

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079530.D
 Acq On : 11 Oct 2023 20:24
 Operator : JC\MD
 Sample : 04841-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:15:25 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)

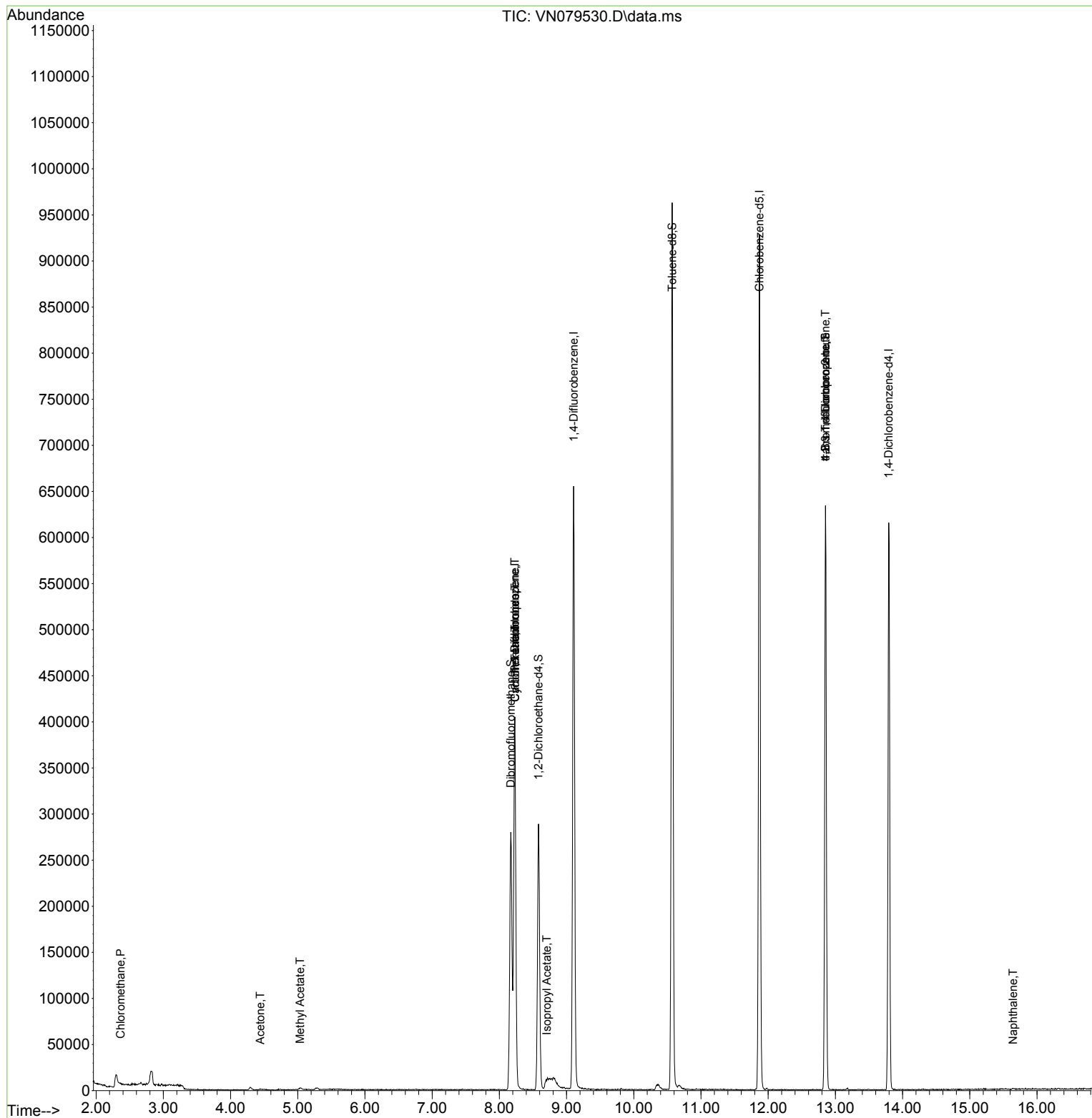
Internal Standards						
1) Pentafluorobenzene	8.230	168	278338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	517590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225927	50.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.171	113	198186	50.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.380%			
50) Toluene-d8	10.571	98	642336	44.957	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.920%			
62) 4-Bromofluorobenzene	12.853	95	215866	47.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.160%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1221	0.245	ug/l #	88
16) Acetone	4.442	43	998	0.558	ug/l #	77
18) Methyl Acetate	5.036	43	4539	0.518	ug/l #	63
20) Methylene Chloride	5.283	84	896	Below Cal	#	71
31) Cyclohexane	8.235	56	7724	1.207	ug/l #	40
36) 1,1-Dichloropropene	8.230	75	24172	4.079	ug/l #	47
38) Carbon Tetrachloride	8.235	117	31296	5.275	ug/l #	16
43) Isopropyl Acetate	8.706	43	10001	0.968	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.853	83	72	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	120017	25.366	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	120017	73.600	ug/l #	15
95) Naphthalene	15.647	128	1210	0.221	ug/l #	70

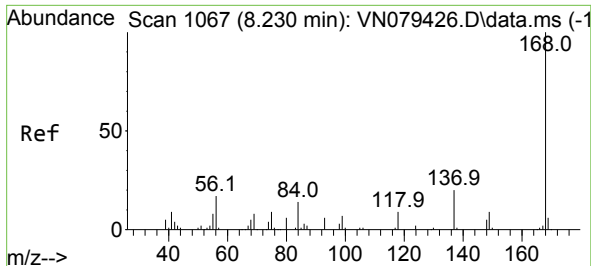
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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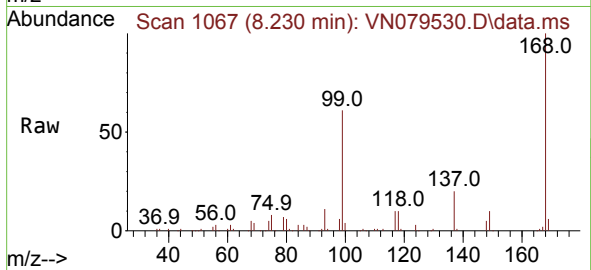
Quant Time: Oct 12 06:15:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
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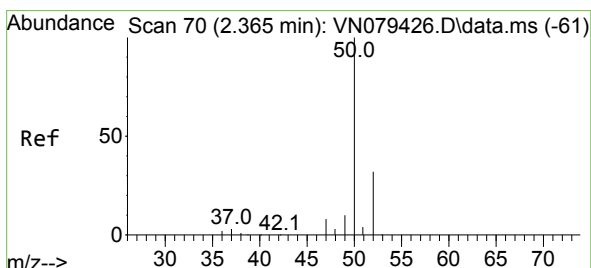
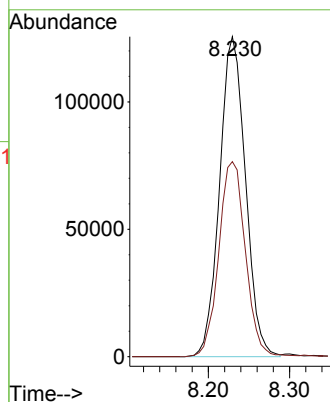
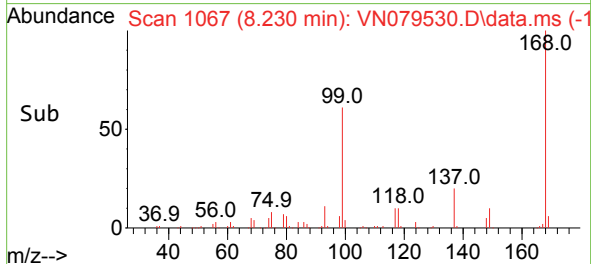


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

Instrument :
MSVOA_N
ClientSampleId :

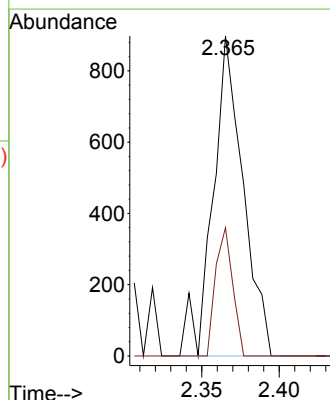
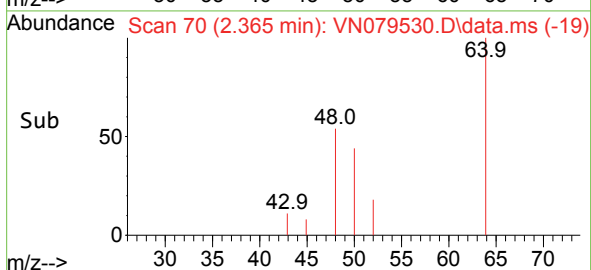
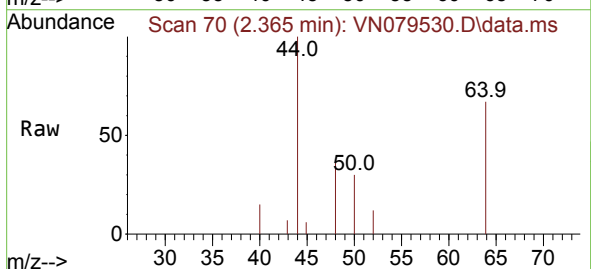


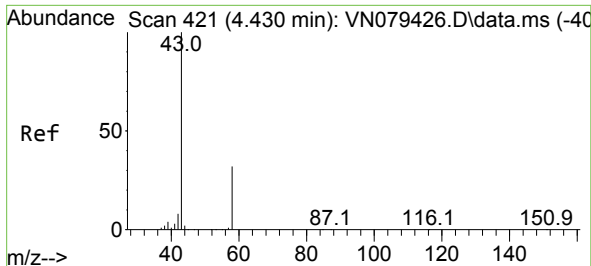
Tgt Ion:168 Resp: 278338
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#3
Chloromethane
Concen: 0.245 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

Tgt Ion: 50 Resp: 1221
Ion Ratio Lower Upper
50 100
52 40.1 26.5 39.7#

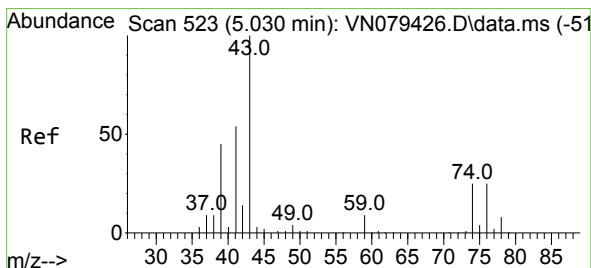
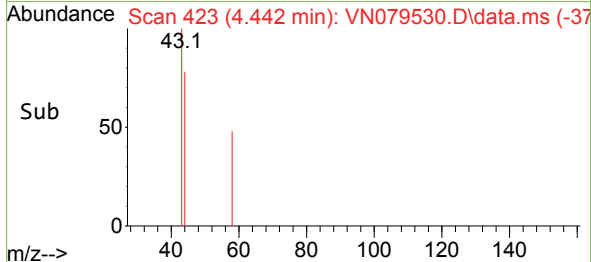
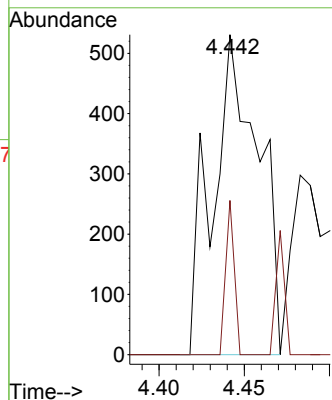
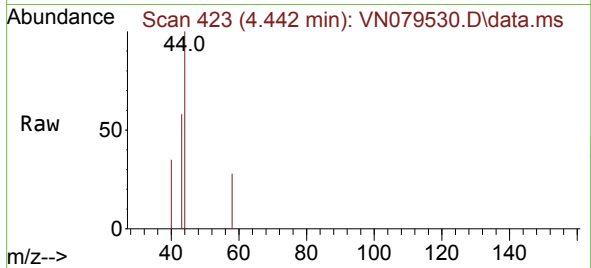




#16
Acetone
Concen: 0.558 ug/l
RT: 4.442 min Scan# 431
Delta R.T. 0.012 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

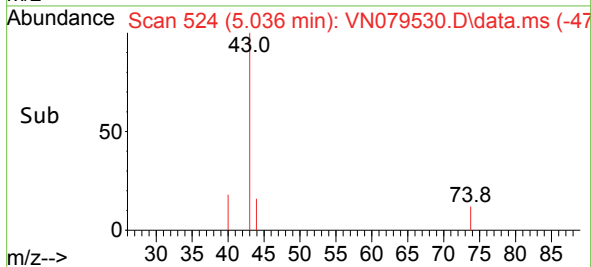
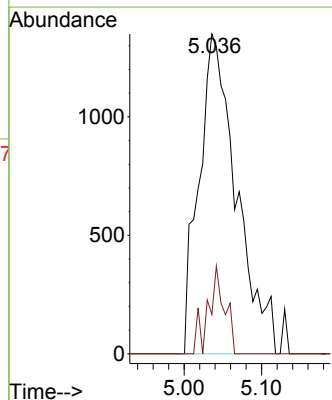
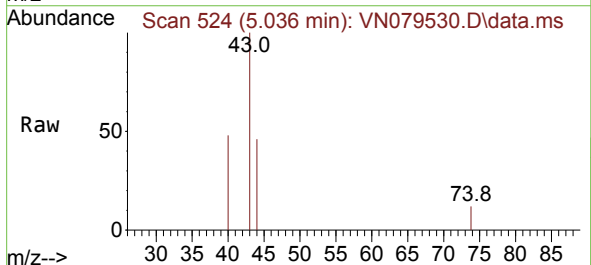
Instrument :
MSVOA_N
ClientSampleId :

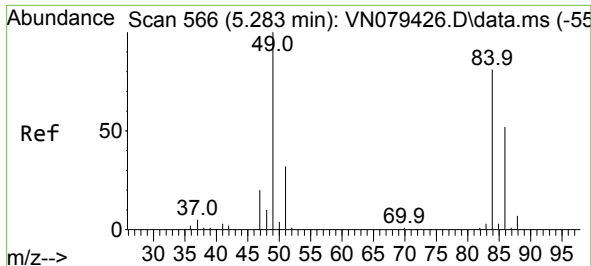
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
58 48.2 28.0 42.0#



#18
Methyl Acetate
Concen: 0.518 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

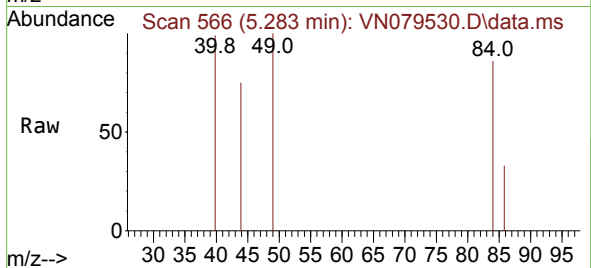
Tgt Ion: 43 Resp: 4539
Ion Ratio Lower Upper
43 100
74 12.1 26.2 39.4#



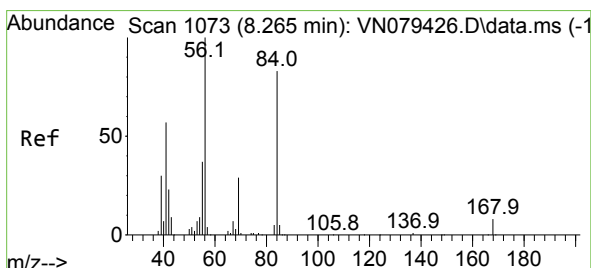
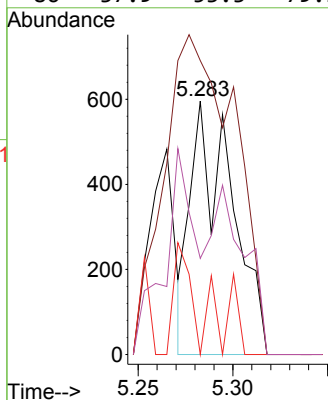
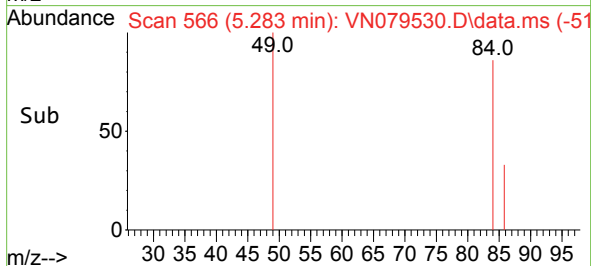


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

Instrument :
MSVOA_N
ClientSampleId :

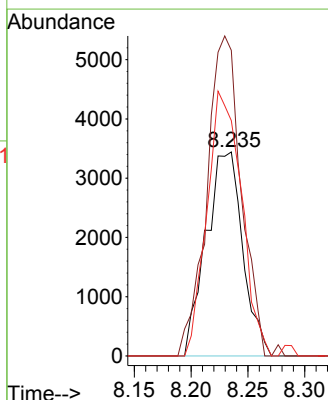
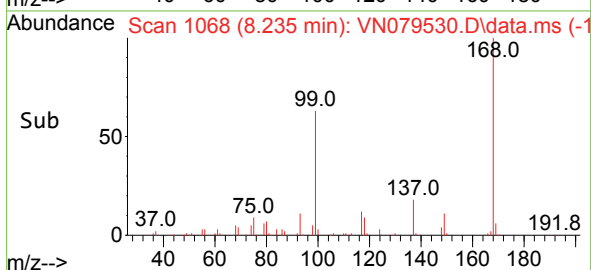
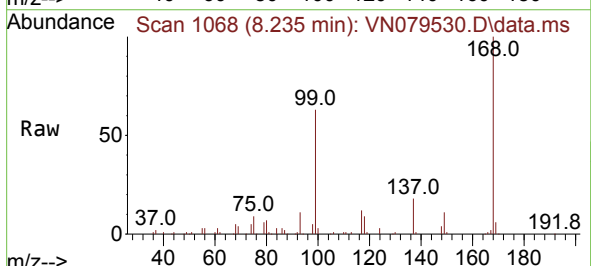


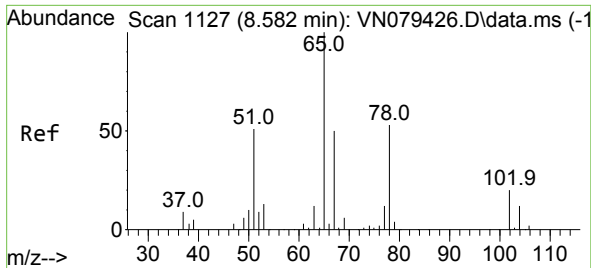
Tgt Ion:	84	Resp:	896
Ion	Ratio	Lower	Upper
84	100		
49	115.9	79.7	119.5
51	0.0	25.2	37.8#
86	37.9	53.3	79.9#



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

Tgt Ion:	56	Resp:	7724
Ion	Ratio	Lower	Upper
56	100		
69	149.8	26.8	40.2#
84	115.4	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 50.061 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079530.D

Acq: 11 Oct 2023 20:24

Instrument :

MSVOA_N

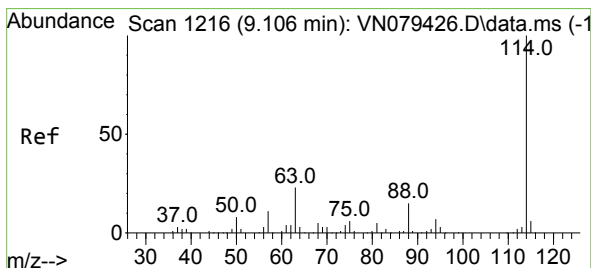
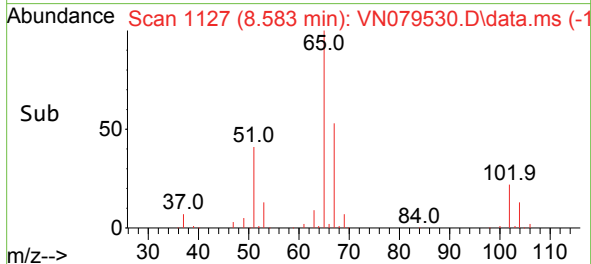
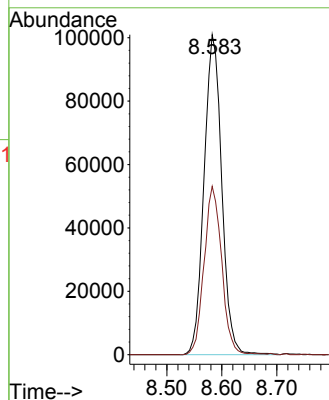
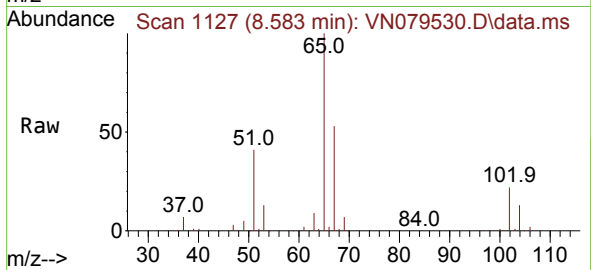
ClientSampleId :

Tgt Ion: 65 Resp: 225927

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079530.D

Acq: 11 Oct 2023 20:24

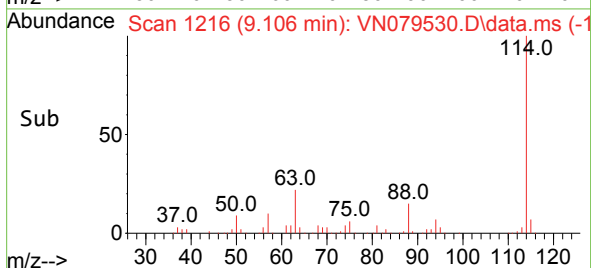
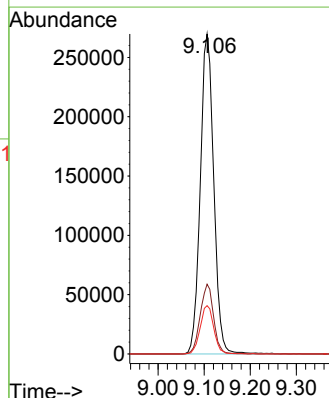
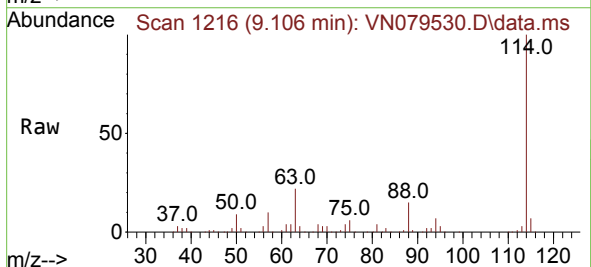
Tgt Ion: 114 Resp: 549486

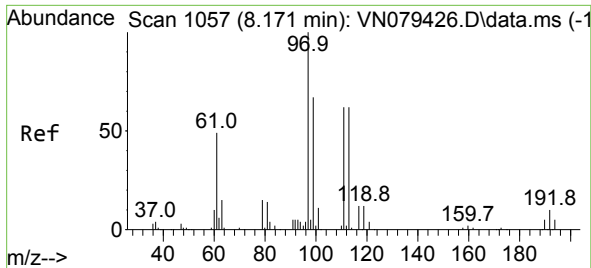
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

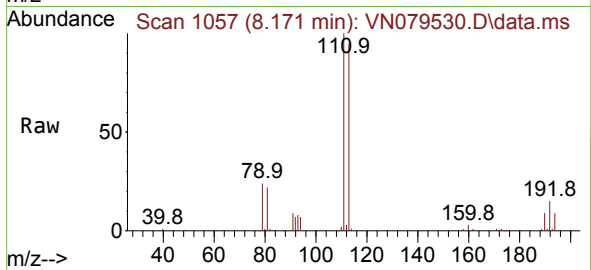
88 15.1 0.0 30.6



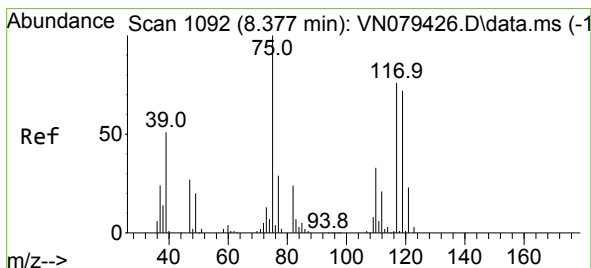
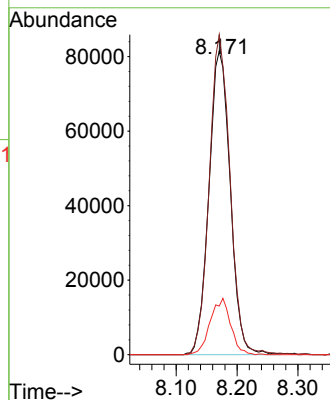
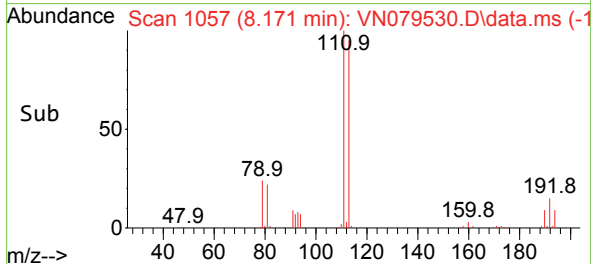


#35
Dibromofluoromethane
Concen: 50.189 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

Instrument :
MSVOA_N
ClientSampleId :

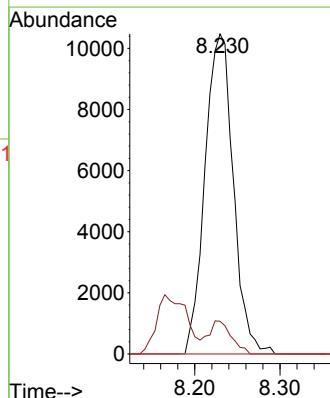
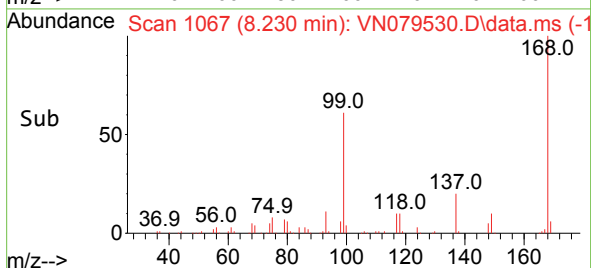
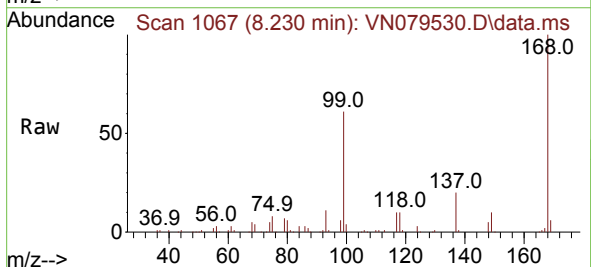


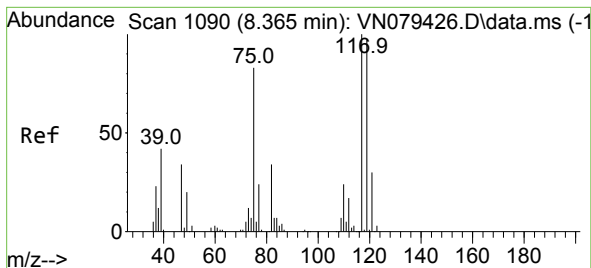
Tgt Ion:113 Resp: 198186
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.079 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

Tgt Ion: 75 Resp: 24172
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.275 ug/l

RT: 8.235 min Scan# 1

Delta R.T. -0.129 min

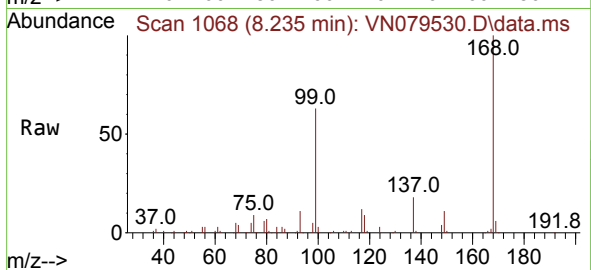
Lab File: VN079530.D

Acq: 11 Oct 2023 20:24

Instrument :

MSVOA_N

ClientSampleId :



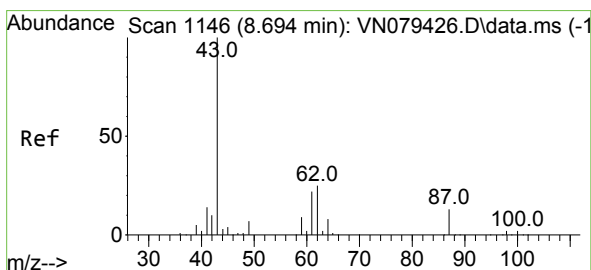
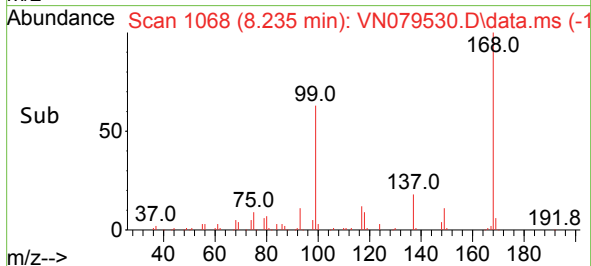
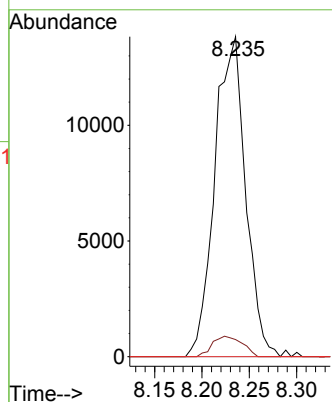
Tgt Ion:117 Resp: 31296

Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 0.968 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN079530.D

Acq: 11 Oct 2023 20:24

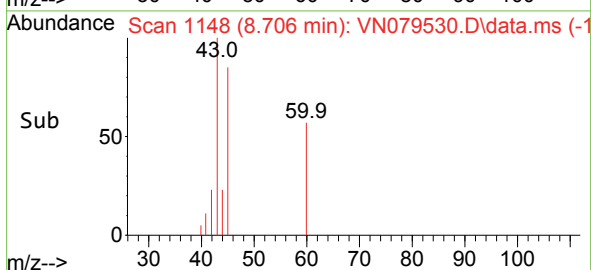
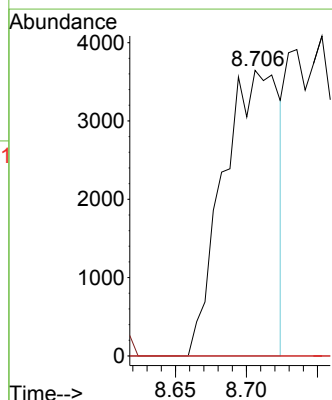
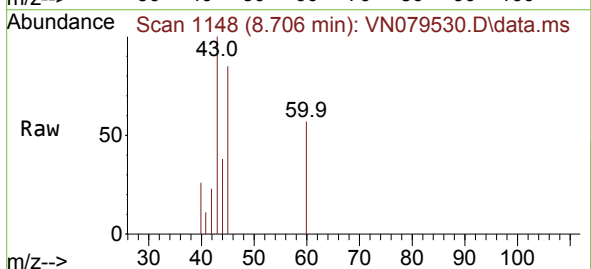
Tgt Ion: 43 Resp: 10001

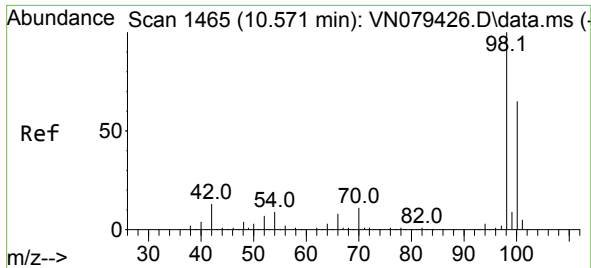
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

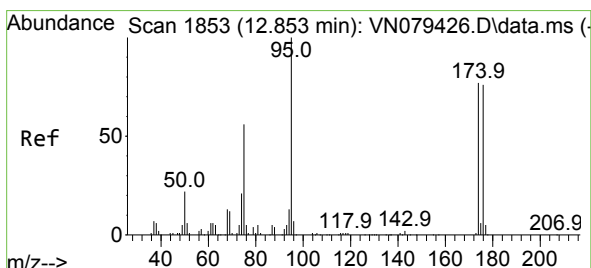
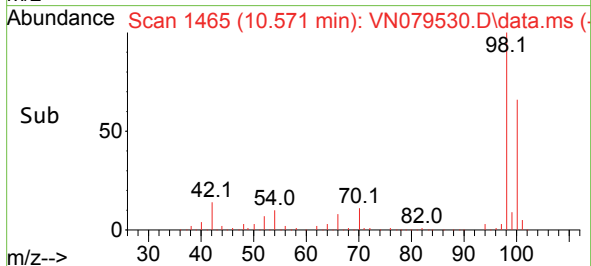
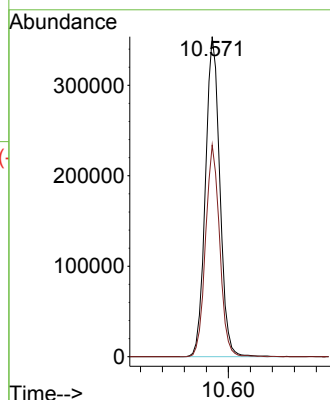
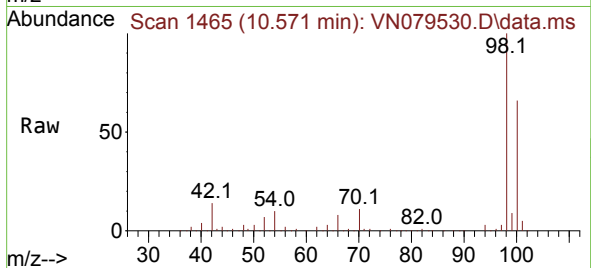




#50
Toluene-d8
Concen: 44.957 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

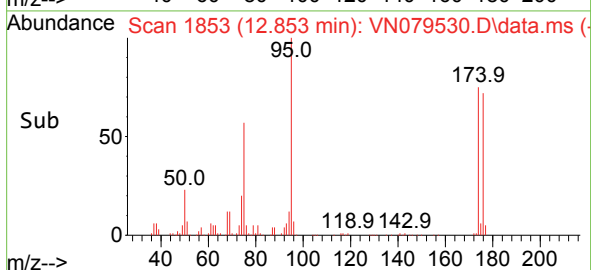
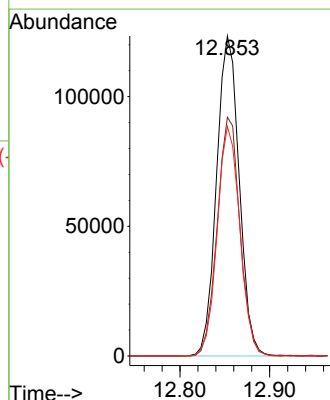
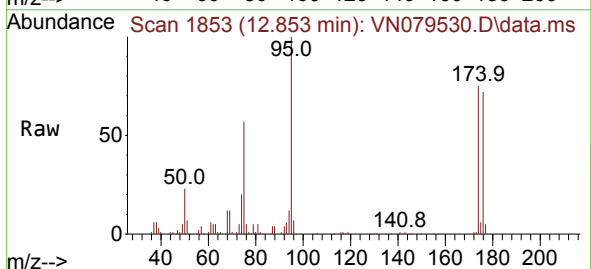
Instrument :
MSVOA_N
ClientSampleId :

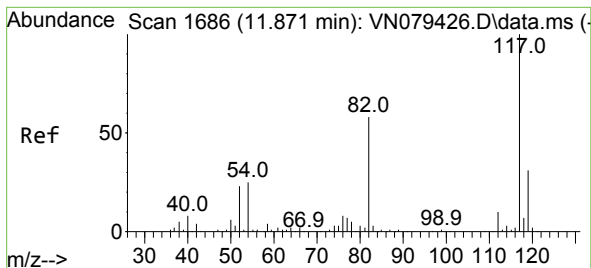
Tgt Ion: 98 Resp: 642336
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.078 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

Tgt Ion: 95 Resp: 215866
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 71.5 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: VN079530.D

Acq: 11 Oct 2023 20:24

Instrument :

MSVOA_N

ClientSampleId :

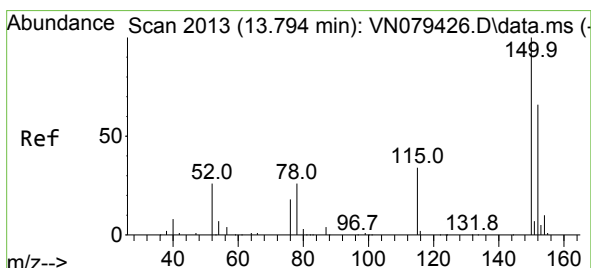
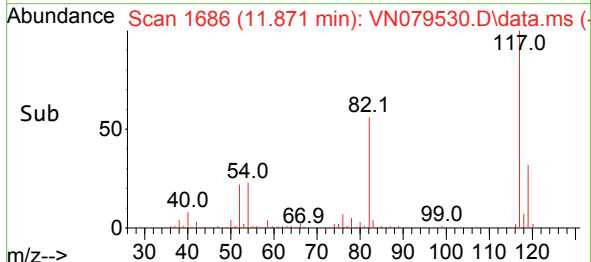
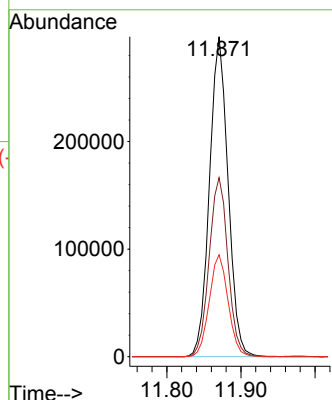
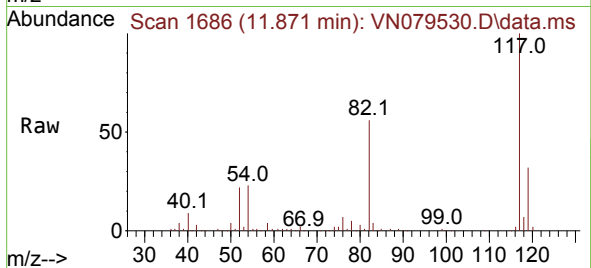
Tgt Ion:117 Resp: 517590

Ion Ratio Lower Upper

117 100

82 56.0 44.0 66.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079530.D

Acq: 11 Oct 2023 20:24

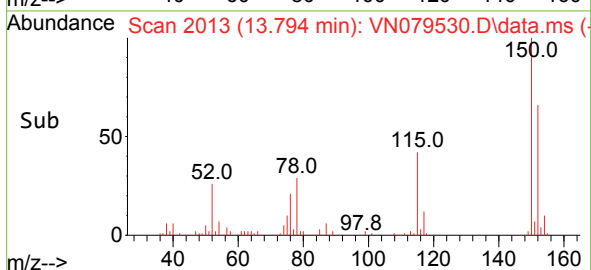
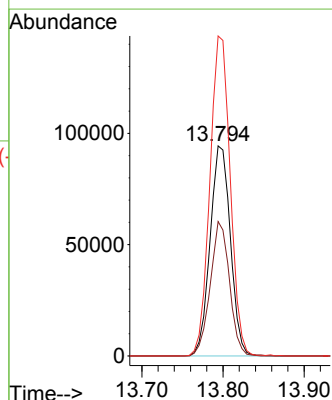
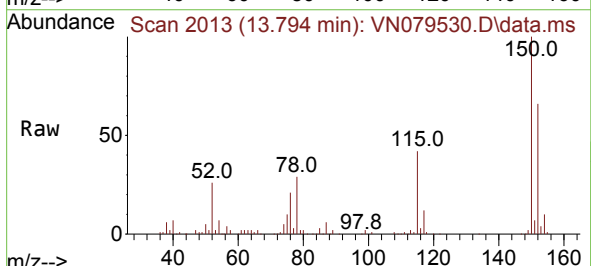
Tgt Ion:152 Resp: 164099

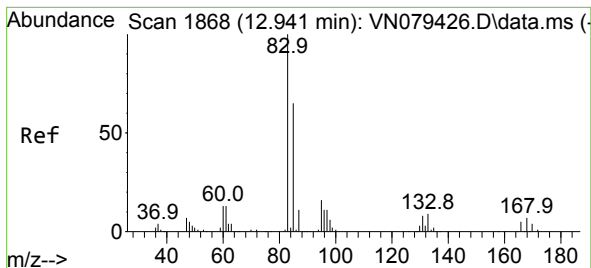
Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

150 152.3 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: VN079530.D

Acq: 11 Oct 2023 20:24

Instrument :

MSVOA_N

ClientSampleId :

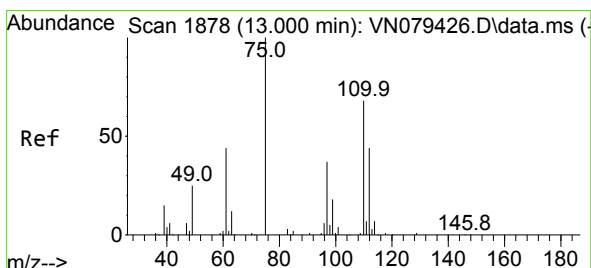
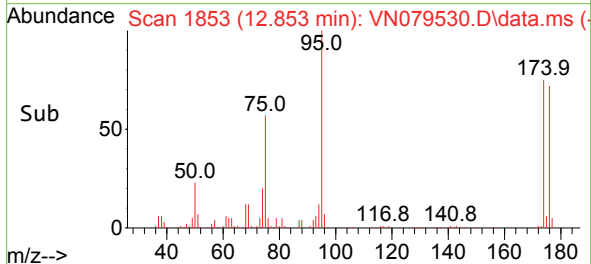
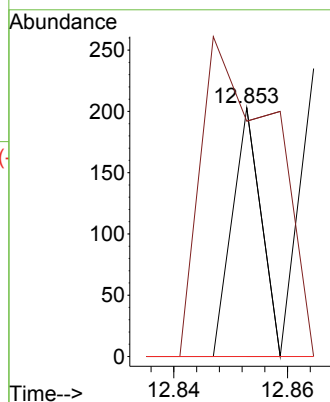
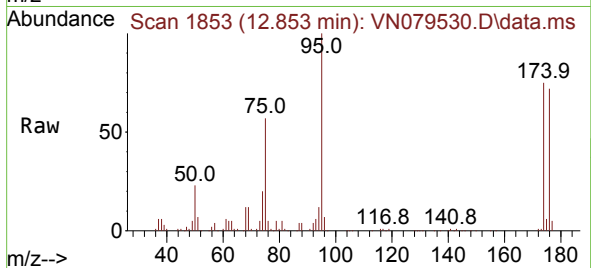
Tgt Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

131 319.4 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 25.366 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079530.D

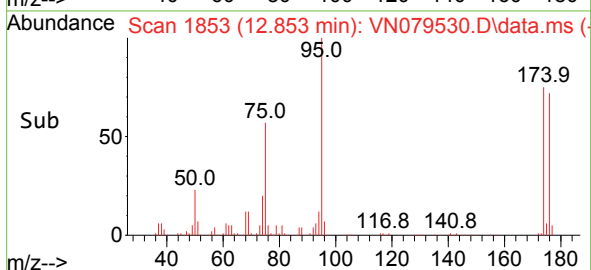
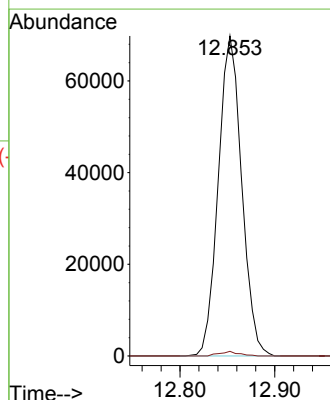
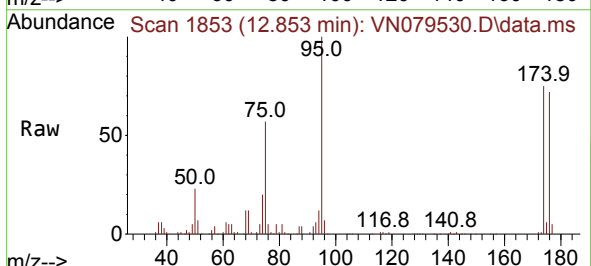
Acq: 11 Oct 2023 20:24

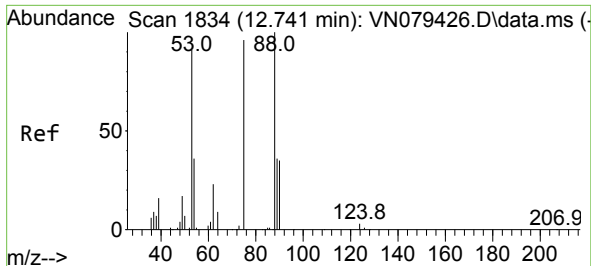
Tgt Ion: 75 Resp: 120017

Ion Ratio Lower Upper

75 100

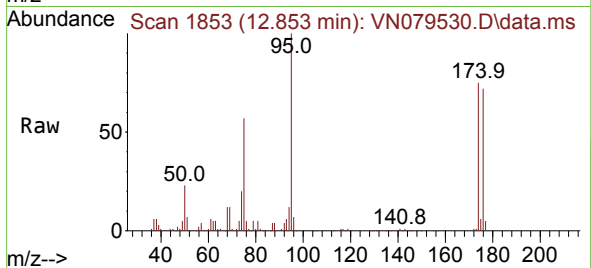
77 1.2 84.5 253.5#



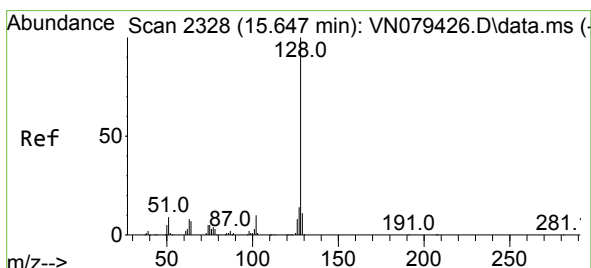
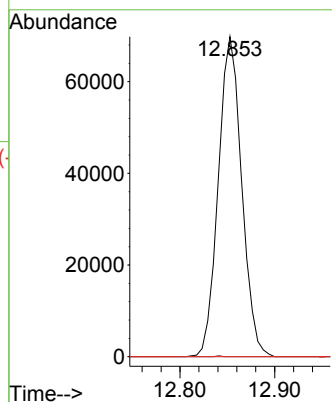
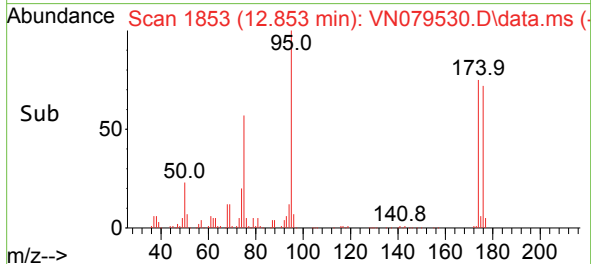


#81
trans-1,4-Dichloro-2-butene
Concen: 73.600 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24

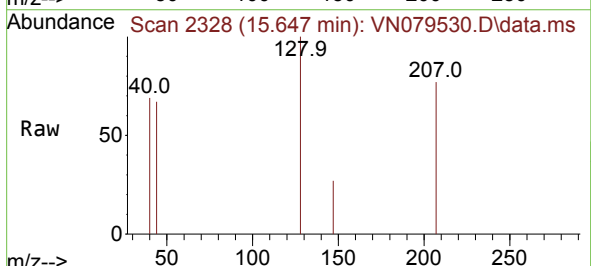
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 120017
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.221 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079530.D
Acq: 11 Oct 2023 20:24



Tgt Ion: 128 Resp: 1210
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

