

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016517.D
 Acq On : 28 Nov 2023 13:49
 Operator : SY/MD
 Sample : 05547-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

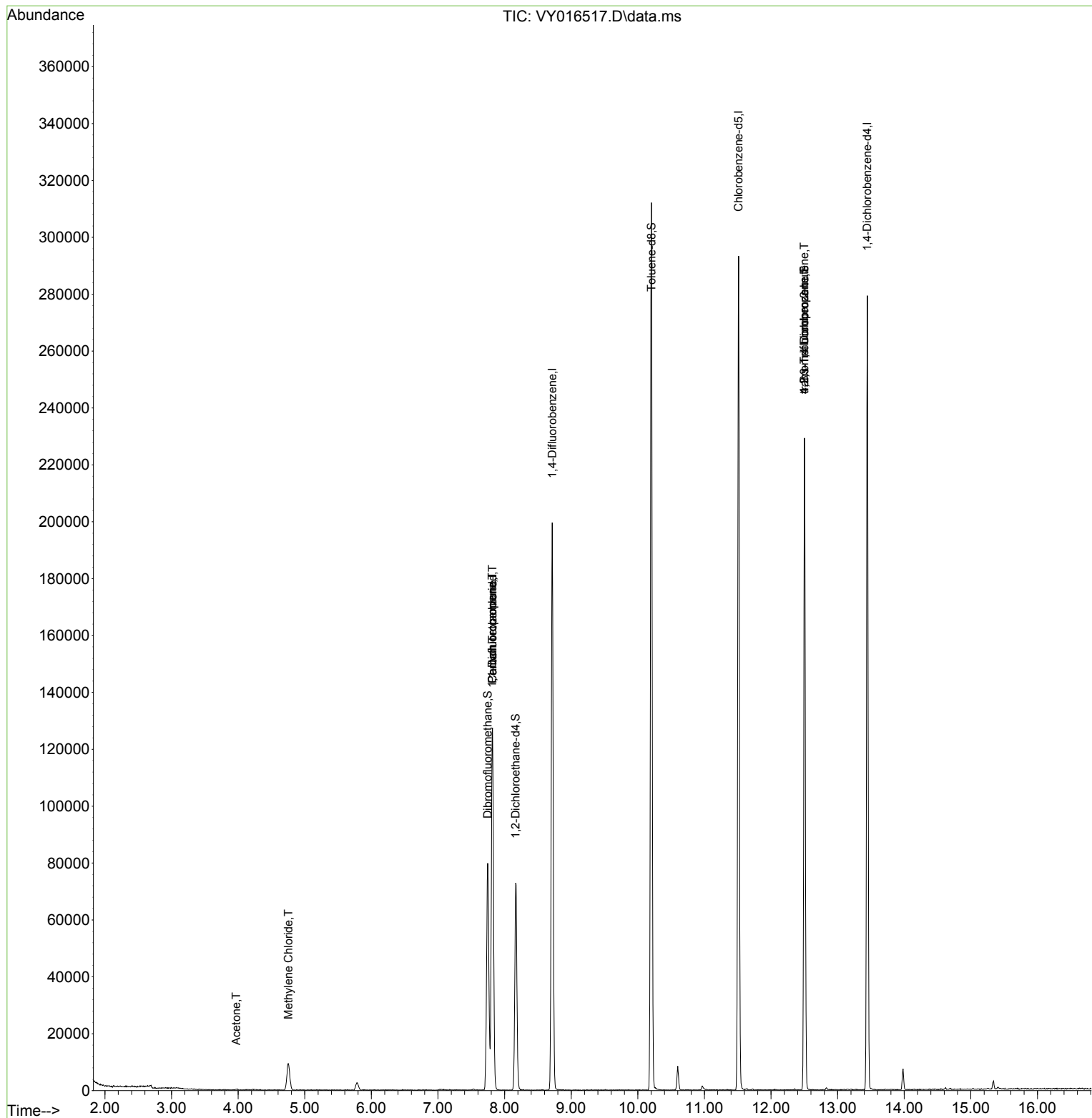
Internal Standards						
1) Pentafluorobenzene	7.819	168	104849	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	182408	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	175564	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	76439	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58934	61.500	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.000%	
35) Dibromofluoromethane	7.746	113	58448	56.406	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.820%	
50) Toluene-d8	10.203	98	213490	50.807	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.502	95	70811	51.886	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.780%	
Target Compounds						Qvalue
16) Acetone	3.973	43	504	3.180	ug/l #	46
20) Methylene Chloride	4.753	84	8087	4.021	ug/l #	65
36) 1,1-Dichloropropene	7.813	75	7267	4.039	ug/l #	50
38) Carbon Tetrachloride	7.819	117	9913	5.309	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	34507	47.059	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	34507	102.145	ug/l #	10

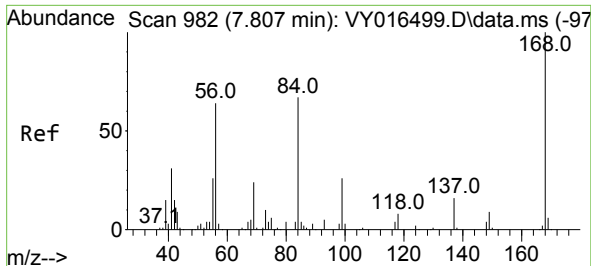
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
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Quant Time: Nov 29 03:08:05 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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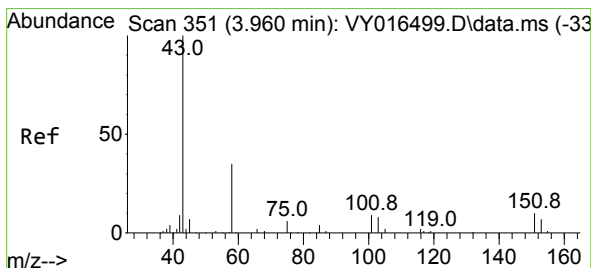
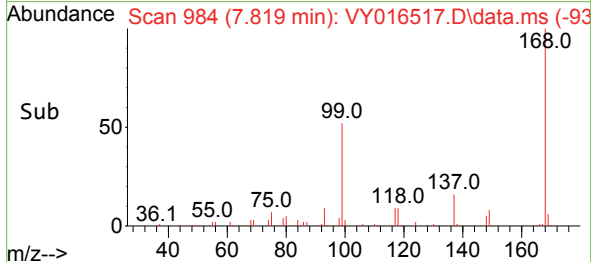
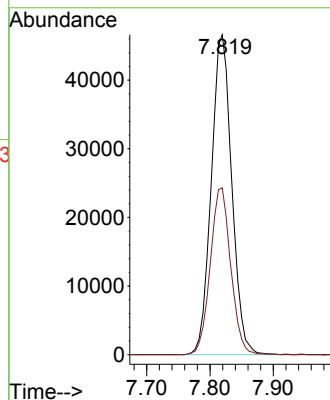
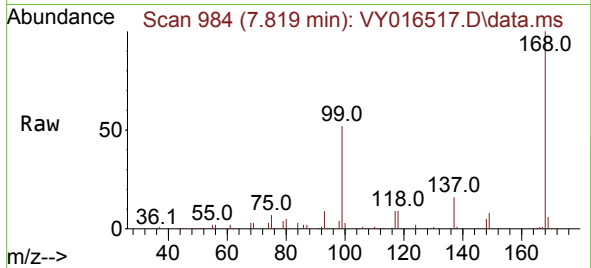




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016517.D
Acq: 28 Nov 2023 13:49

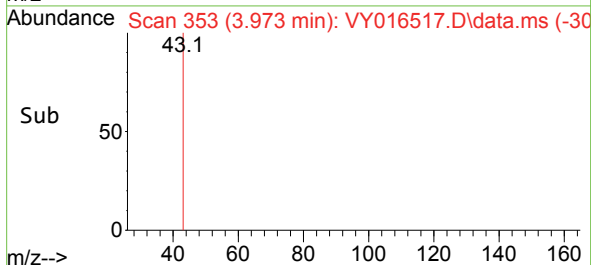
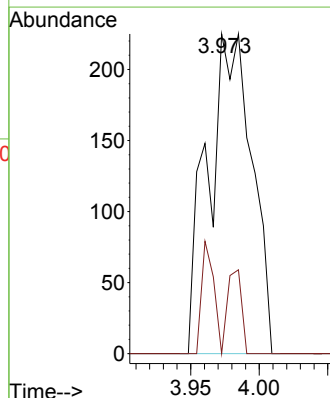
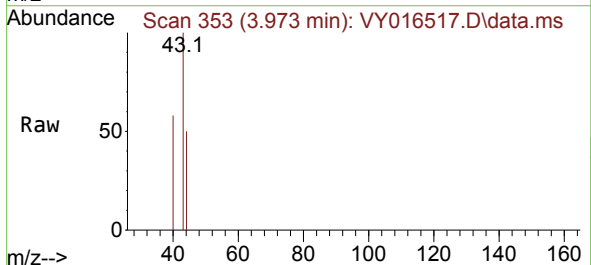
Instrument :
MSVOA_Y
ClientSampleId :

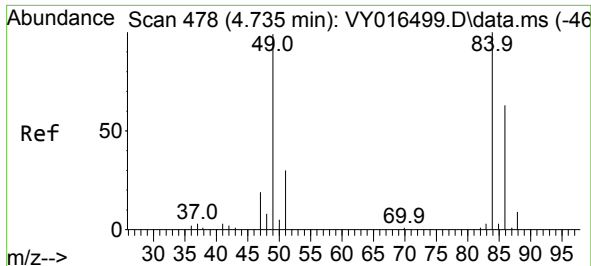
Tgt Ion:168 Resp: 104849
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#16
Acetone
Concen: 3.180 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016517.D
Acq: 28 Nov 2023 13:49

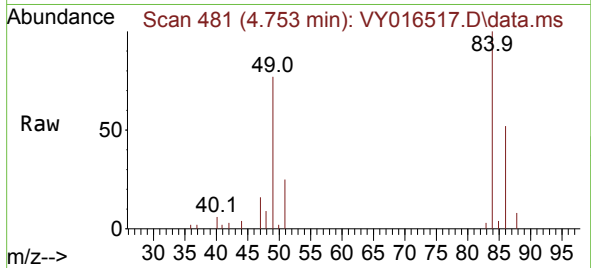
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



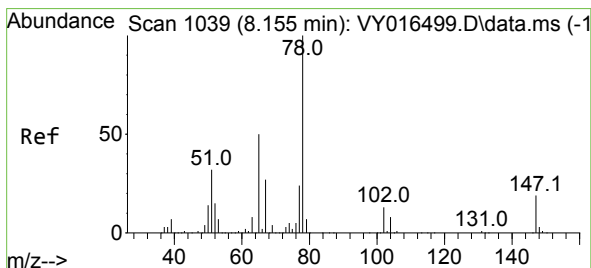
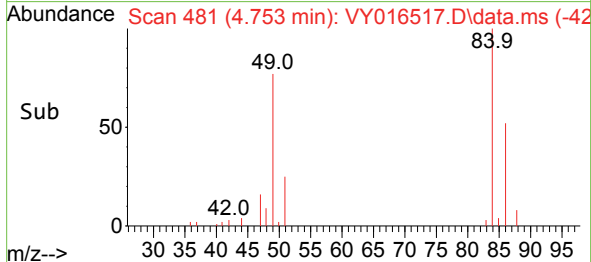
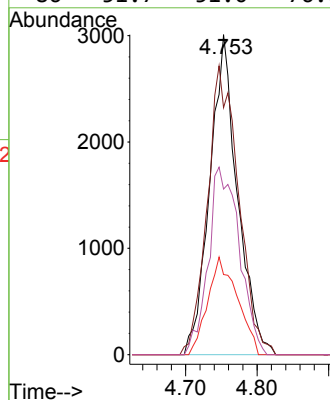


#20
Methylene Chloride
Concen: 4.021 ug/l
RT: 4.753 min Scan# 41
Delta R.T. 0.024 min
Lab File: VY016517.D
Acq: 28 Nov 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :

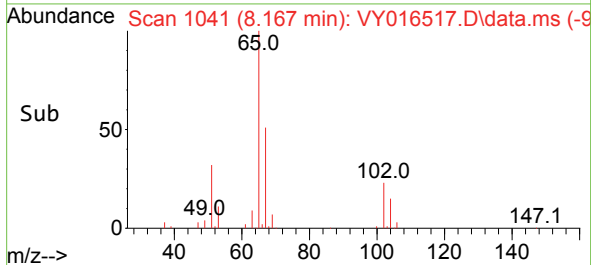
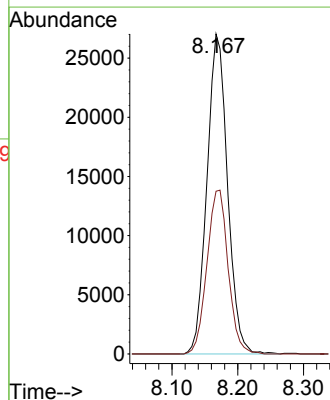
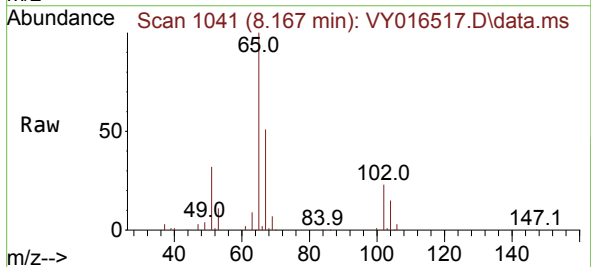


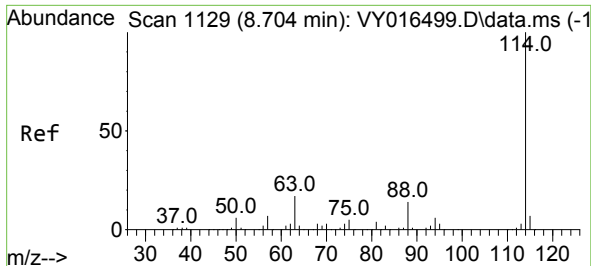
Tgt Ion: 84 Resp: 8087
Ion Ratio Lower Upper
84 100
49 77.2 106.9 160.3#
51 25.1 33.2 49.8#
86 51.7 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 61.500 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016517.D
Acq: 28 Nov 2023 13:49

Tgt Ion: 65 Resp: 58934
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016517.D

Acq: 28 Nov 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

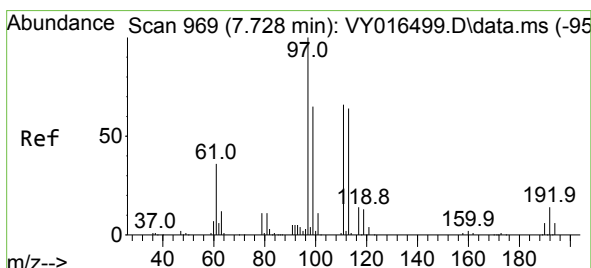
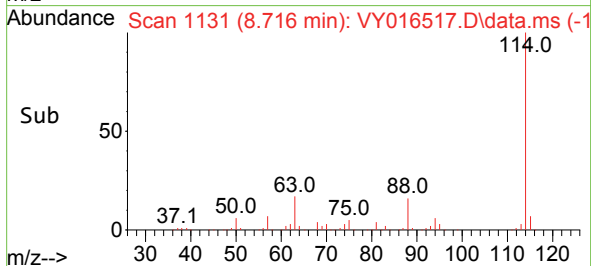
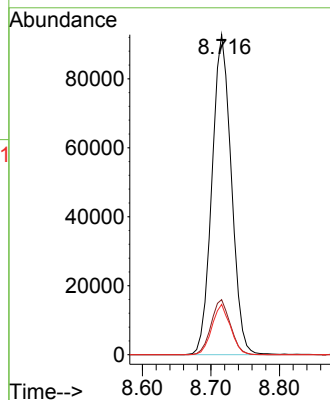
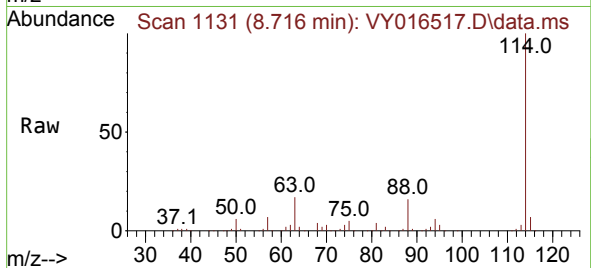
Tgt Ion:114 Resp: 182408

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.406 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY016517.D

Acq: 28 Nov 2023 13:49

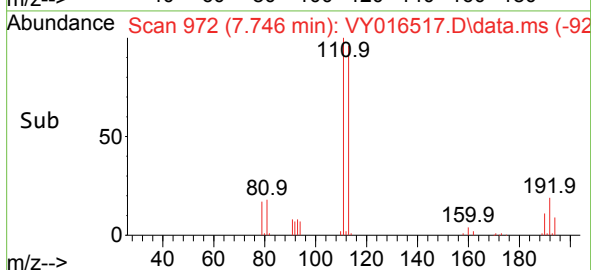
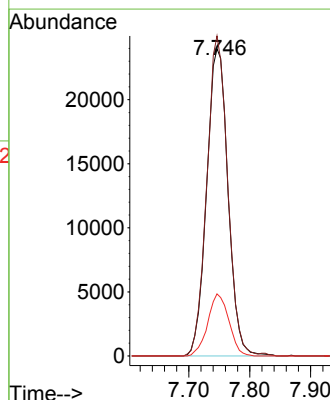
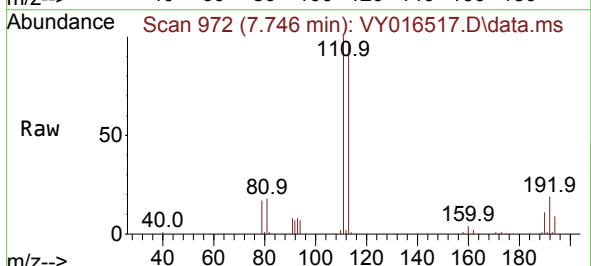
Tgt Ion:113 Resp: 58448

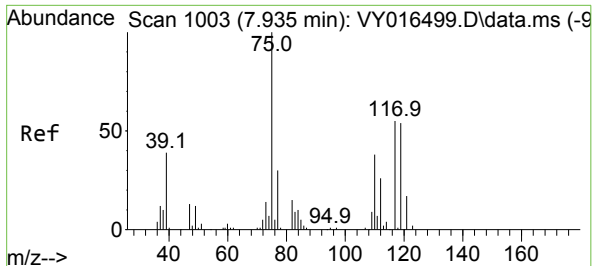
Ion Ratio Lower Upper

113 100

111 101.3 81.3 121.9

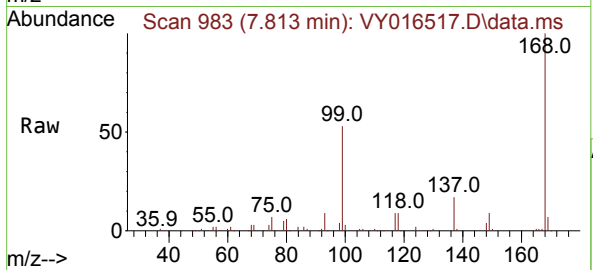
192 20.0 16.9 25.3



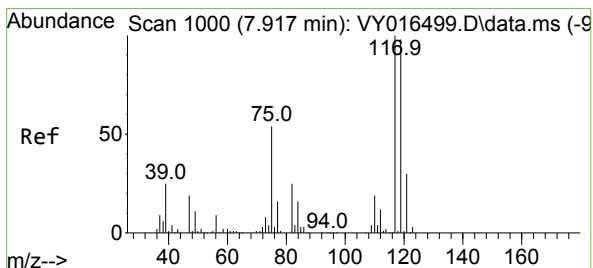
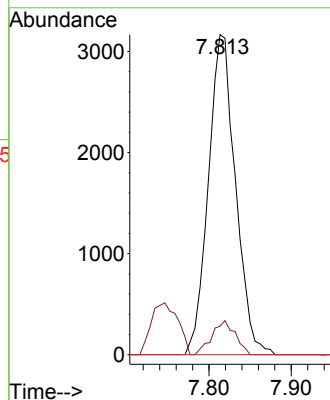
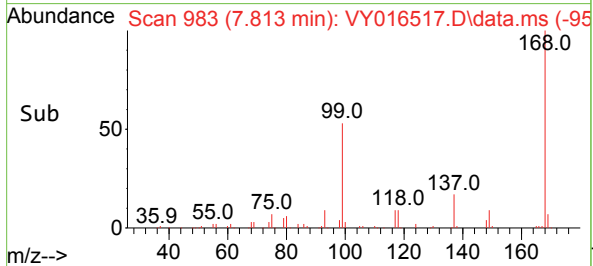


#36
1,1-Dichloropropene
Concen: 4.039 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016517.D
Acq: 28 Nov 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :

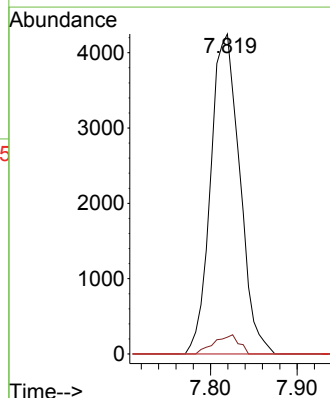
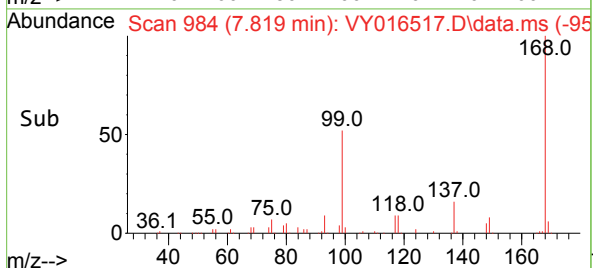
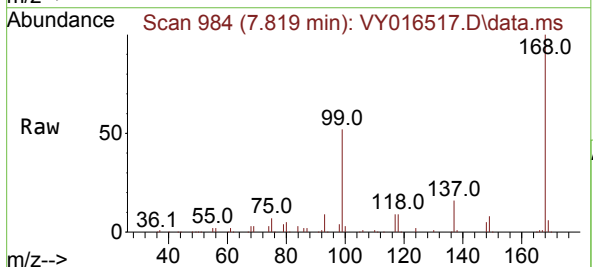


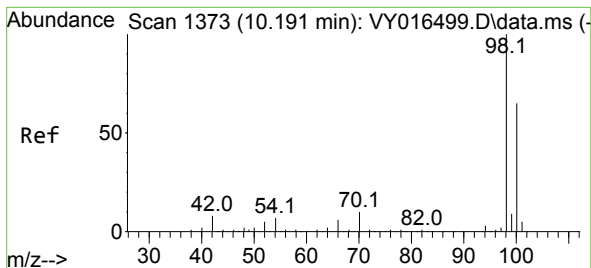
Tgt Ion: 75 Resp: 7267
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.098 min
Lab File: VY016517.D
Acq: 28 Nov 2023 13:49

Tgt Ion: 117 Resp: 9913
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.807 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016517.D

Acq: 28 Nov 2023 13:49

Instrument :

MSVOA_Y

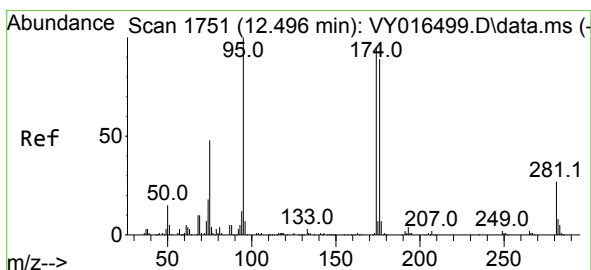
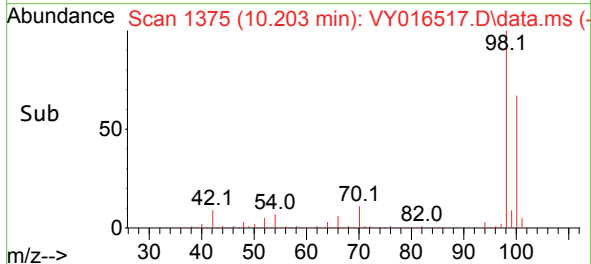
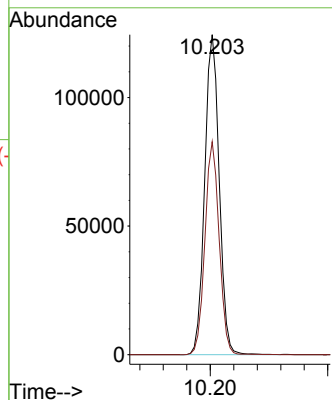
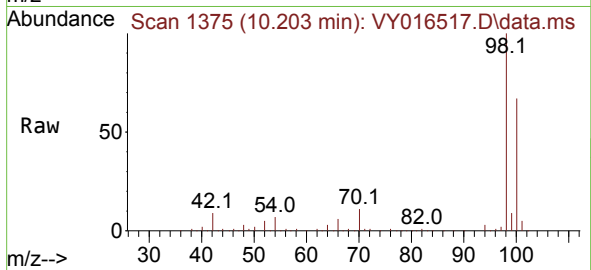
ClientSampleId :

Tgt Ion: 98 Resp: 213490

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.886 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016517.D

Acq: 28 Nov 2023 13:49

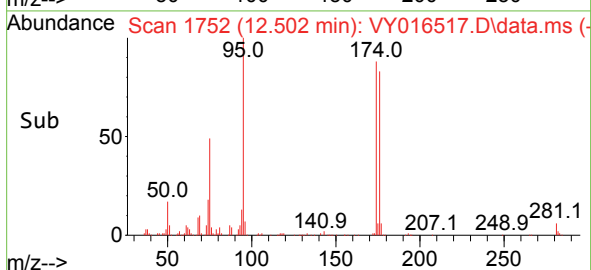
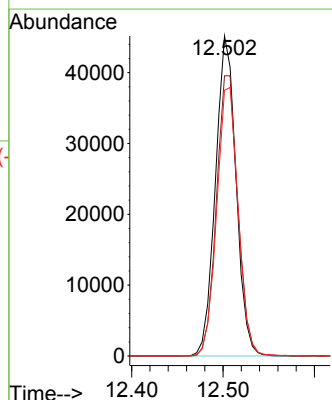
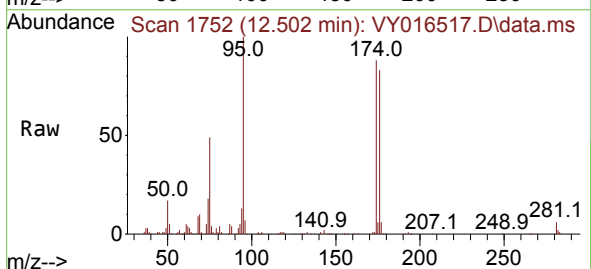
Tgt Ion: 95 Resp: 70811

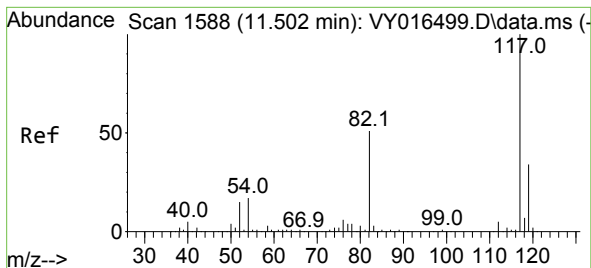
Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.2

176 87.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016517.D

Acq: 28 Nov 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

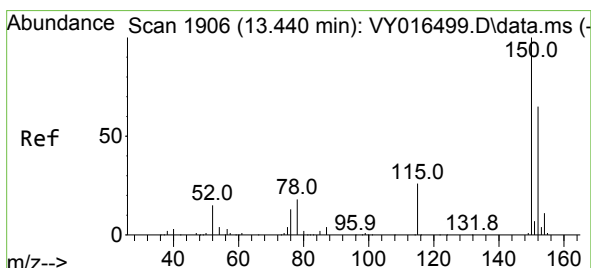
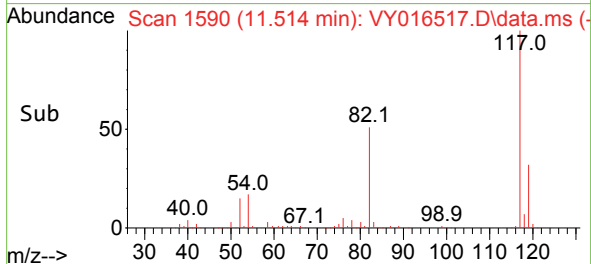
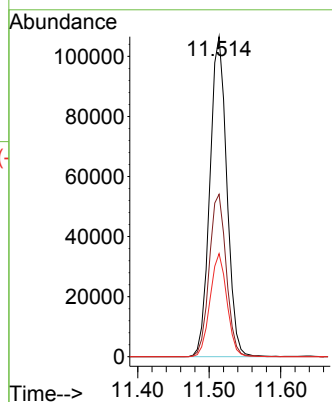
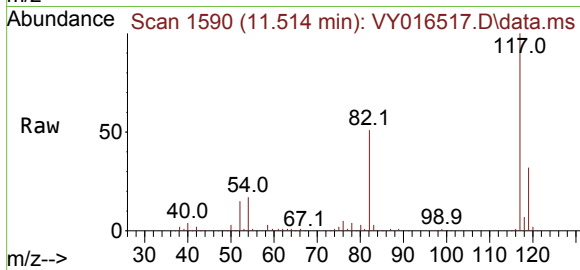
Tgt Ion:117 Resp: 175564

Ion Ratio Lower Upper

117 100

82 50.8 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016517.D

Acq: 28 Nov 2023 13:49

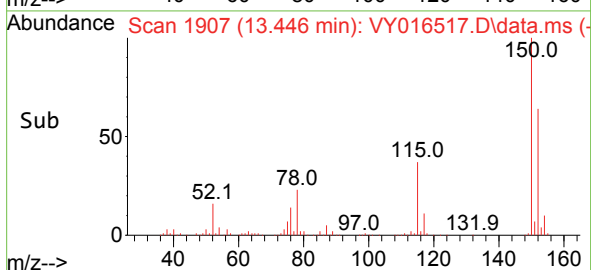
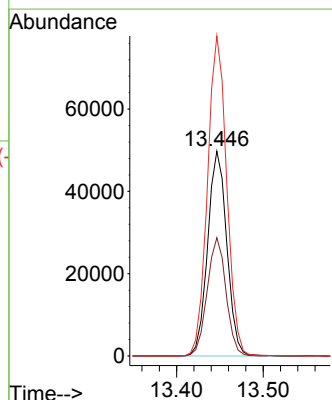
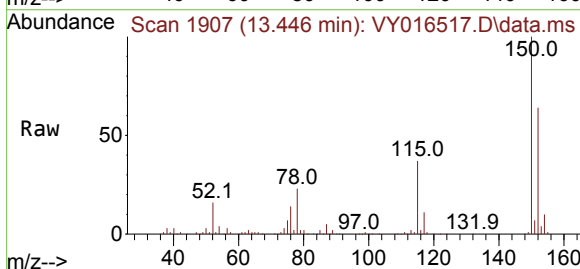
Tgt Ion:152 Resp: 76439

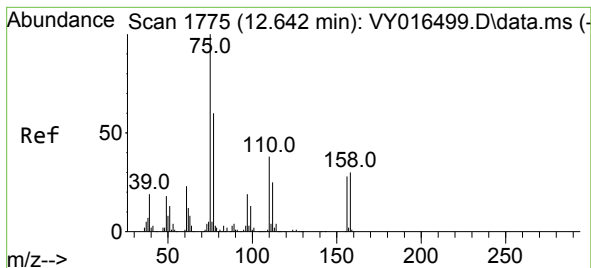
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 156.9 0.0 348.8

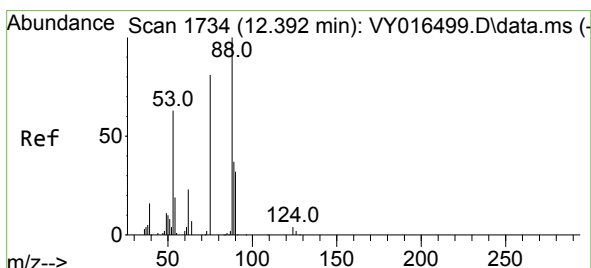
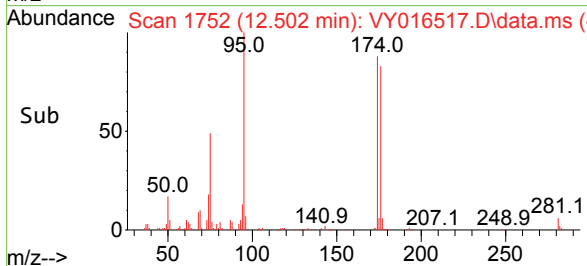
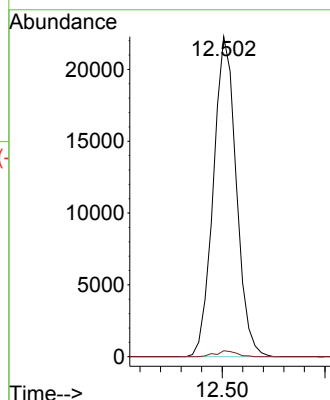
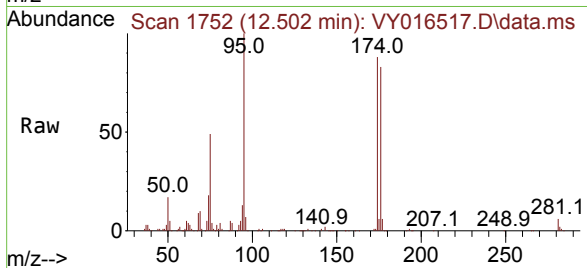




#76
1,2,3-Trichloropropane
Concen: 47.059 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016517.D
Acq: 28 Nov 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34507
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.145 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016517.D
Acq: 28 Nov 2023 13:49

Tgt Ion: 75 Resp: 34507
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

