

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079518.D
 Acq On : 11 Oct 2023 15:36
 Operator : JC\MD
 Sample : 04819-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:10:23 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)

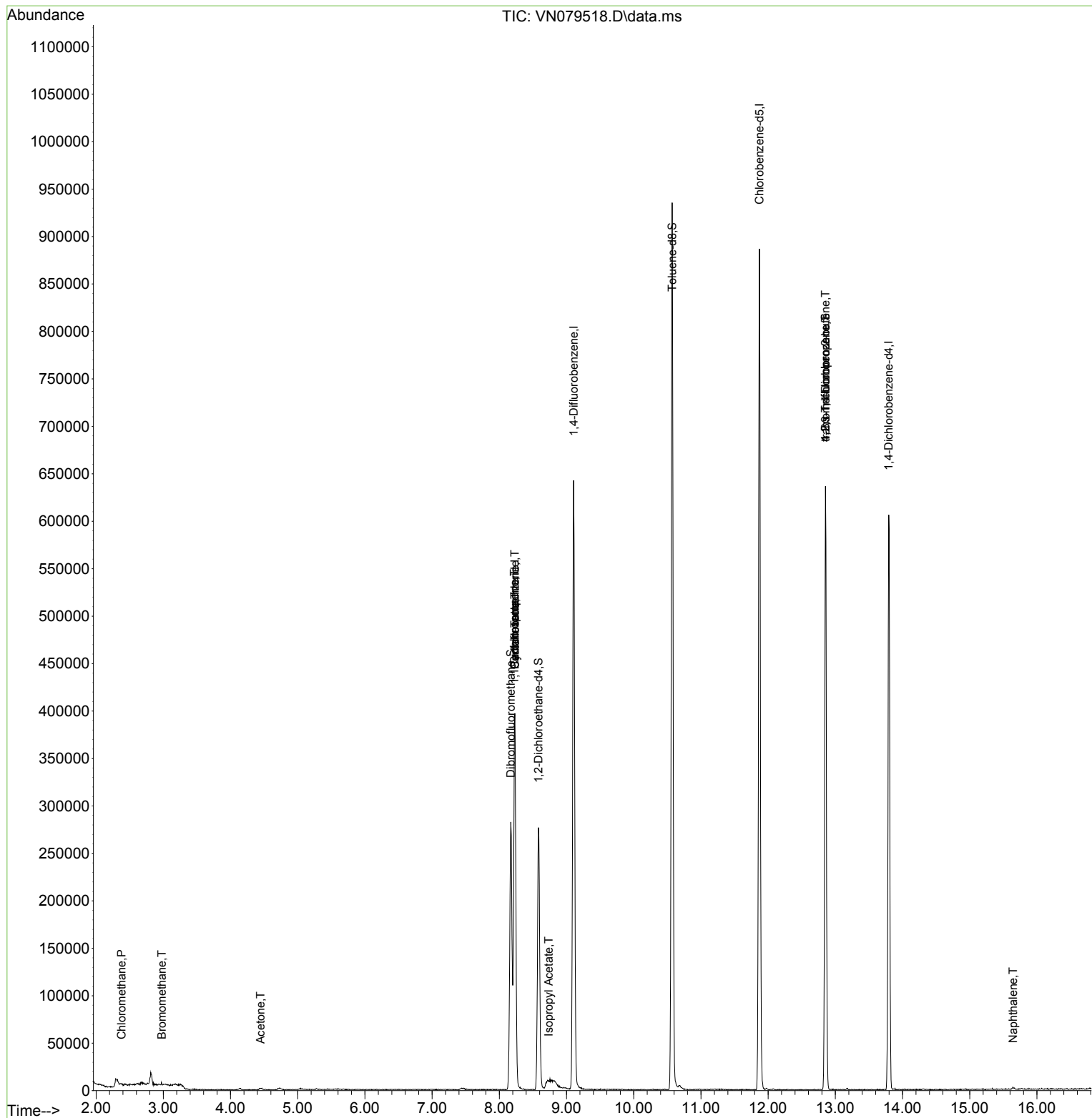
Internal Standards						
1) Pentafluorobenzene	8.230	168	282988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	509947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	223042	48.610	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.220%
35) Dibromofluoromethane	8.171	113	198855	50.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	10.571	98	639531	45.096	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.853	95	211567	46.486	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1704	0.337	ug/l #	74
5) Bromomethane	2.977	94	889	0.282	ug/l #	51
16) Acetone	4.448	43	2974	1.634	ug/l #	84
20) Methylene Chloride	5.283	84	206	Below Cal	#	59
31) Cyclohexane	8.230	56	7396	1.136	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	24184	4.111	ug/l #	48
38) Carbon Tetrachloride	8.230	117	30347	5.153	ug/l #	15
43) Isopropyl Acetate	8.736	43	11116	1.084	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.865	83	56	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	118563	25.345	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118563	73.540	ug/l #	15
95) Naphthalene	15.647	128	2589	0.478	ug/l #	81

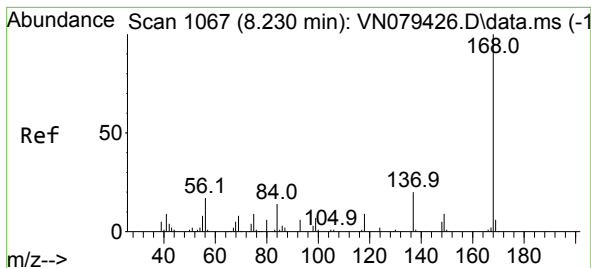
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1

Delta R.T. -0.000 min

Lab File: VN079518.D

Acq: 11 Oct 2023 15:36

Instrument :

MSVOA_N

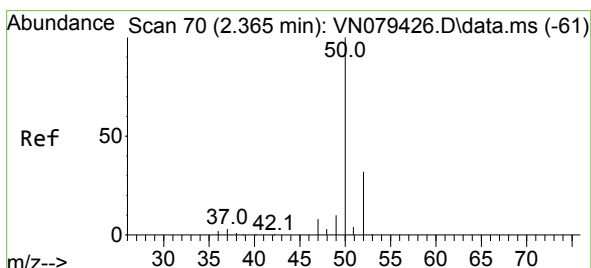
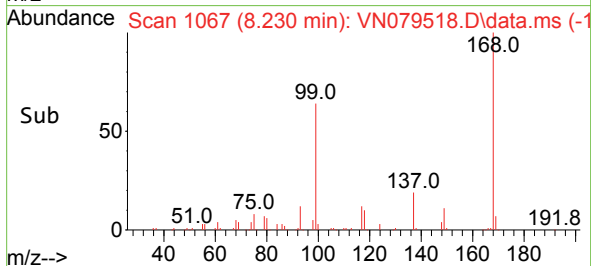
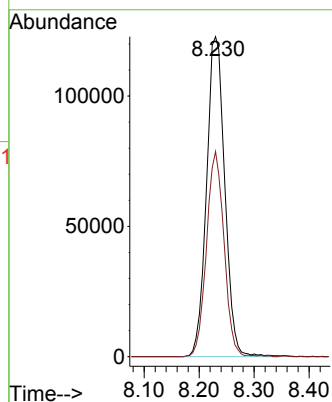
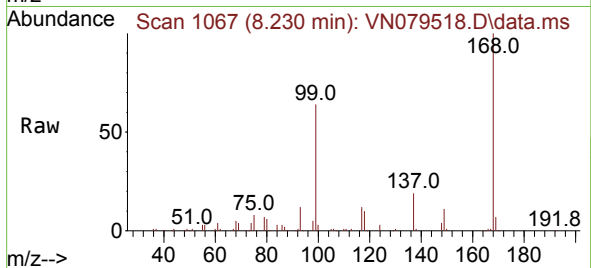
ClientSampleId :

Tgt Ion:168 Resp: 282988

Ion Ratio Lower Upper

168 100

99 64.1 53.0 79.6



#3

Chloromethane

Concen: 0.337 ug/l

RT: 2.377 min Scan# 72

Delta R.T. 0.012 min

Lab File: VN079518.D

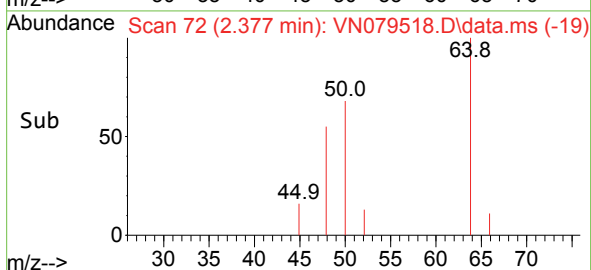
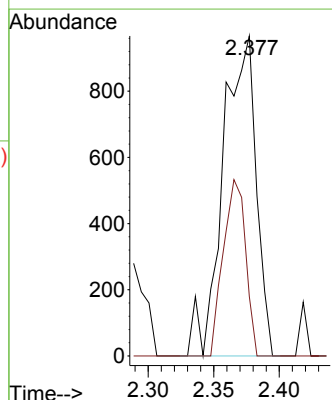
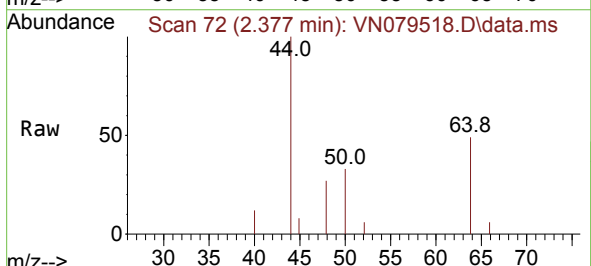
Acq: 11 Oct 2023 15:36

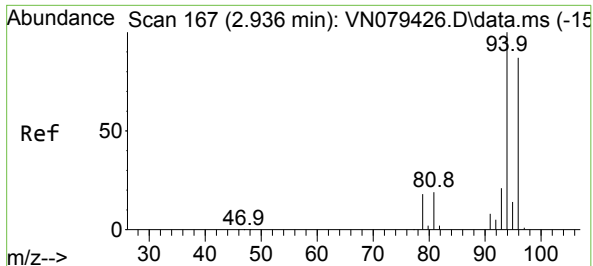
Tgt Ion: 50 Resp: 1704

Ion Ratio Lower Upper

50 100

52 18.6 26.5 39.7#

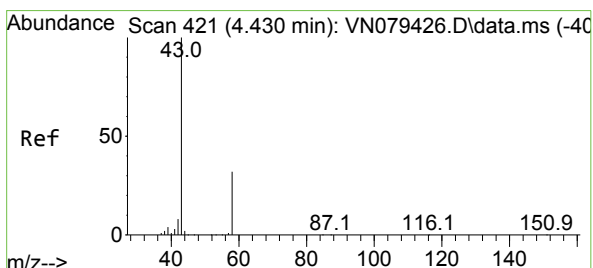
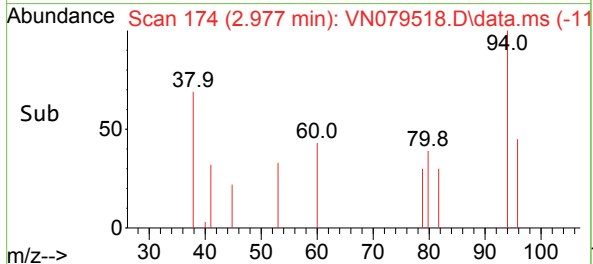
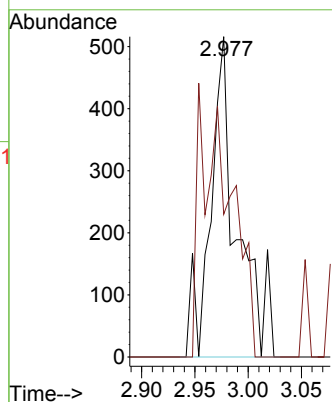
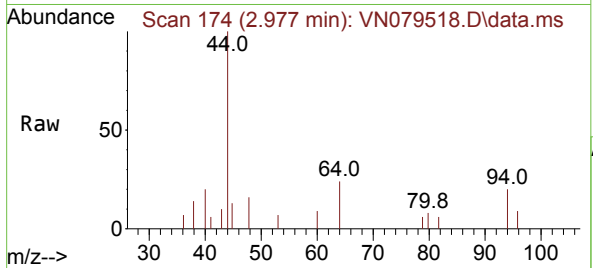




#5
Bromomethane
Concen: 0.282 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN079518.D
Acq: 11 Oct 2023 15:36

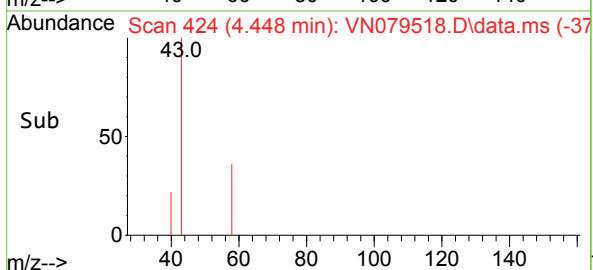
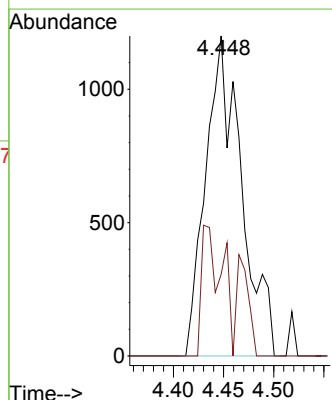
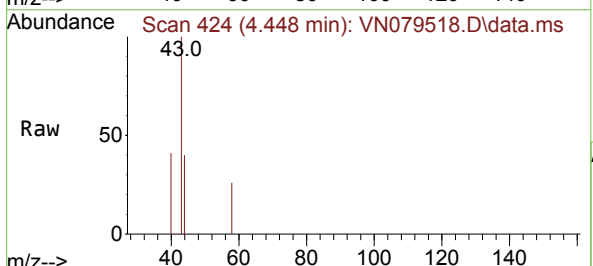
Instrument :
MSVOA_N
ClientSampleId :

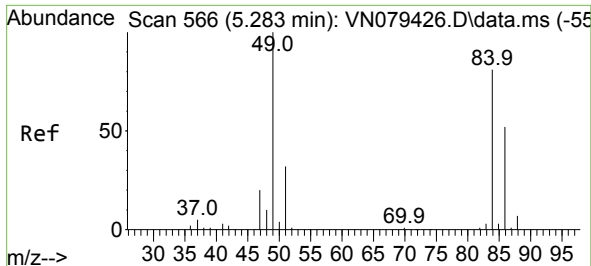
Tgt Ion: 94 Resp: 889
Ion Ratio Lower Upper
94 100
96 44.6 73.1 109.7#



#16
Acetone
Concen: 1.634 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079518.D
Acq: 11 Oct 2023 15:36

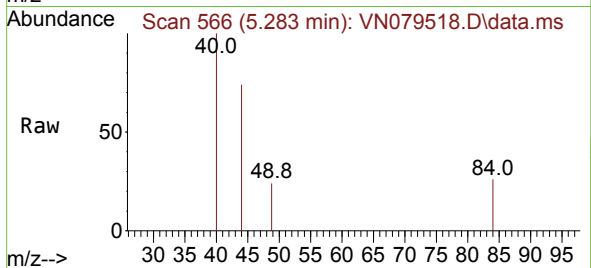
Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
58 25.5 28.0 42.0#





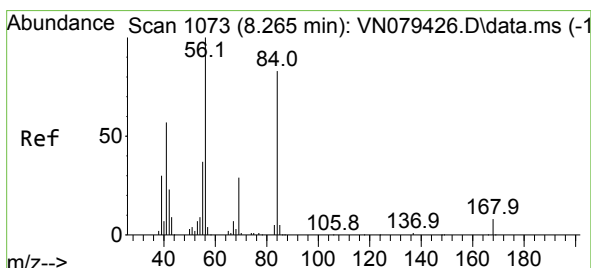
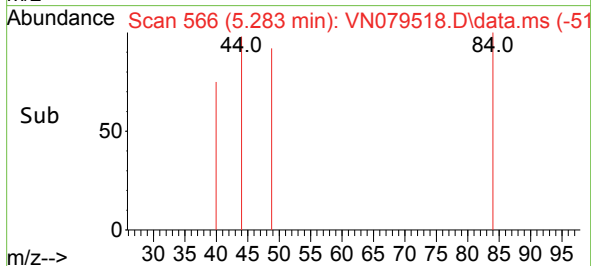
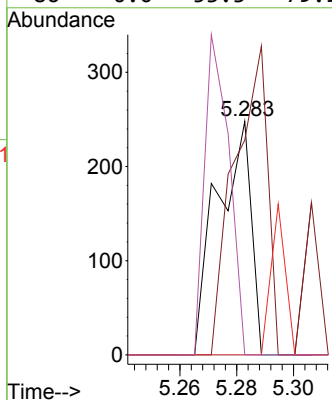
#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079518.D
Acq: 11 Oct 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 206

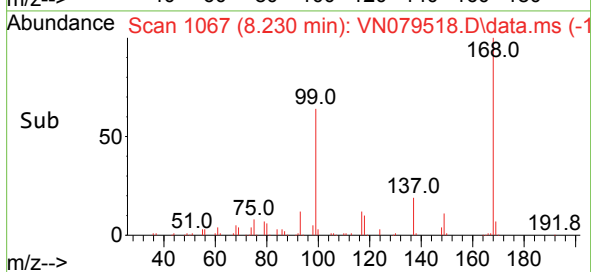
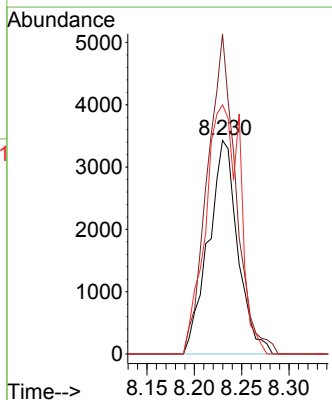
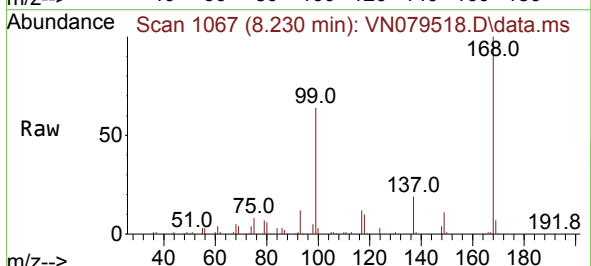
Ion	Ratio	Lower	Upper
84	100		
49	91.9	79.7	119.5
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#

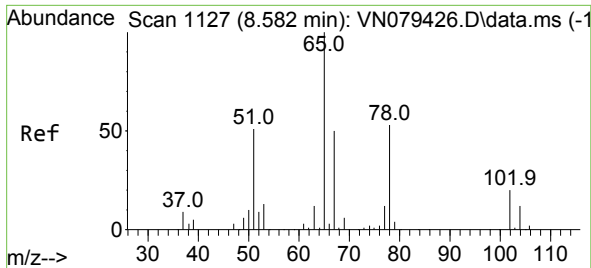


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079518.D
Acq: 11 Oct 2023 15:36

Tgt Ion: 56 Resp: 7396

Ion	Ratio	Lower	Upper
56	100		
69	149.8	26.8	40.2#
84	116.7	81.8	122.6

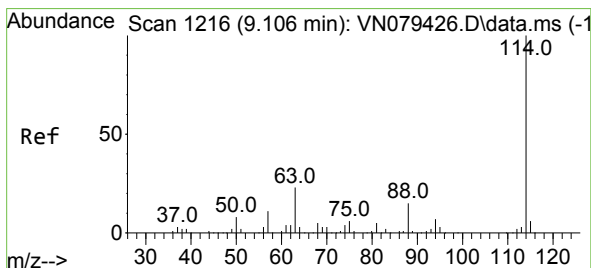
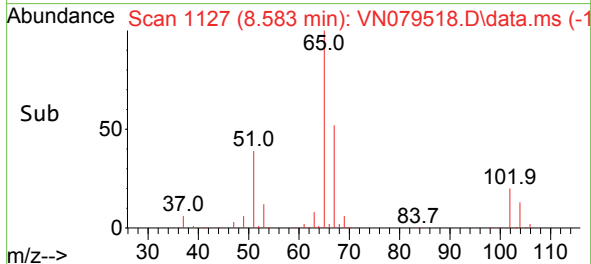
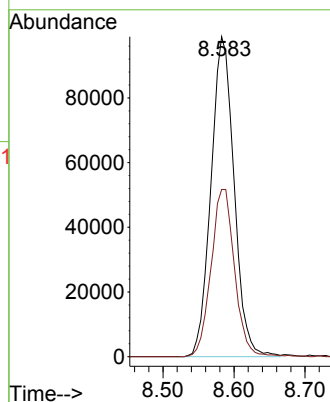
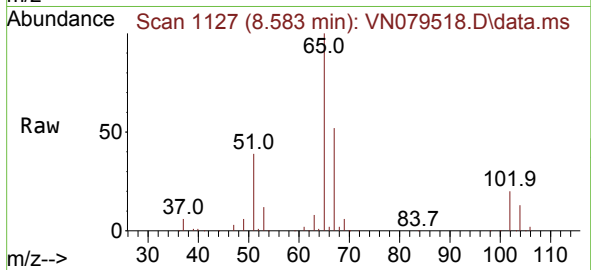




#33
 1,2-Dichloroethane-d4
 Concen: 48.610 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079518.D
 Acq: 11 Oct 2023 15:36

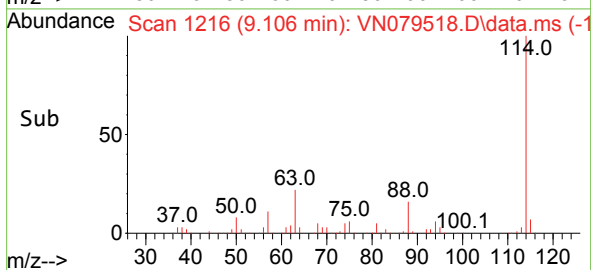
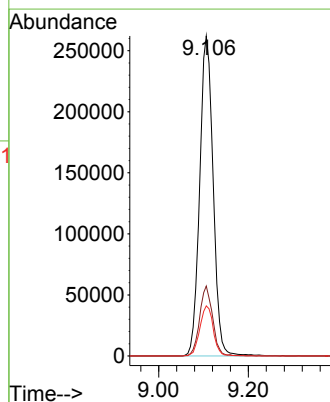
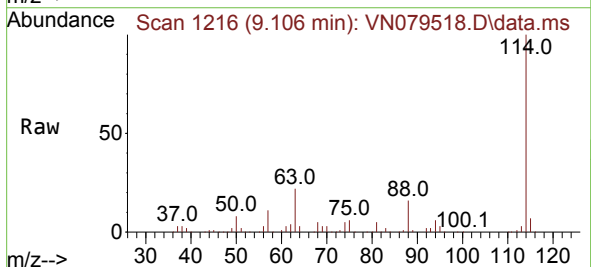
Instrument :
 MSVOA_N
 ClientSampleId :

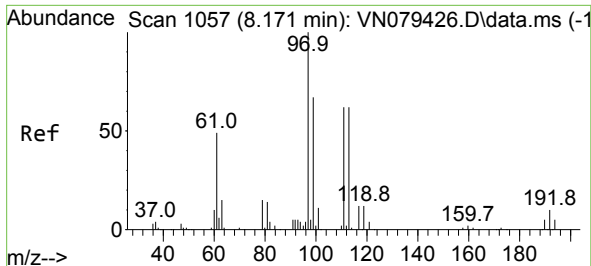
Tgt Ion: 65 Resp: 223042
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079518.D
 Acq: 11 Oct 2023 15:36

Tgt Ion: 114 Resp: 545398
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 36.4
 88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.736 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

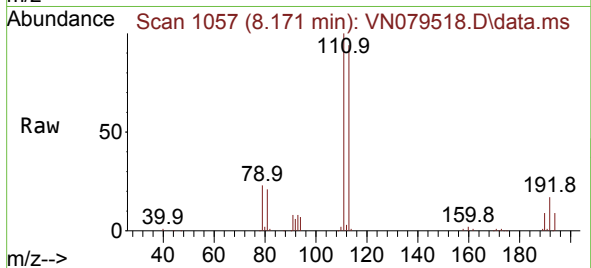
Lab File: VN079518.D

Acq: 11 Oct 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :



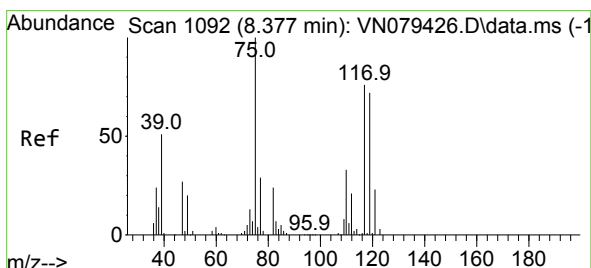
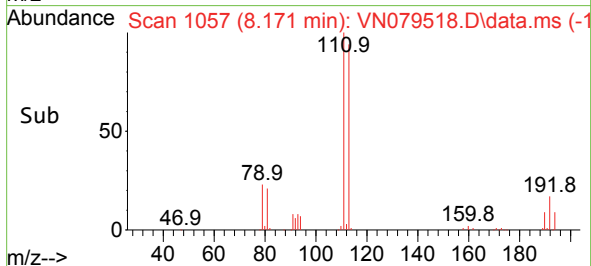
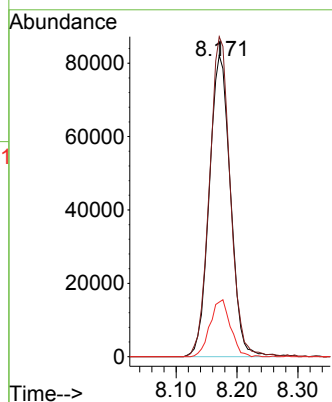
Tgt Ion:113 Resp: 198855

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

192 18.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.111 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079518.D

Acq: 11 Oct 2023 15:36

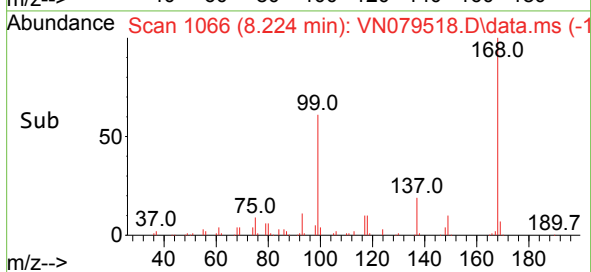
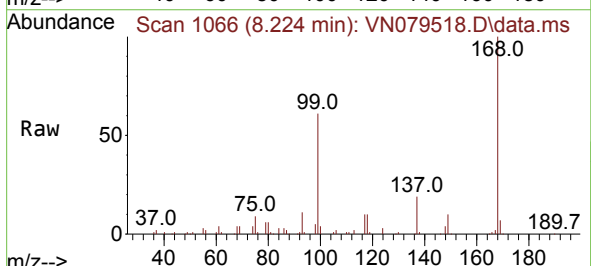
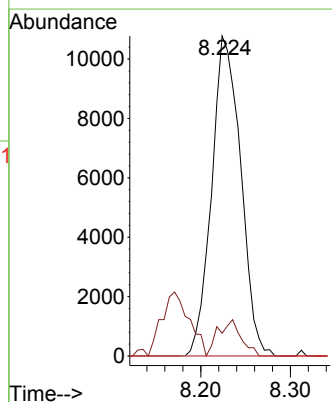
Tgt Ion: 75 Resp: 24184

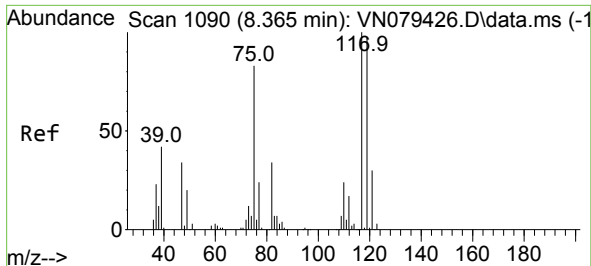
Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.3#

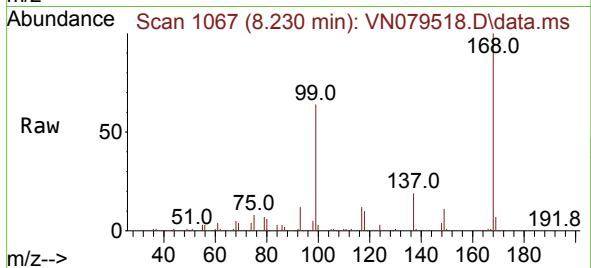
77 0.0 25.0 37.4#



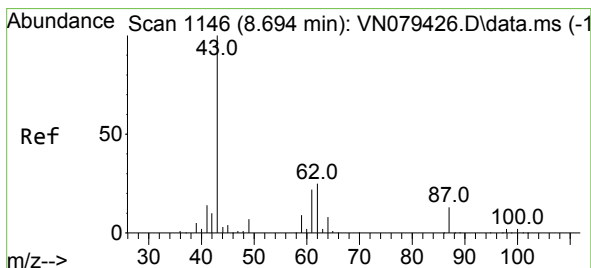
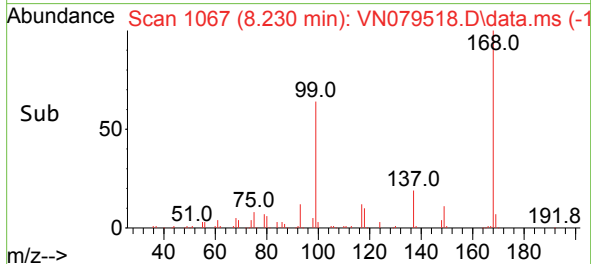
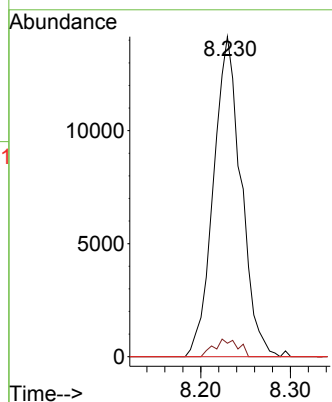


#38
Carbon Tetrachloride
Concen: 5.153 ug/l
RT: 8.230 min Scan# 1153
Delta R.T. -0.135 min
Lab File: VN079518.D
Acq: 11 Oct 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

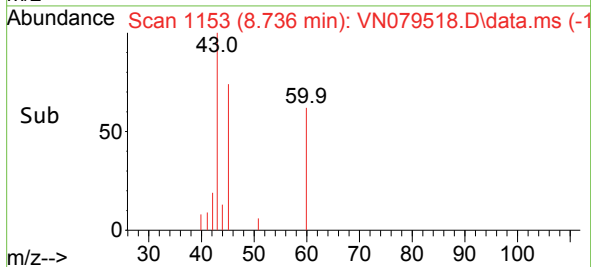
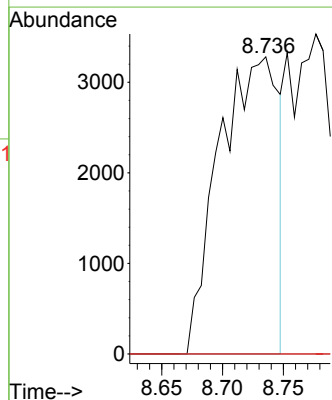
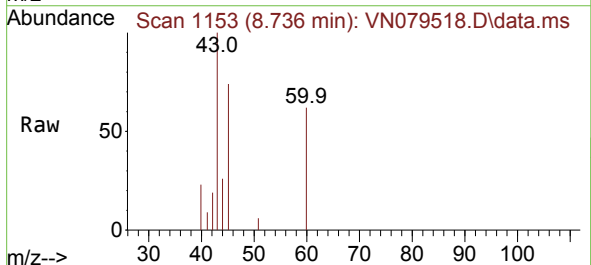


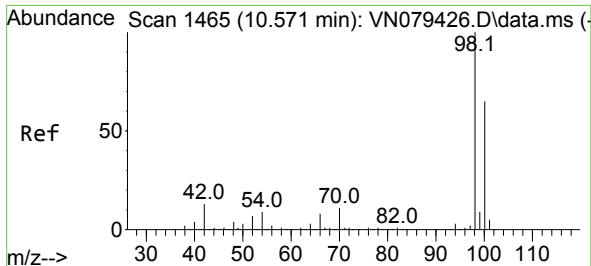
Tgt Ion:117 Resp: 30347
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 1.084 ug/l
RT: 8.736 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN079518.D
Acq: 11 Oct 2023 15:36

Tgt Ion: 43 Resp: 11116
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

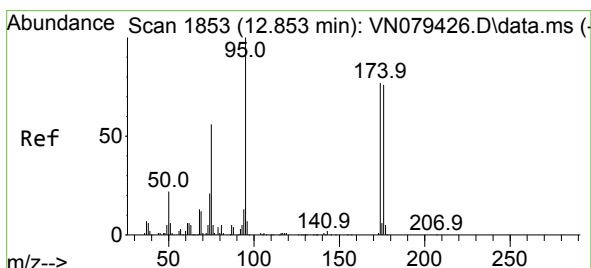
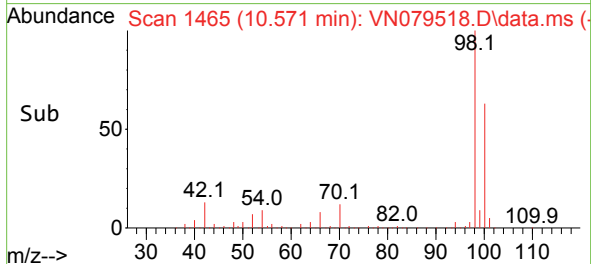
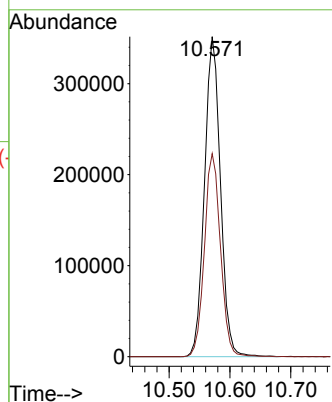
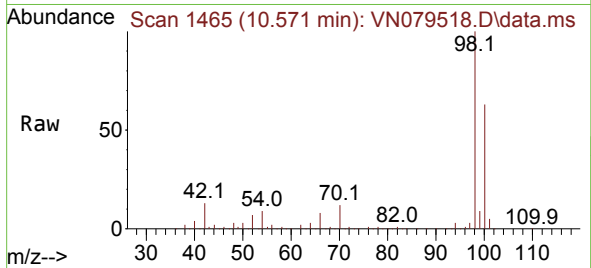




#50
Toluene-d8
Concen: 45.096 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079518.D
Acq: 11 Oct 2023 15:36

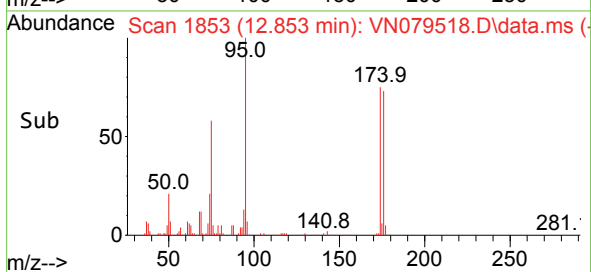
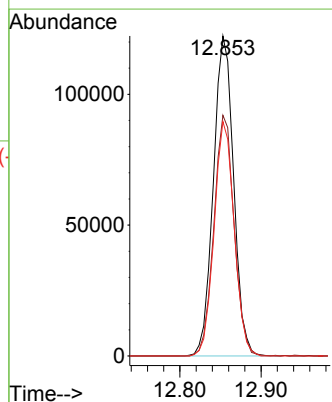
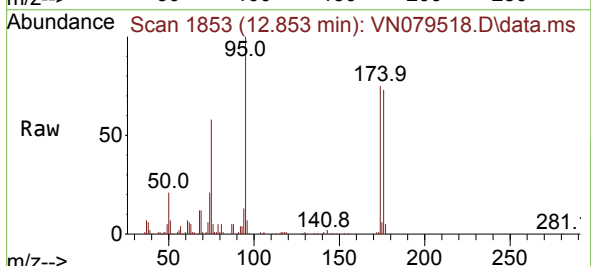
Instrument :
MSVOA_N
ClientSampleId :

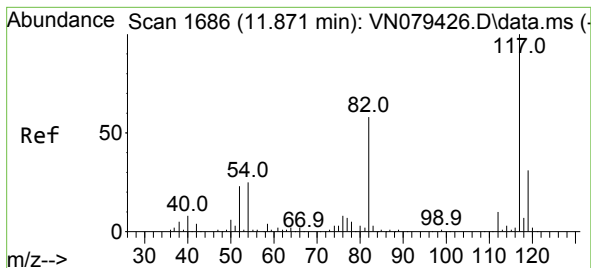
Tgt Ion: 98 Resp: 639531
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.486 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079518.D
Acq: 11 Oct 2023 15:36

Tgt Ion: 95 Resp: 211567
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.6 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: VN079518.D

Acq: 11 Oct 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

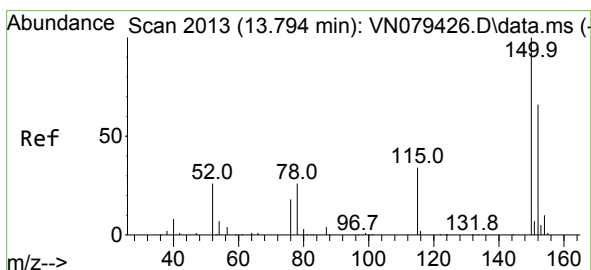
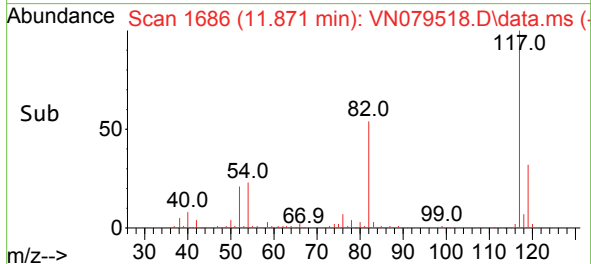
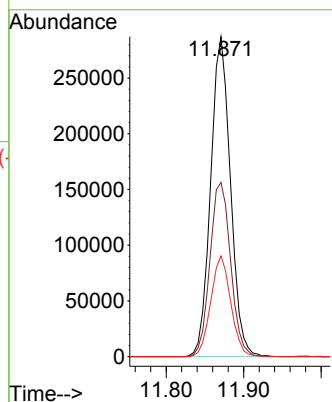
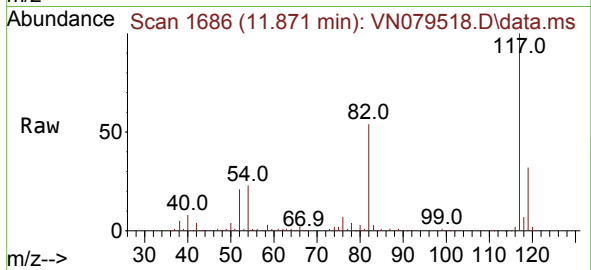
Tgt Ion:117 Resp: 509947

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

119 31.5 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: VN079518.D

Acq: 11 Oct 2023 15:36

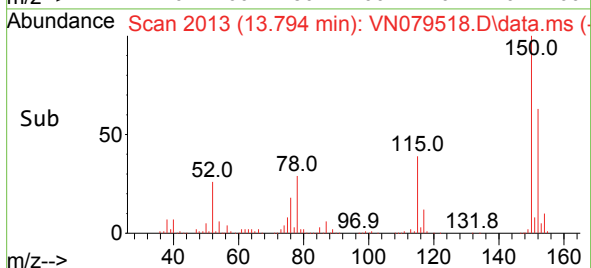
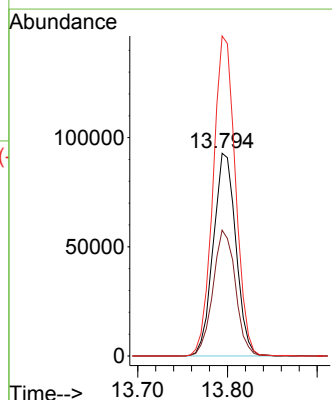
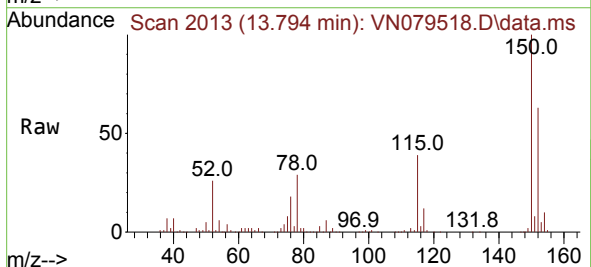
Tgt Ion:152 Resp: 162245

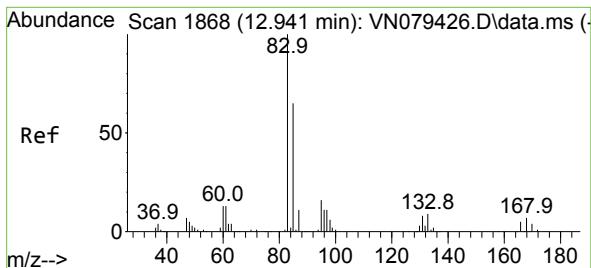
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 156.3 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.865 min Scan# 1855

Delta R.T. -0.076 min

Lab File: VN079518.D

Acq: 11 Oct 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

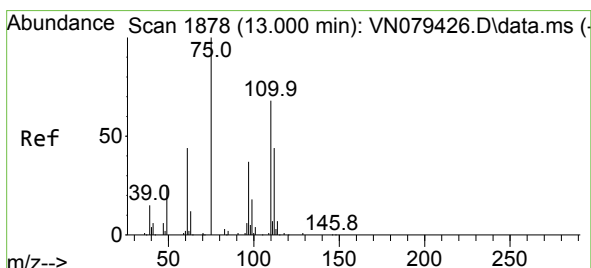
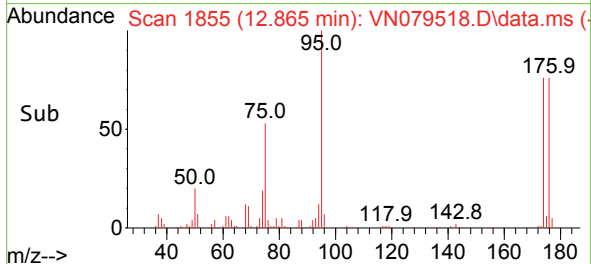
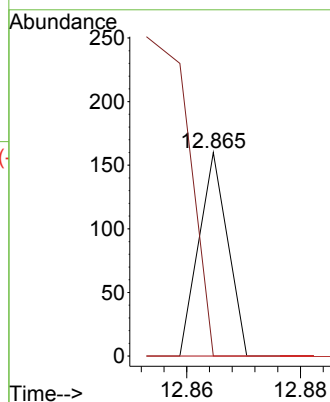
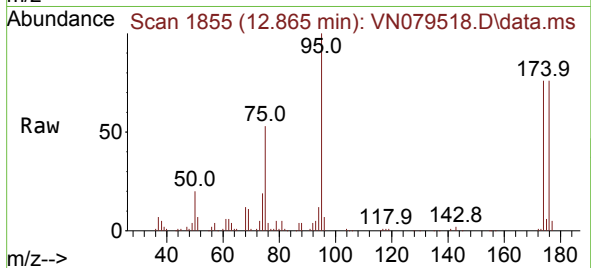
Tgt Ion: 83 Resp: 56

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: 25.345 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079518.D

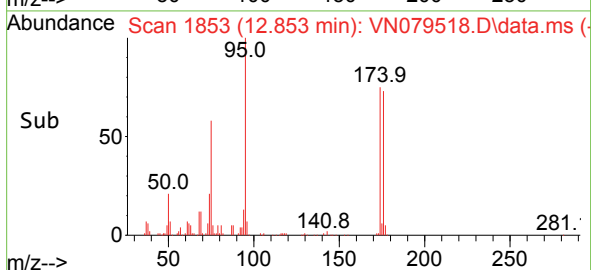
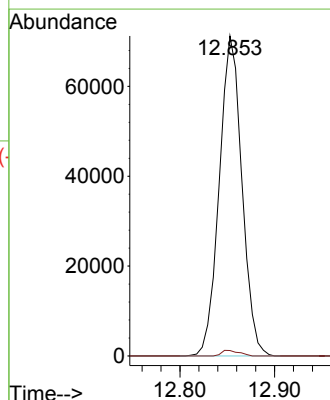
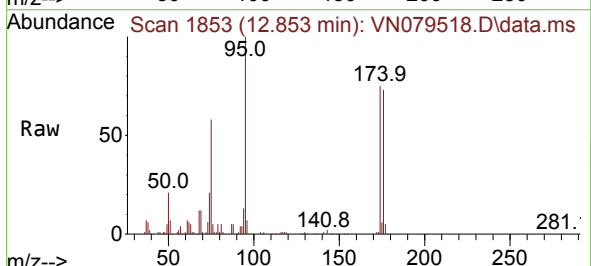
Acq: 11 Oct 2023 15:36

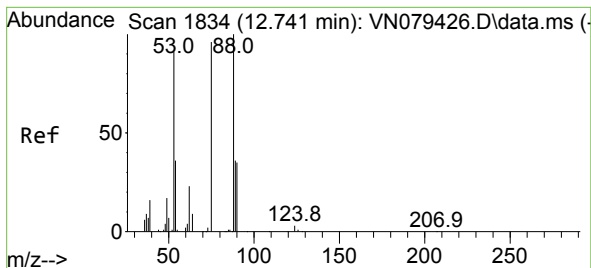
Tgt Ion: 75 Resp: 118563

Ion Ratio Lower Upper

75 100

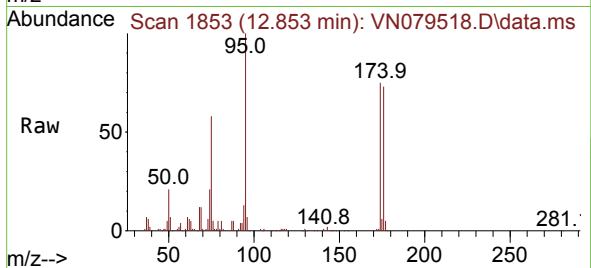
77 1.4 84.5 253.5#



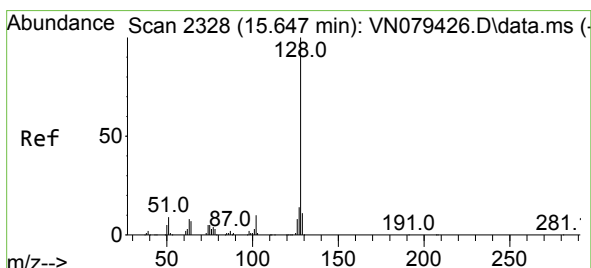
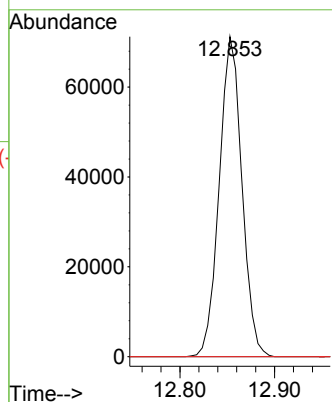
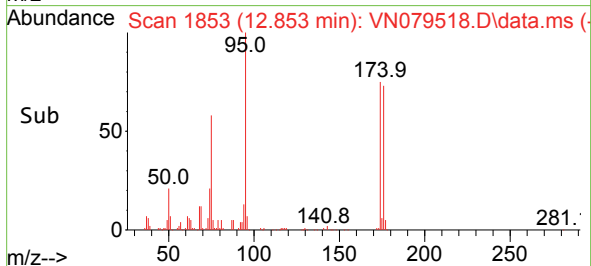


#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.540 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN079518.D
 Acq: 11 Oct 2023 15:36

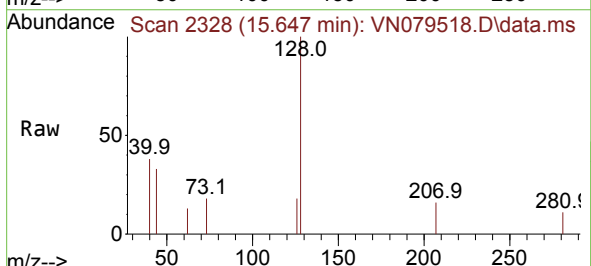
Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 118563
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#



#95
 Naphthalene
 Concen: 0.478 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. -0.000 min
 Lab File: VN079518.D
 Acq: 11 Oct 2023 15:36



Tgt Ion: 128 Resp: 2589
 Ion Ratio Lower Upper
 128 100
 127 8.2 10.0 15.0#
 129 0.0 8.7 13.1#

