

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079517.D
 Acq On : 11 Oct 2023 15:12
 Operator : JC\MD
 Sample : 04819-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:10:02 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)

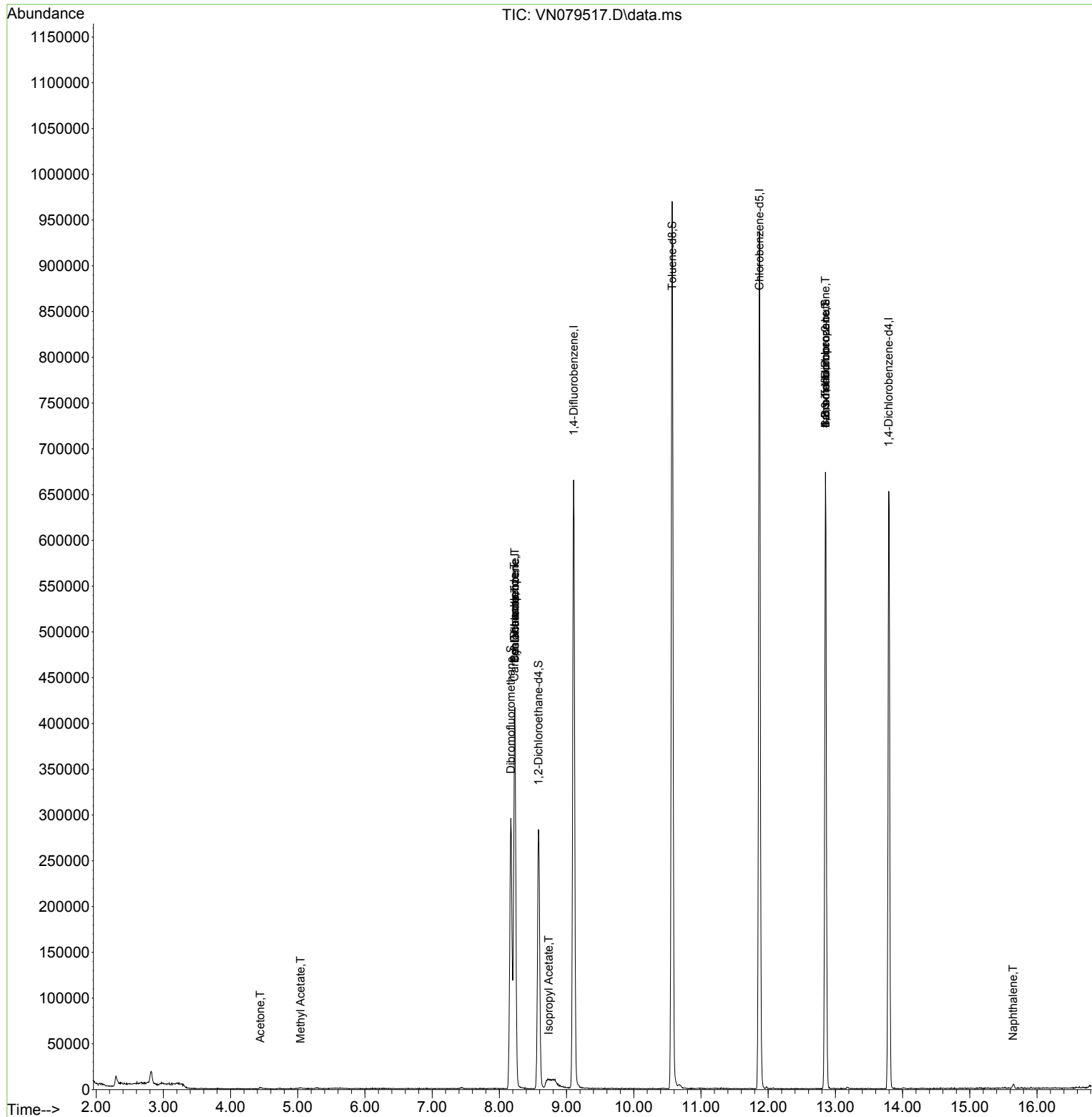
Internal Standards						
1) Pentafluorobenzene	8.229	168	295373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	529545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235788	49.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.460%		
35) Dibromofluoromethane	8.171	113	208788	50.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	10.571	98	675435	45.191	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.380%		
62) 4-Bromofluorobenzene	12.853	95	224508	46.806	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.620%		
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	1485	0.782	ug/l #	74
18) Methyl Acetate	5.041	43	2229	0.240	ug/l #	53
20) Methylene Chloride	5.271	84	440	Below Cal	#	20
31) Cyclohexane	8.229	56	7568	1.114	ug/l #	16
36) 1,1-Dichloropropene	8.229	75	27038	4.361	ug/l #	47
38) Carbon Tetrachloride	8.224	117	32402	5.221	ug/l #	15
43) Isopropyl Acetate	8.735	43	11808	1.093	ug/l #	49
71) Bromoform	12.853	173	2092	0.662	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.853	83	182	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	124051	25.153	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	124051	72.984	ug/l #	15
95) Naphthalene	15.647	128	4554	0.798	ug/l #	95

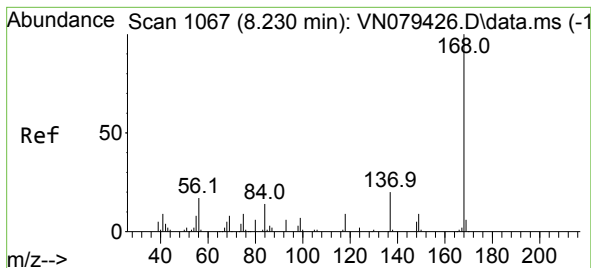
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
Data File : VN079517.D
Acq On : 11 Oct 2023 15:12
Operator : JC\MD
Sample : 04819-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 12 06:10:02 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: 8.229 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079517.D

Acq: 11 Oct 2023 15:12

Instrument :

MSVOA_N

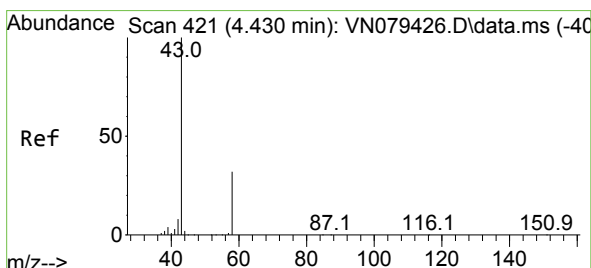
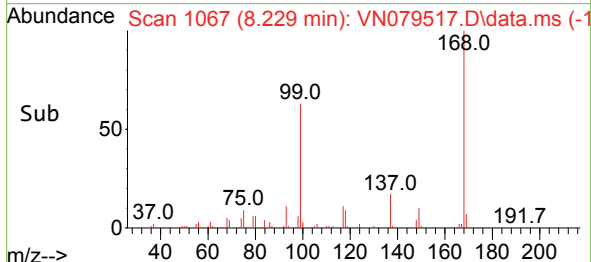
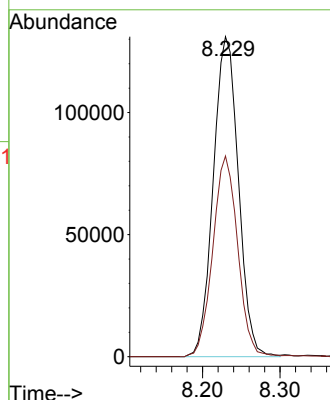
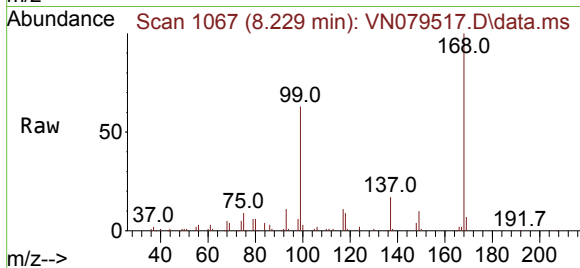
ClientSampleId :

Tgt Ion:168 Resp: 295373

Ion Ratio Lower Upper

168 100

99 62.7 53.0 79.6



#16

Acetone

Concen: 0.782 ug/l

RT: 4.441 min Scan# 423

Delta R.T. 0.011 min

Lab File: VN079517.D

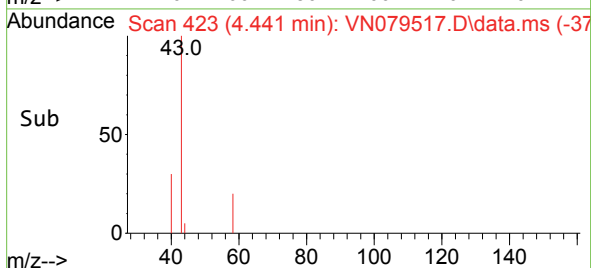
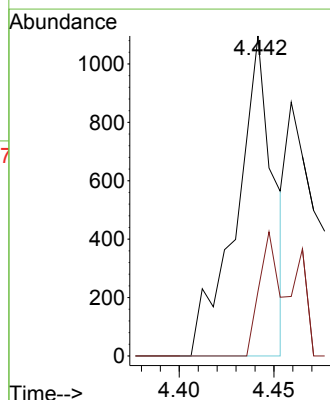
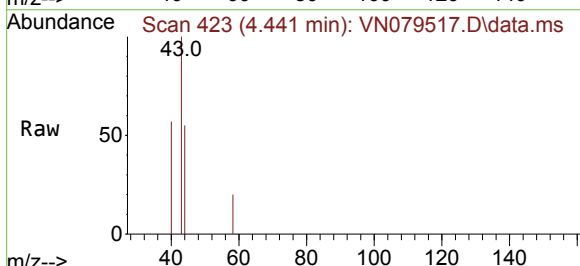
Acq: 11 Oct 2023 15:12

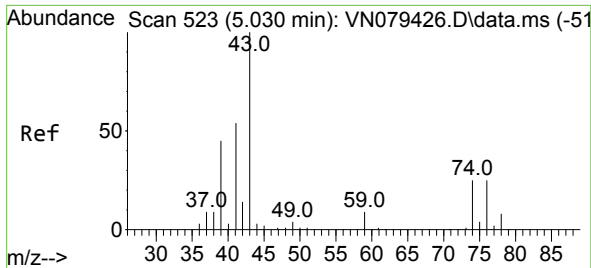
Tgt Ion: 43 Resp: 1485

Ion Ratio Lower Upper

43 100

58 20.2 28.0 42.0#





#18

Methyl Acetate

Concen: 0.240 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN079517.D

Acq: 11 Oct 2023 15:12

Instrument :

MSVOA_N

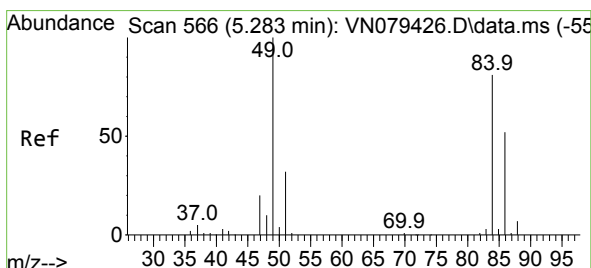
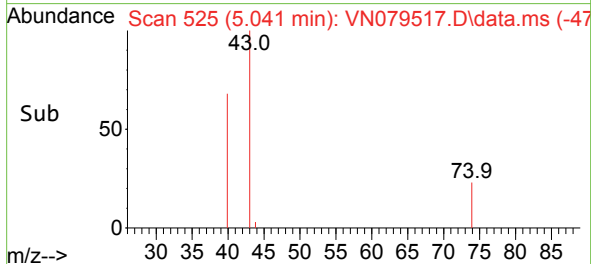
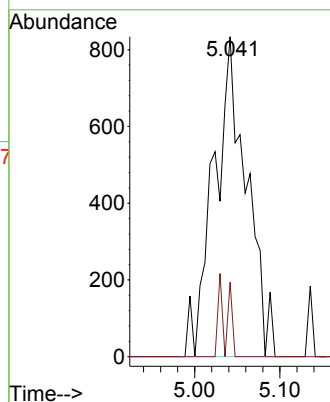
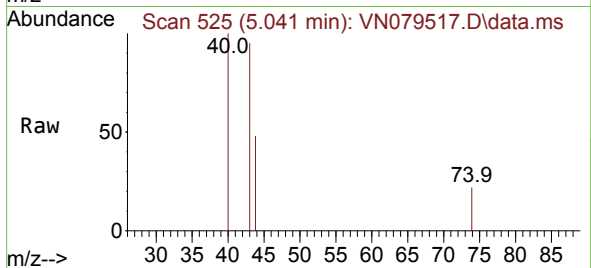
ClientSampleId :

Tgt Ion: 43 Resp: 2229

Ion Ratio Lower Upper

43 100

74 6.5 26.2 39.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.271 min Scan# 564

Delta R.T. -0.012 min

Lab File: VN079517.D

Acq: 11 Oct 2023 15:12

Tgt Ion: 84 Resp: 440

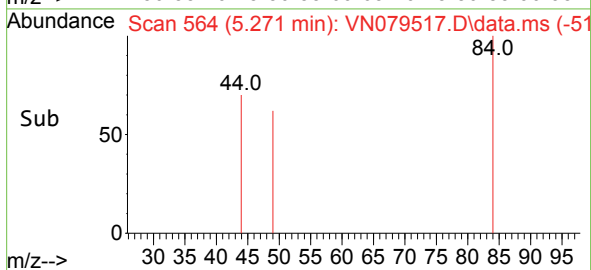
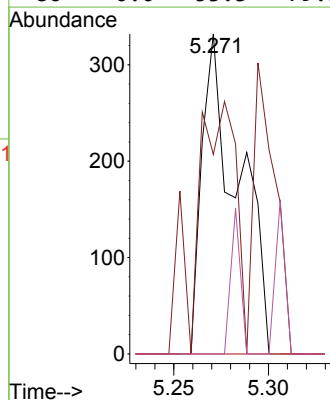
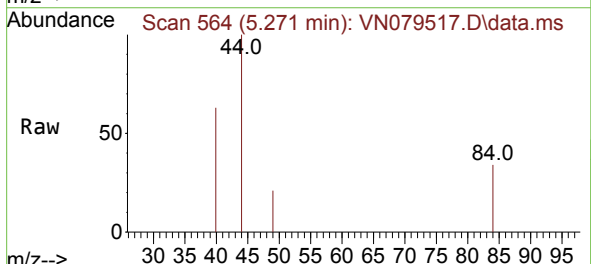
Ion Ratio Lower Upper

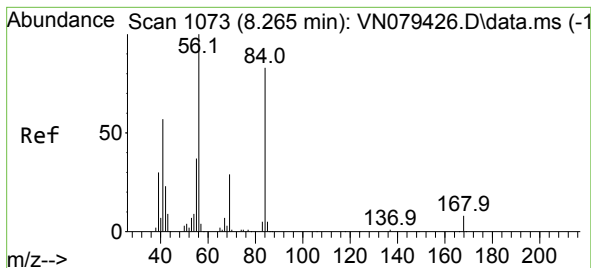
84 100

49 15.1 79.7 119.5#

51 0.0 25.2 37.8#

86 0.0 53.3 79.9#





#31

Cyclohexane

Concen: 1.114 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN079517.D

Acq: 11 Oct 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

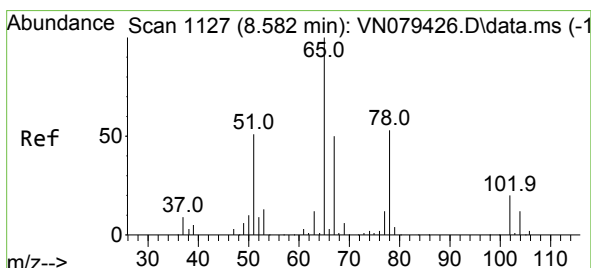
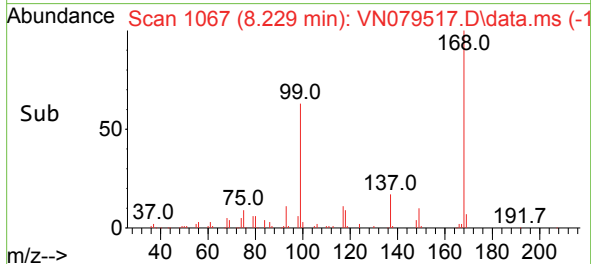
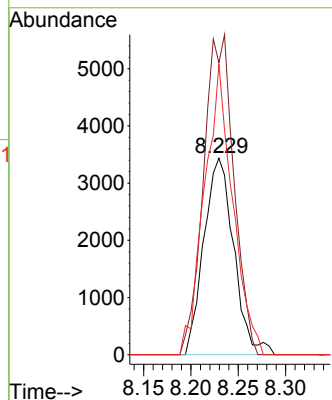
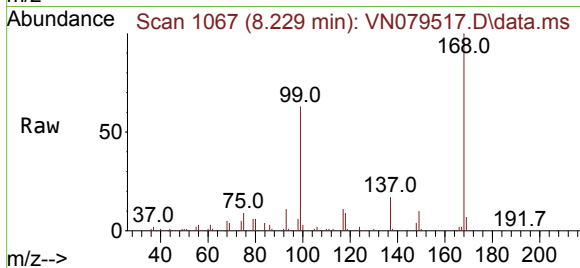
Tgt Ion: 56 Resp: 7568

Ion Ratio Lower Upper

56 100

69 148.5 26.8 40.2#

84 147.7 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 49.233 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079517.D

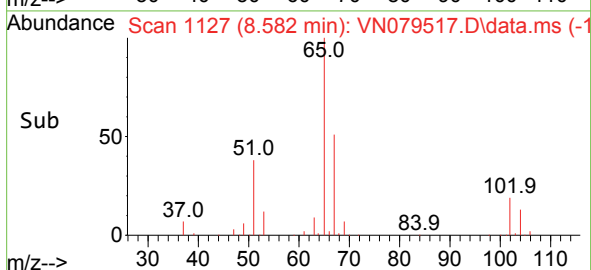
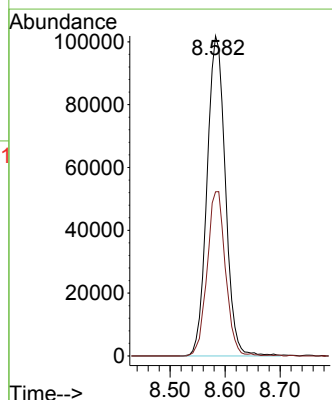
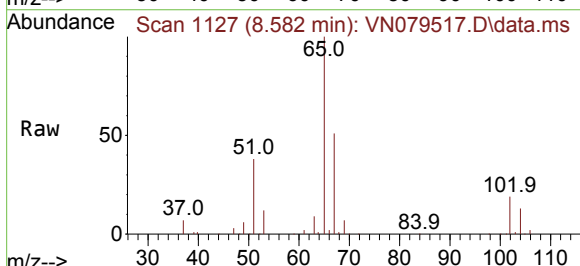
Acq: 11 Oct 2023 15:12

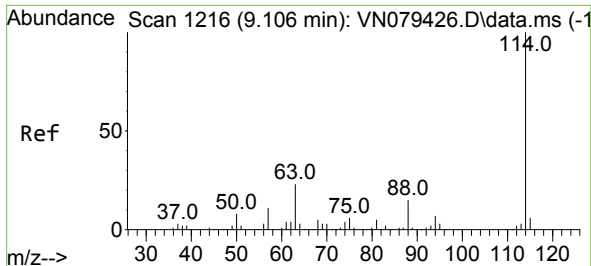
Tgt Ion: 65 Resp: 235788

Ion Ratio Lower Upper

65 100

67 51.6 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: VN079517.D

Acq: 11 Oct 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

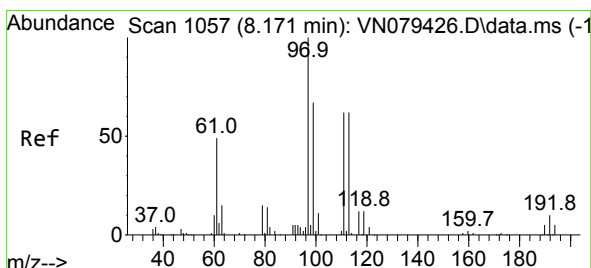
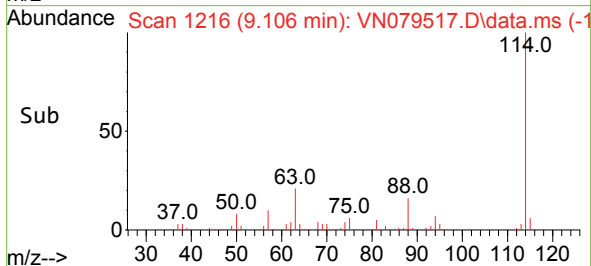
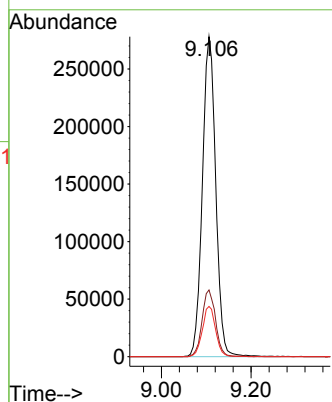
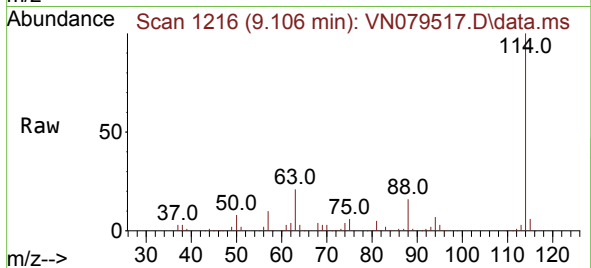
Tgt Ion:114 Resp: 574806

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.545 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079517.D

Acq: 11 Oct 2023 15:12

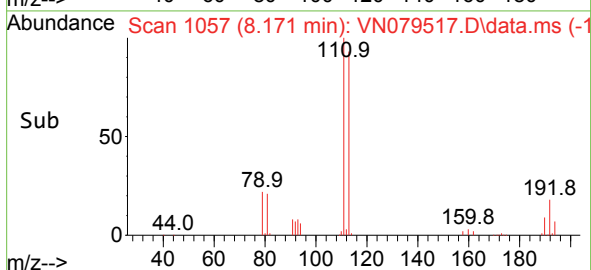
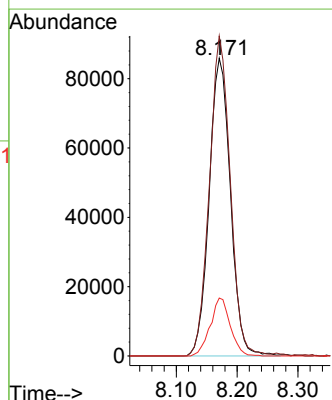
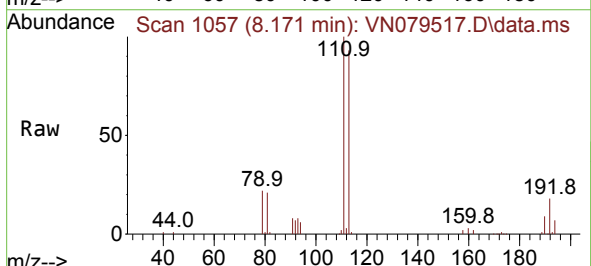
Tgt Ion:113 Resp: 208788

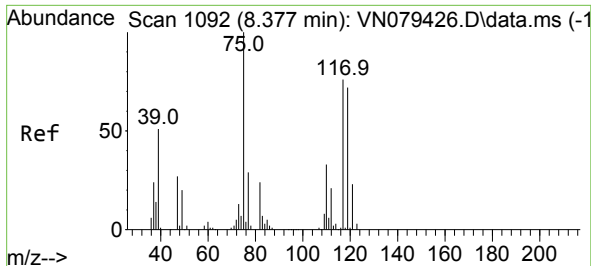
Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

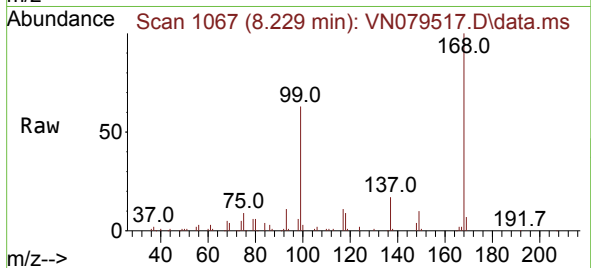
192 18.3 12.7 19.1



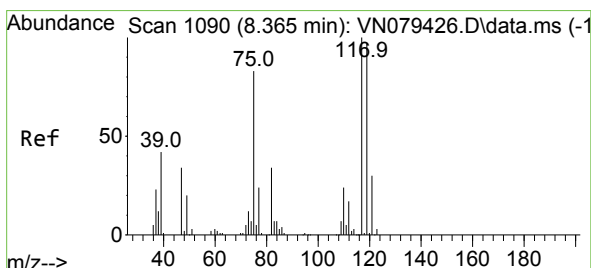
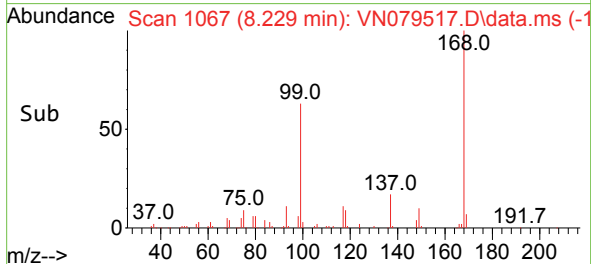
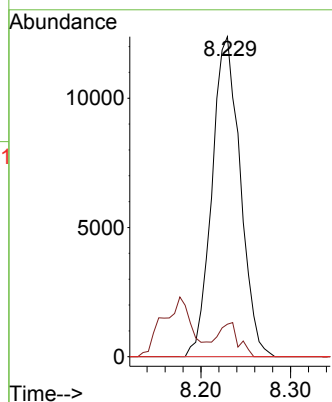


#36
1,1-Dichloropropene
Concen: 4.361 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :

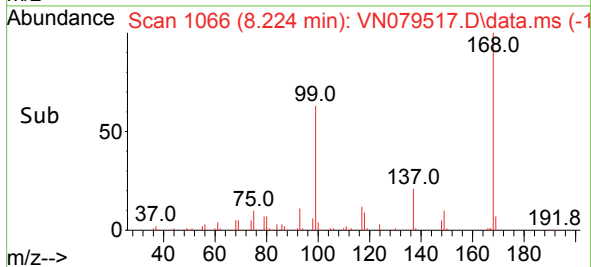
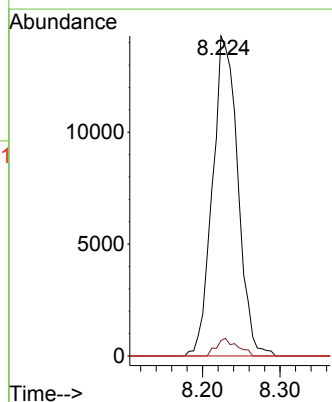
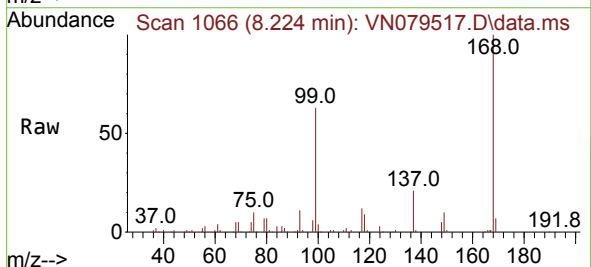


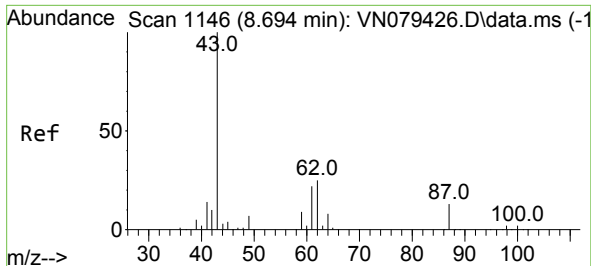
Tgt Ion: 75 Resp: 27038
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.221 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

Tgt Ion: 117 Resp: 32402
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 23.3 34.9#

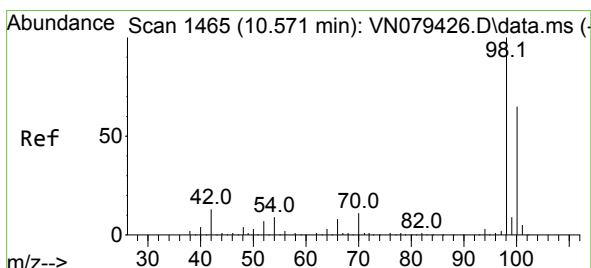
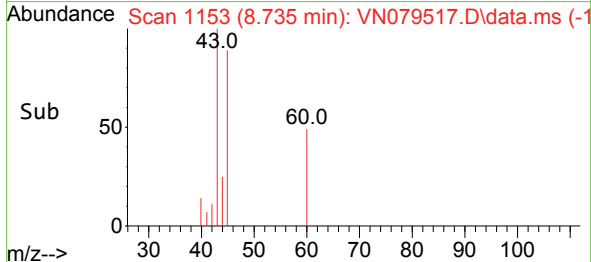
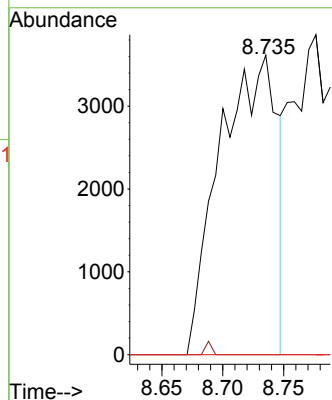
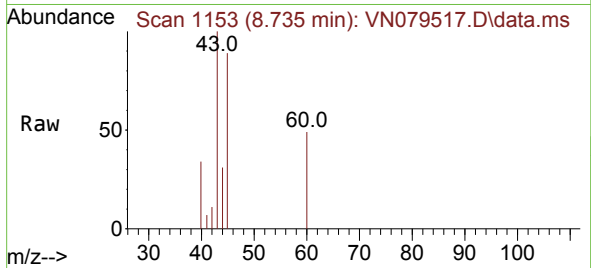




#43
Isopropyl Acetate
Concen: 1.093 ug/l
RT: 8.735 min Scan# 1146
Delta R.T. 0.041 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

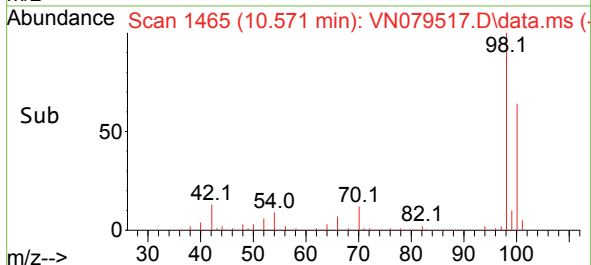
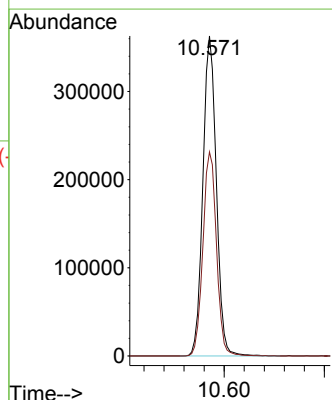
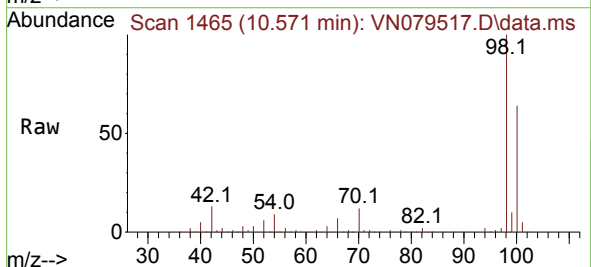
Instrument :
MSVOA_N
ClientSampleId :

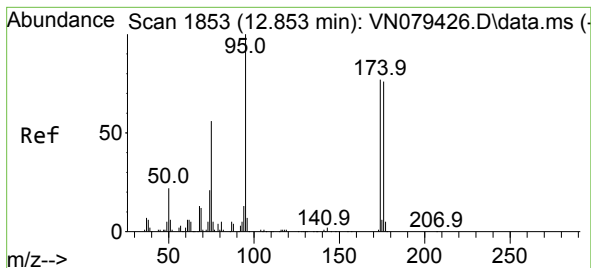
Tgt Ion: 43 Resp: 11808
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 45.191 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

Tgt Ion: 98 Resp: 675435
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

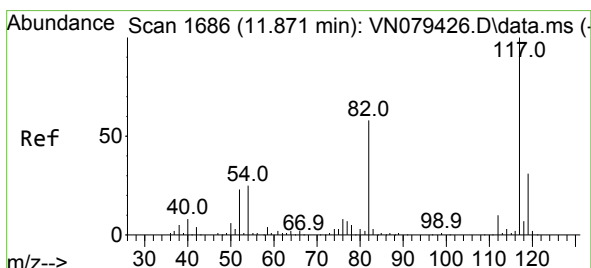
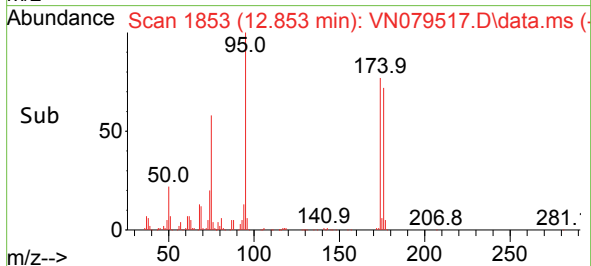
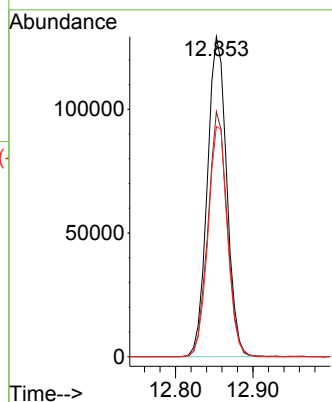
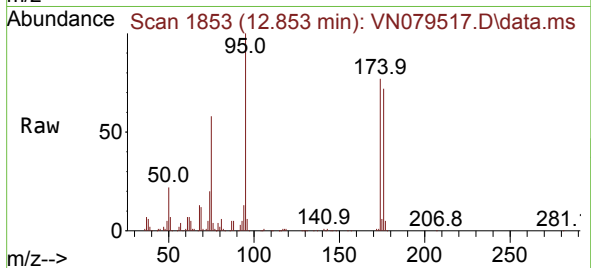




#62
4-Bromofluorobenzene
Concen: 46.806 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

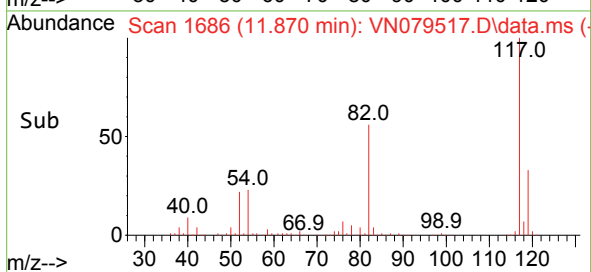
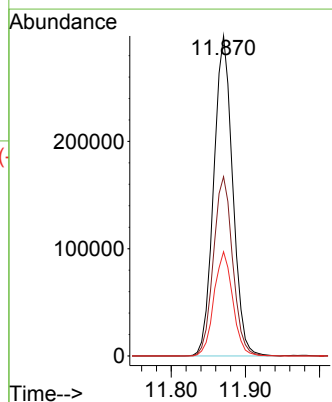
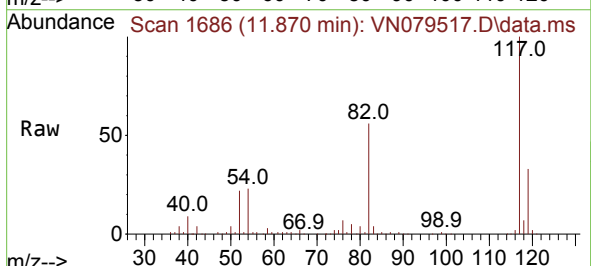
Instrument :
MSVOA_N
ClientSampleId :

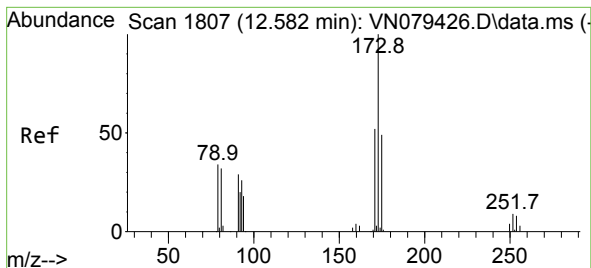
Tgt Ion: 95 Resp: 224508
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

Tgt Ion: 117 Resp: 529545
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.6 25.6 38.4





#71

Bromoform

Concen: 0.662 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.270 min

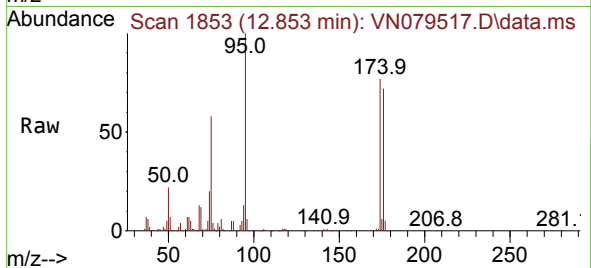
Lab File: VN079517.D

Acq: 11 Oct 2023 15:12

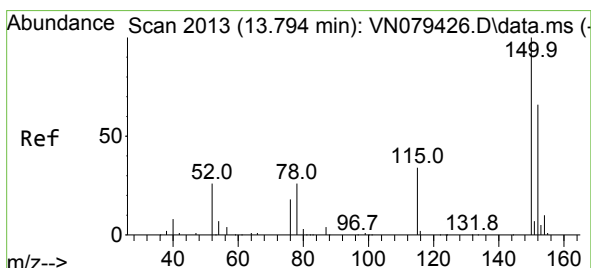
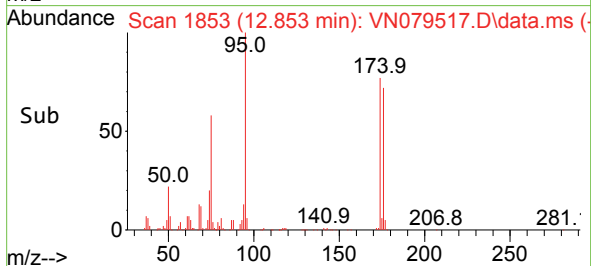
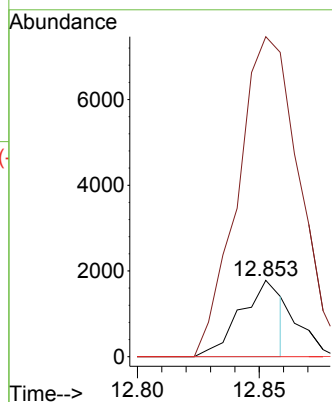
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	2092
Ion Ratio	Lower	Upper	
173	100		
175	469.6	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

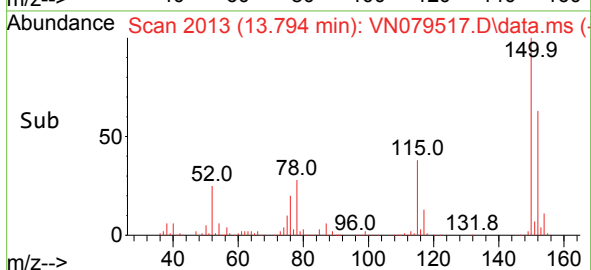
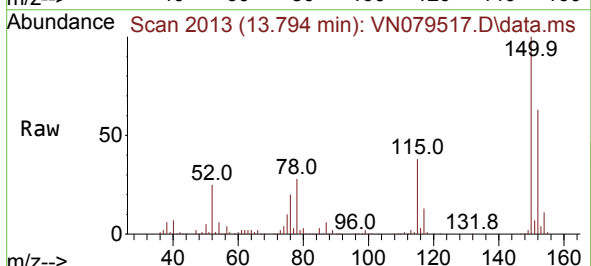
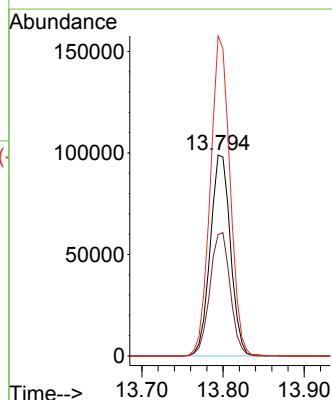
RT: 13.794 min Scan# 2013

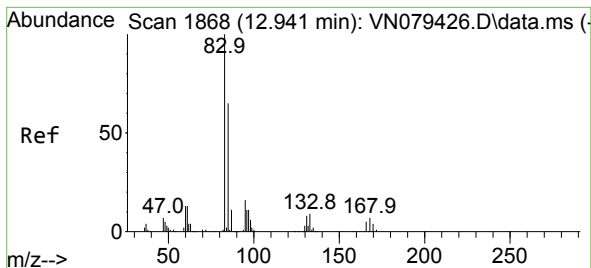
Delta R.T. -0.000 min

Lab File: VN079517.D

Acq: 11 Oct 2023 15:12

Tgt Ion:	152	Resp:	171048
Ion Ratio	Lower	Upper	
152	100		
115	61.8	32.3	96.8
150	155.6	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: VN079517.D

Acq: 11 Oct 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

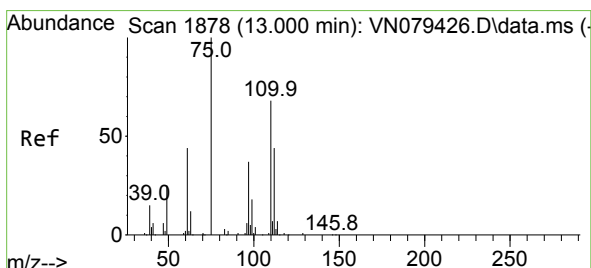
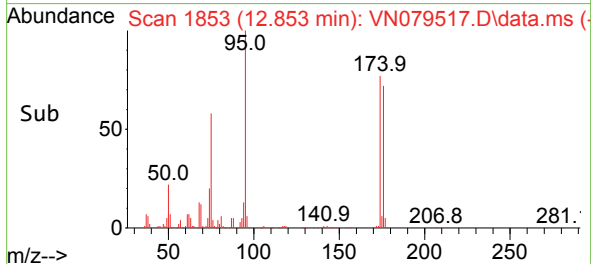
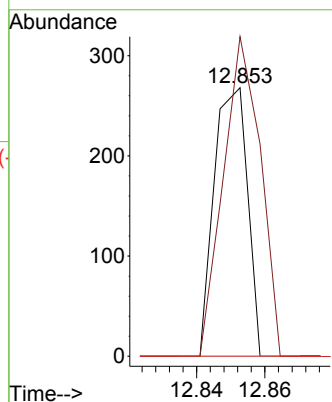
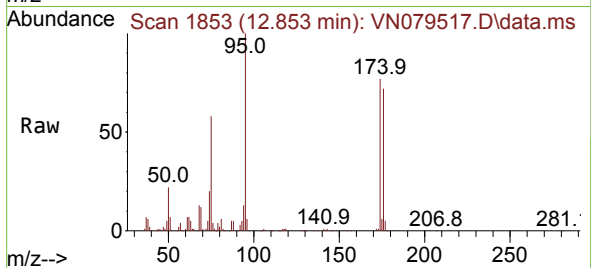
Tgt Ion: 83 Resp: 182

Ion Ratio Lower Upper

83 100

131 132.4 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 25.153 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079517.D

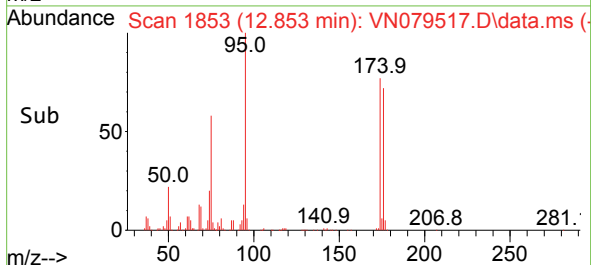
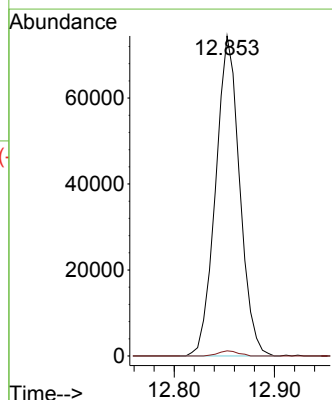
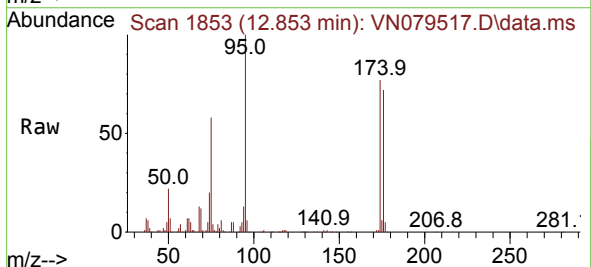
Acq: 11 Oct 2023 15:12

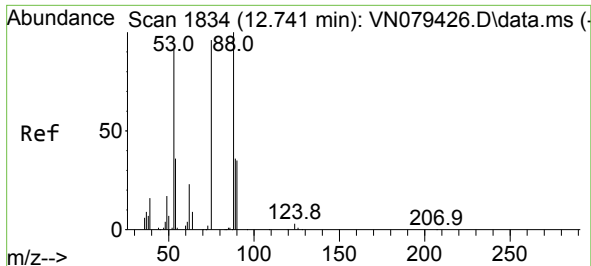
Tgt Ion: 75 Resp: 124051

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#

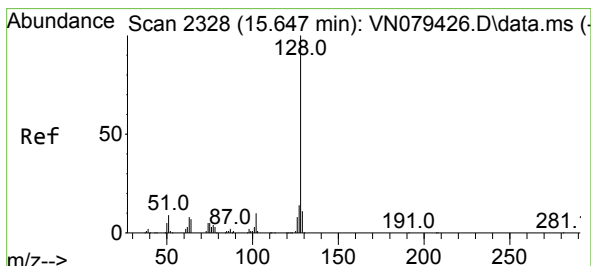
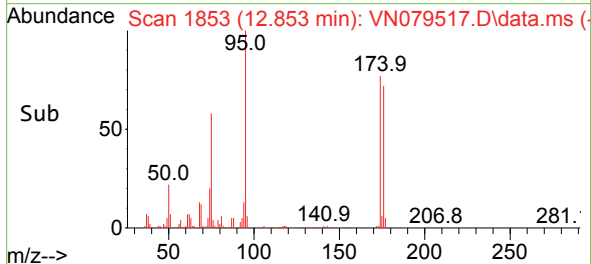
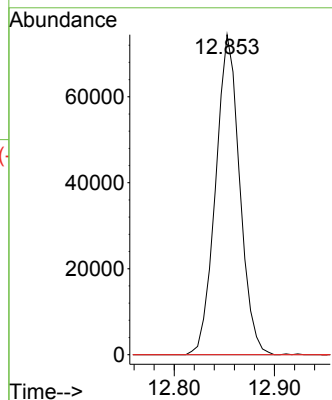
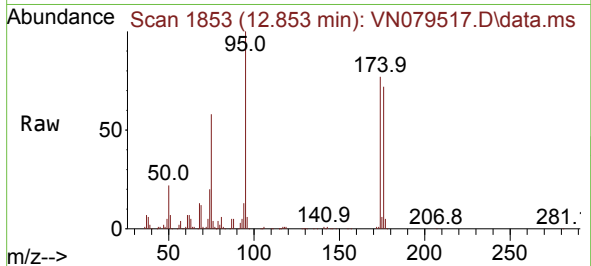




#81
trans-1,4-Dichloro-2-butene
Concen: 72.984 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 124051
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.798 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

Tgt Ion:128 Resp: 4554
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 7.8 8.7 13.1#

