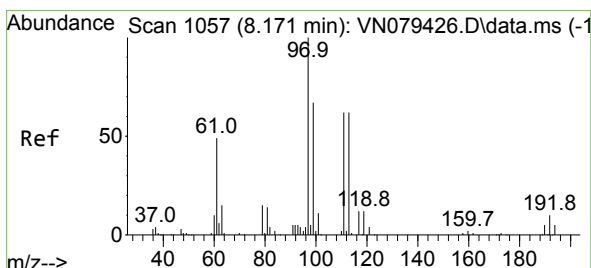
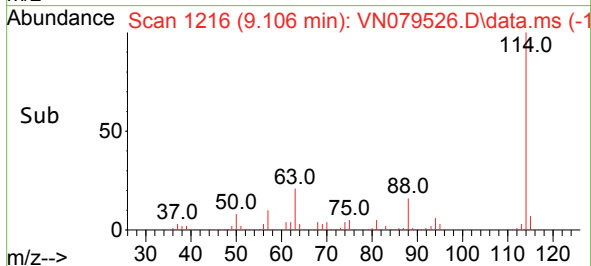
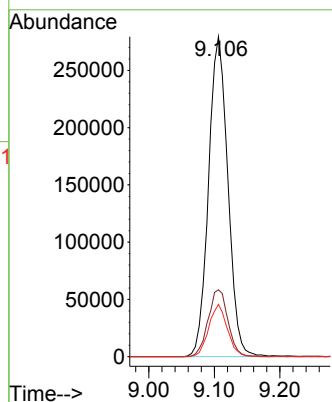
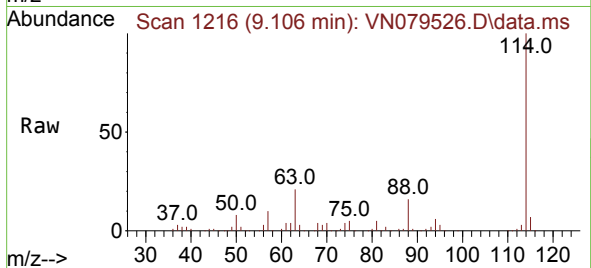
Tgt Ion:114 Resp: 572958

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.335 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

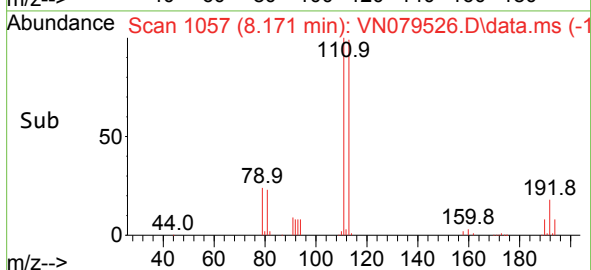
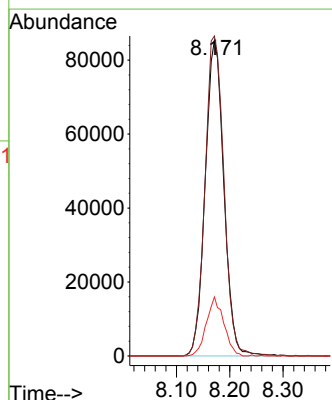
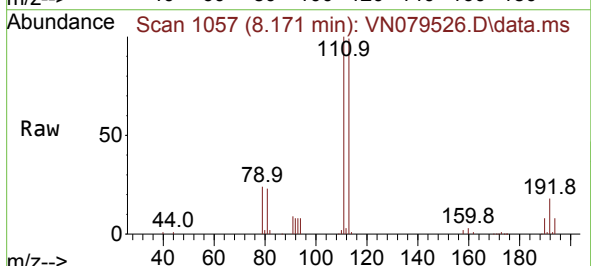
Tgt Ion:113 Resp: 207255

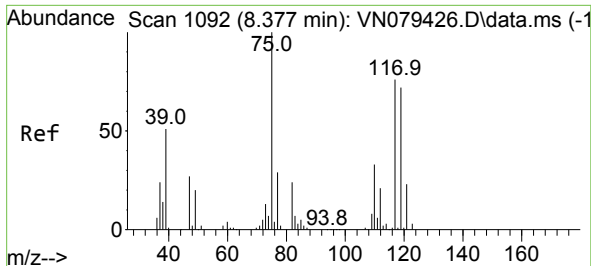
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.294 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

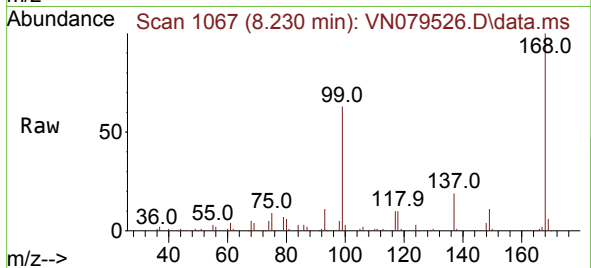
Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

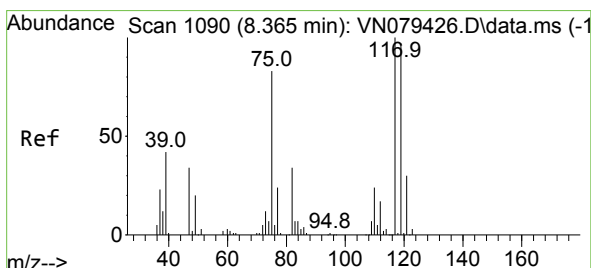
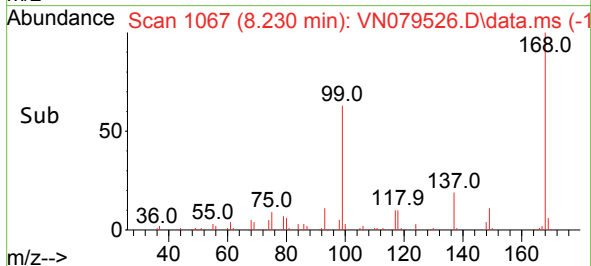
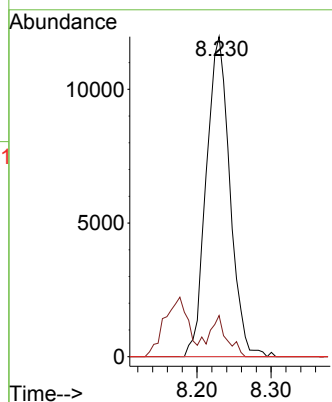
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 26536
Ion Ratio	Lower Upper
75	100
110	9.9 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.036 ug/l

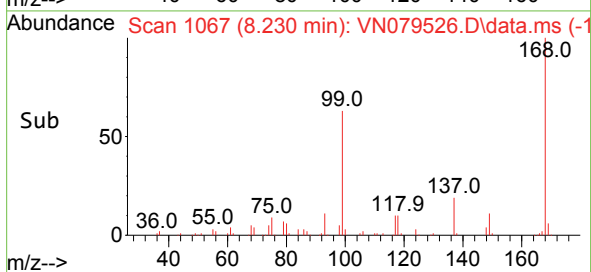
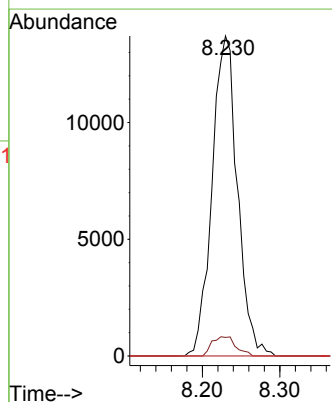
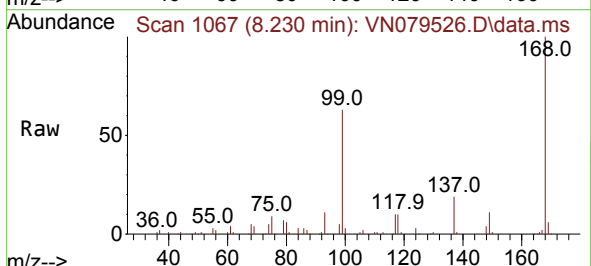
RT: 8.230 min Scan# 1067

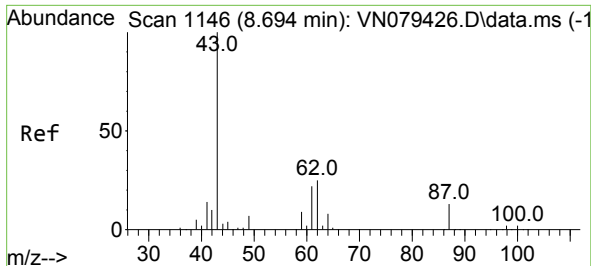
Delta R.T. -0.135 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

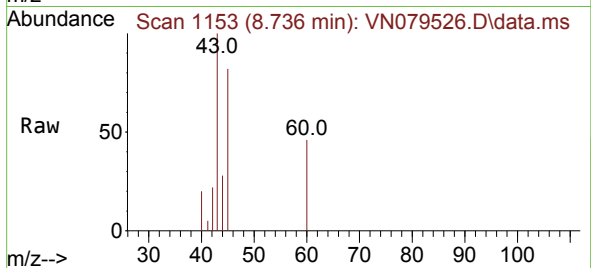
Tgt Ion: 117	Resp: 31157
Ion Ratio	Lower Upper
117	100
119	5.8 77.3 115.9#
121	0.0 23.3 34.9#



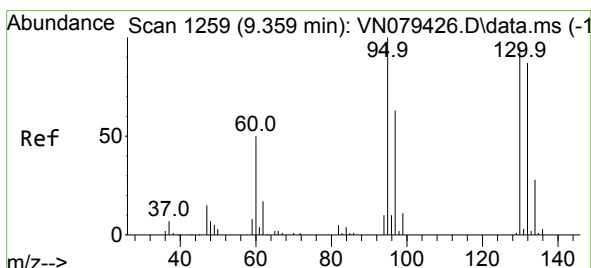
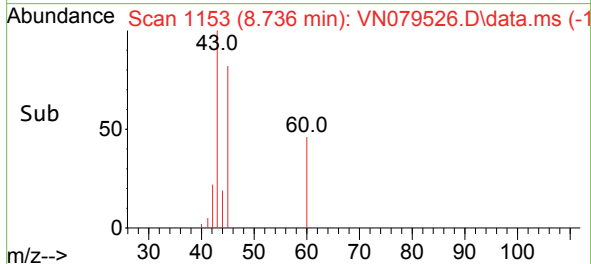
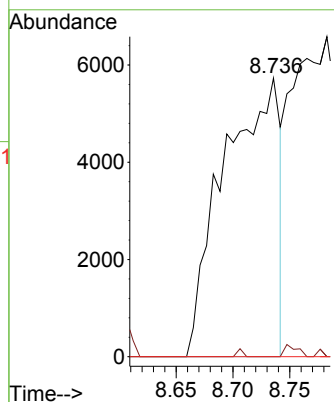


#43
Isopropyl Acetate
Concen: 1.811 ug/l
RT: 8.736 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :

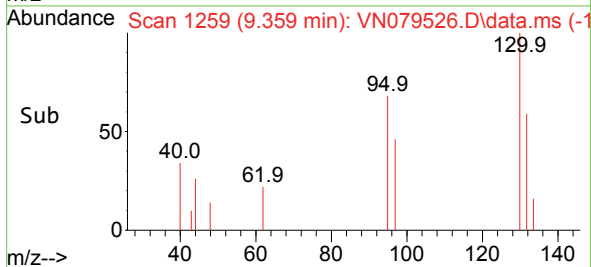
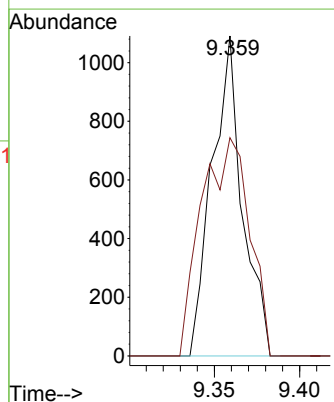
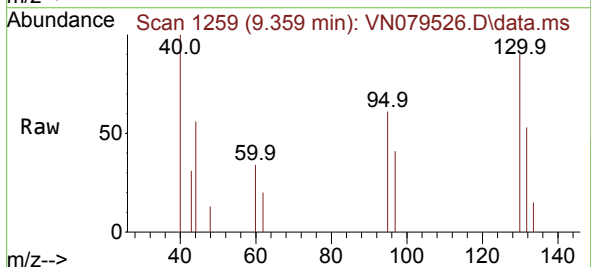


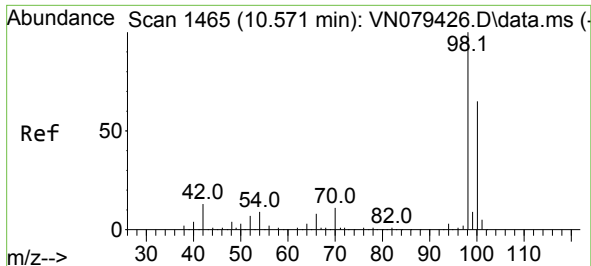
Tgt Ion: 43 Resp: 19509
Ion Ratio Lower Upper
43 100
61 1.0 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.313 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Tgt Ion:130 Resp: 1352
Ion Ratio Lower Upper
130 100
95 68.2 0.0 204.6

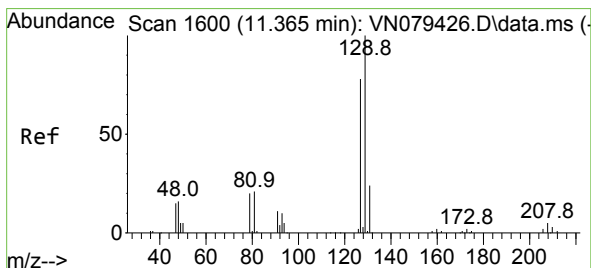
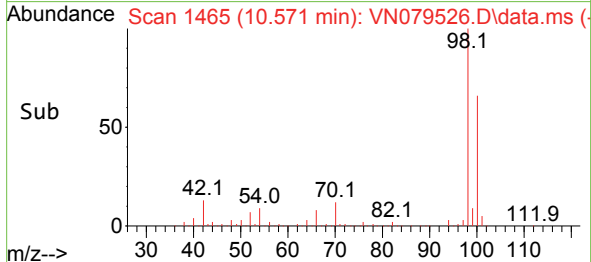
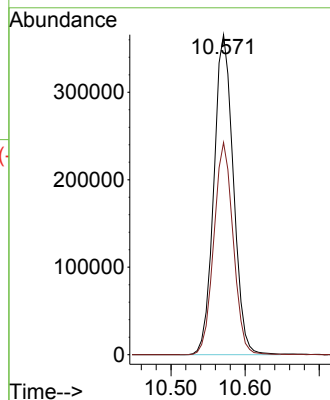
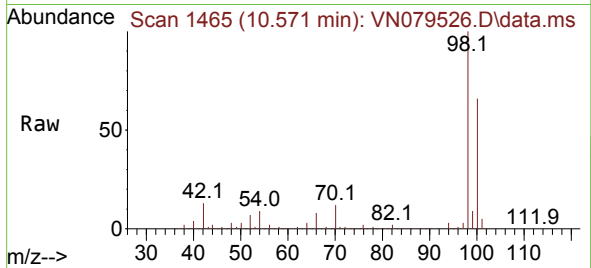




#50
Toluene-d8
Concen: 44.808 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

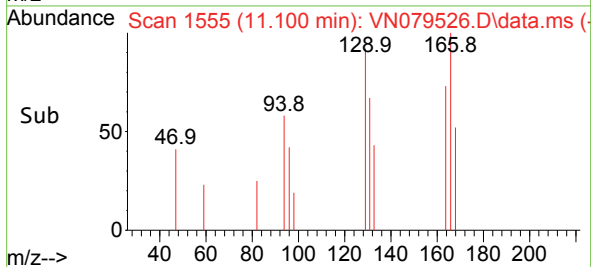
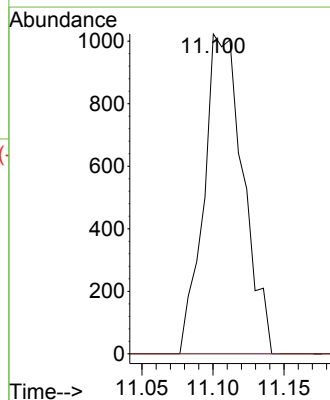
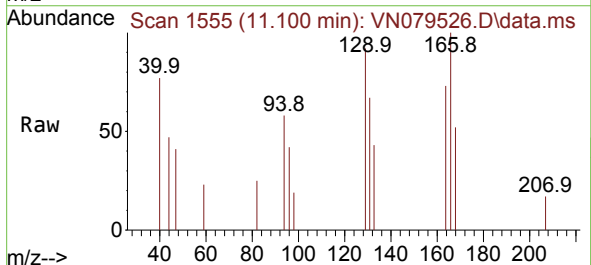
Instrument :
MSVOA_N
ClientSampleId :

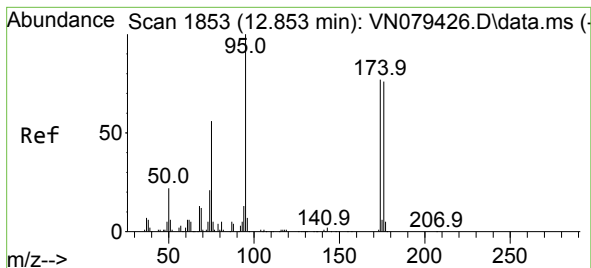
Tgt Ion: 98 Resp: 667556
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#60
Dibromochloromethane
Concen: 0.451 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.264 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Tgt Ion:129 Resp: 1965
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

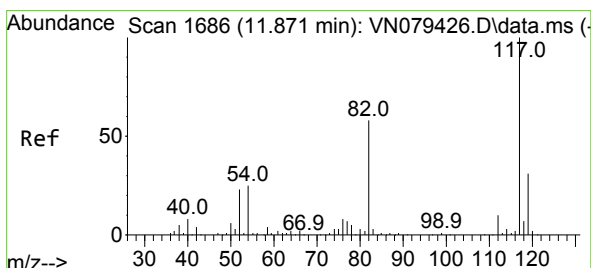
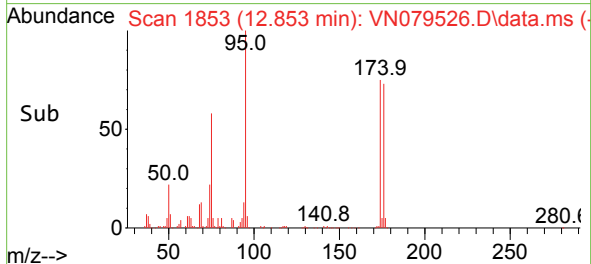
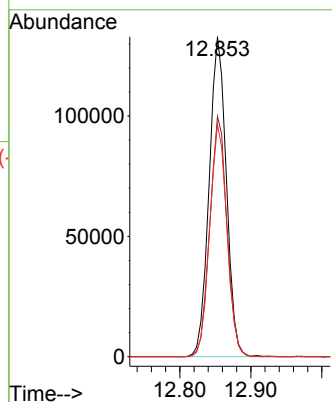
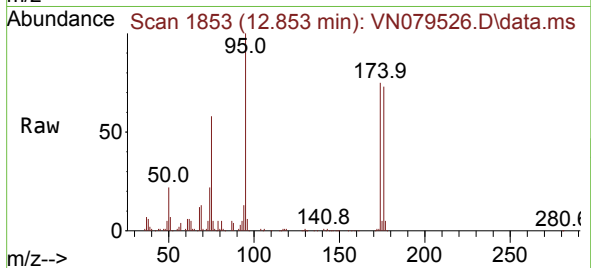




#62
4-Bromofluorobenzene
Concen: 46.778 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

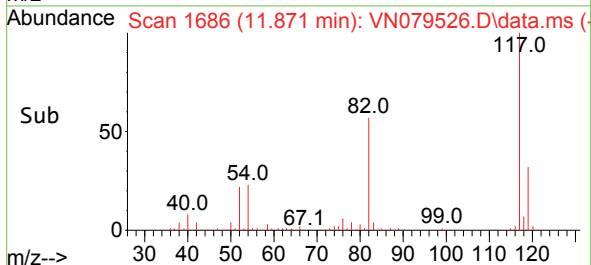
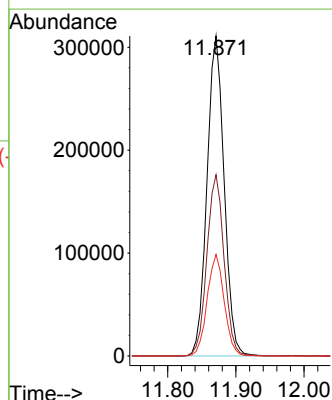
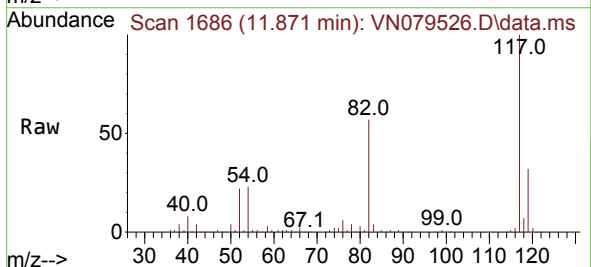
Instrument :
MSVOA_N
ClientSampleId :

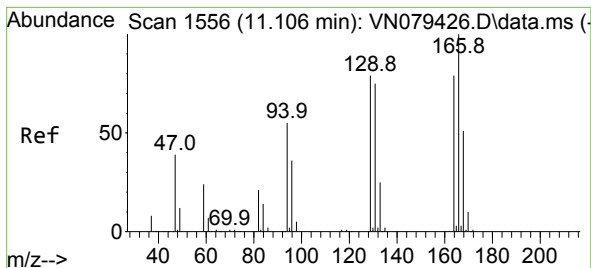
Tgt Ion: 95 Resp: 223653
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Tgt Ion: 117 Resp: 543384
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.7 25.6 38.4





#64

Tetrachloroethene

Concen: 0.535 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.000 min

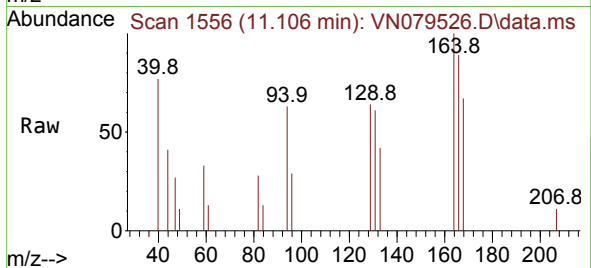
Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 1998

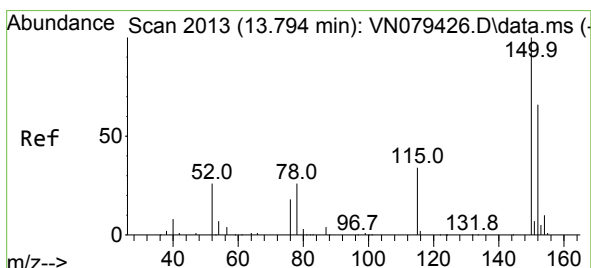
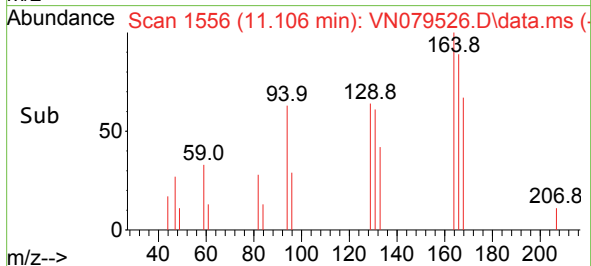
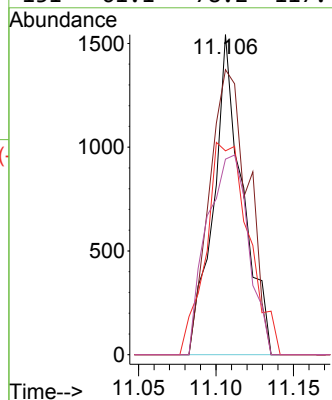
Ion Ratio Lower Upper

164 100

166 89.0 101.4 152.0#

129 63.7 82.4 123.6#

131 61.1 78.2 117.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

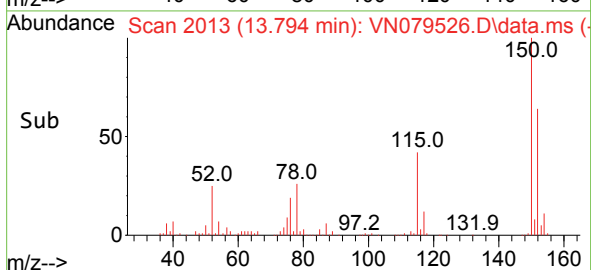
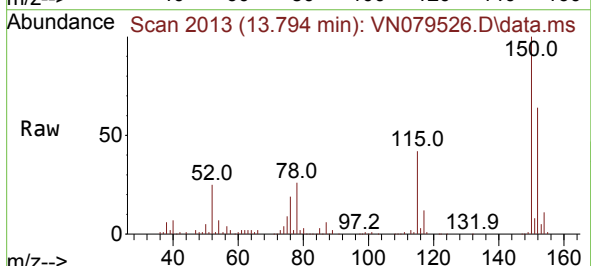
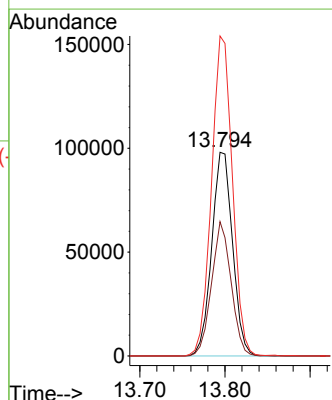
Tgt Ion:152 Resp: 166584

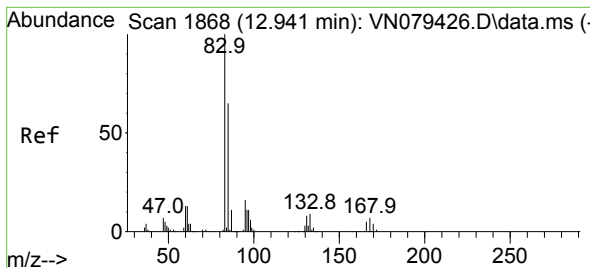
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 157.4 0.0 355.8

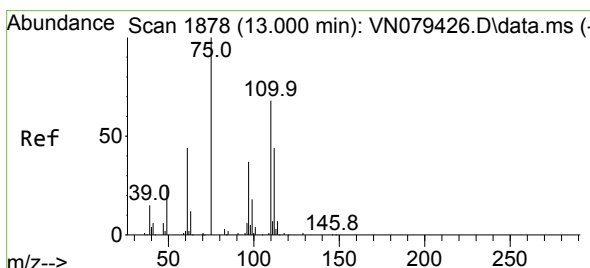
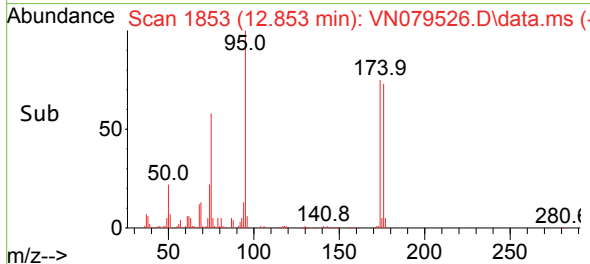
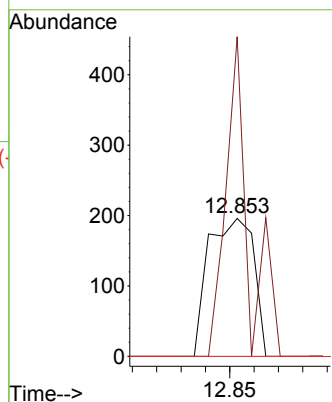
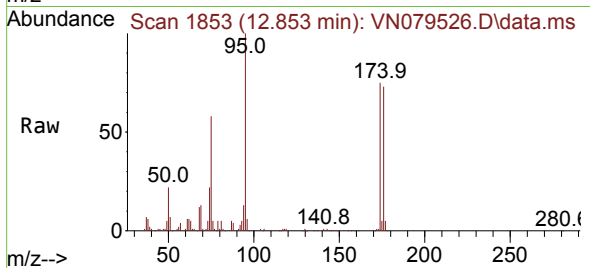




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.088 min
 Lab File: VN079526.D
 Acq: 11 Oct 2023 18:48

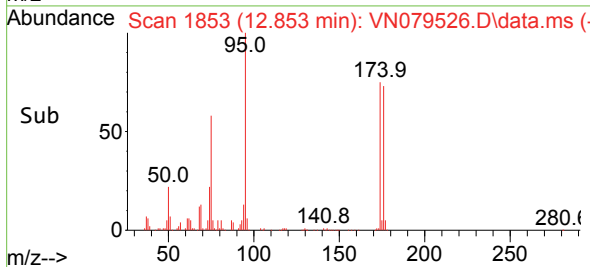
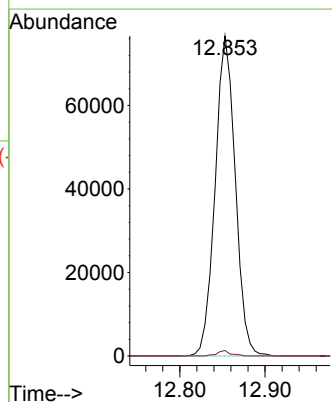
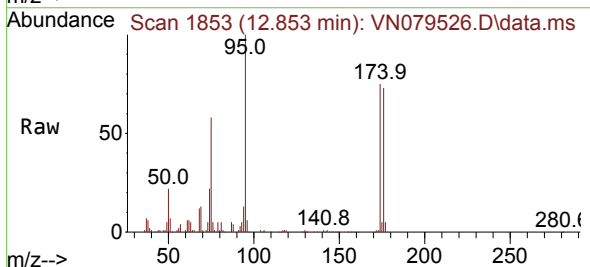
Instrument :
 MSVOA_N
 ClientSampleId :

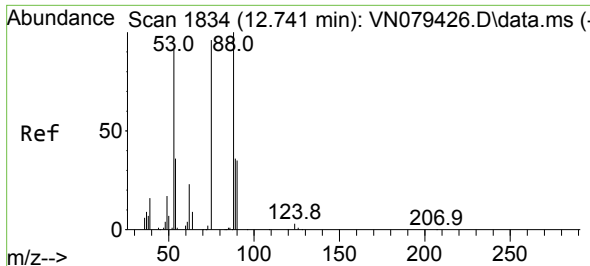
Tgt Ion: 83 Resp: 253
 Ion Ratio Lower Upper
 83 100
 131 115.8 5.0 15.0#
 85 0.0 31.9 95.7#



#76
 1,2,3-Trichloropropane
 Concen: 26.213 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079526.D
 Acq: 11 Oct 2023 18:48

Tgt Ion: 75 Resp: 125901
 Ion Ratio Lower Upper
 75 100
 77 1.1 84.5 253.5#

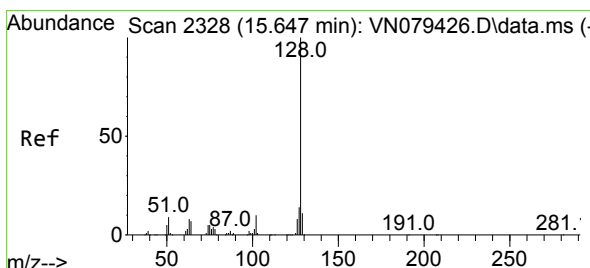
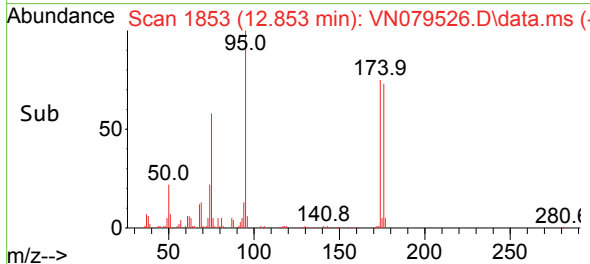
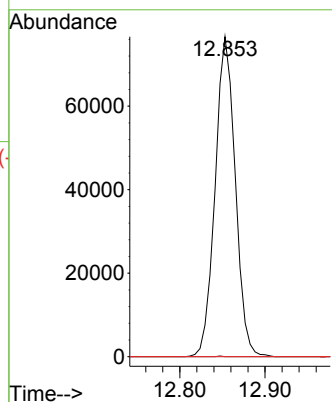
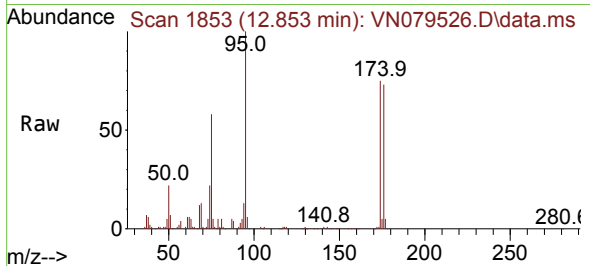




#81
trans-1,4-Dichloro-2-butene
Concen: 76.057 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 125901
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.469 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Tgt Ion:128 Resp: 2607
Ion Ratio Lower Upper
128 100
127 4.9 10.0 15.0#
129 0.0 8.7 13.1#

