

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017009.D
 Acq On : 17 Jan 2024 14:38
 Operator : SY/MD
 Sample : P1117-05
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-TOTAL-VOC-GRAB-1

Quant Time: Jan 17 15:16:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

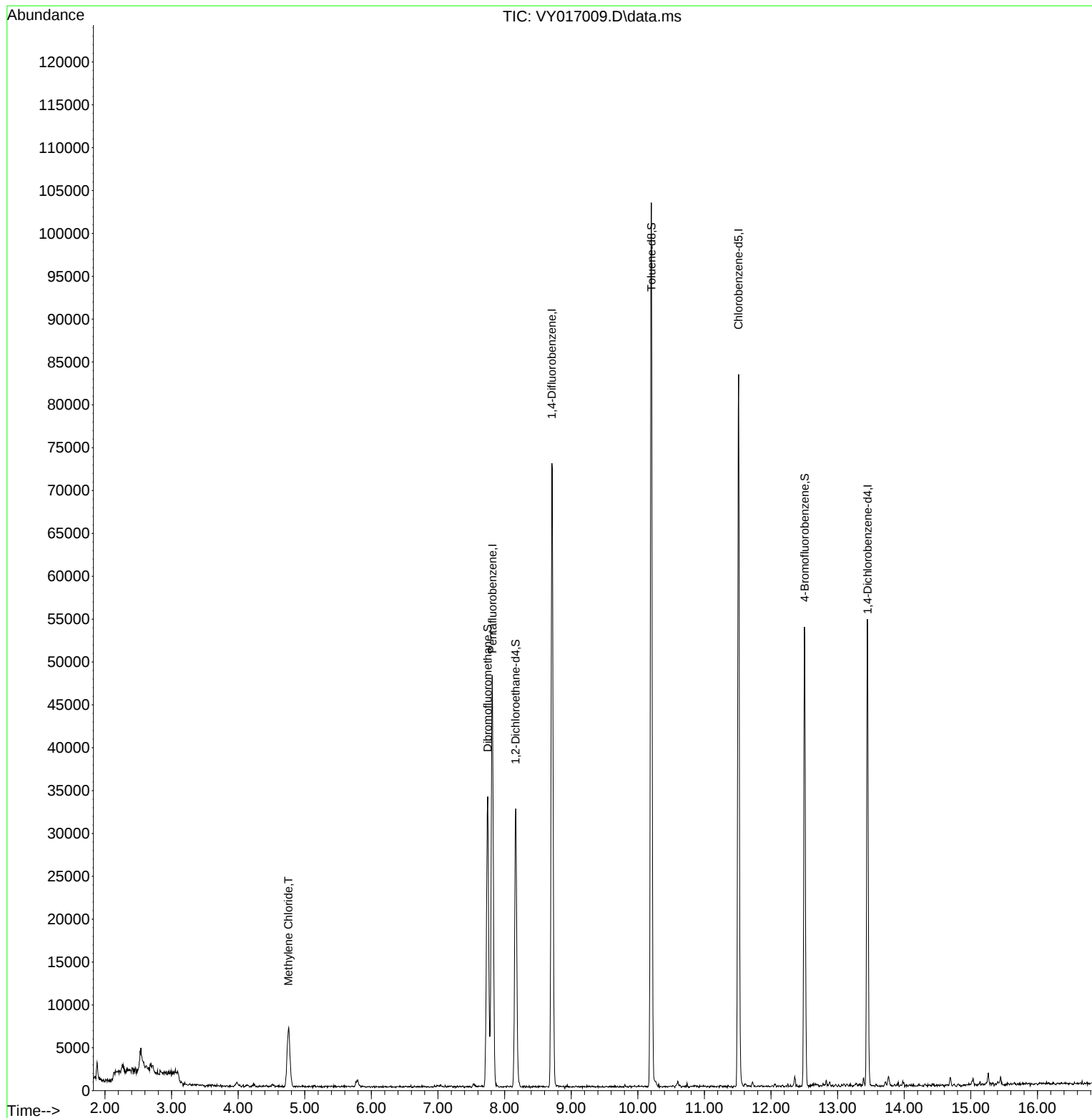
Internal Standards						
1) Pentafluorobenzene	7.819	168	36782	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	63679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	47522	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	13664	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	25205	69.332	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.660%	
35) Dibromofluoromethane	7.746	113	24365	60.044	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.080%	
50) Toluene-d8	10.203	98	68705	49.169	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.508	95	17617	37.368	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.740%	
Target Compounds						
20) Methylene Chloride	4.753	84	5446	5.123	ug/l	Qvalue 96

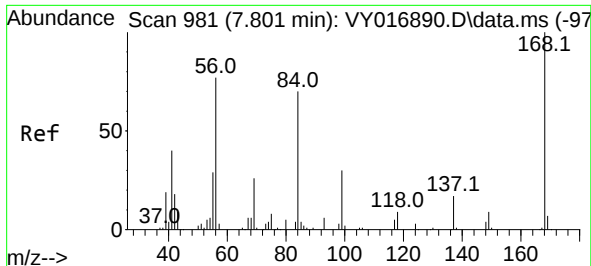
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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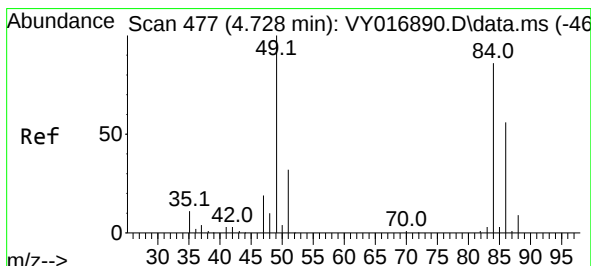
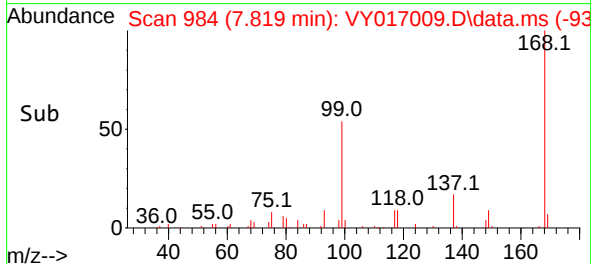
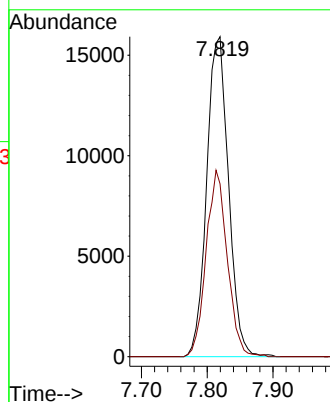
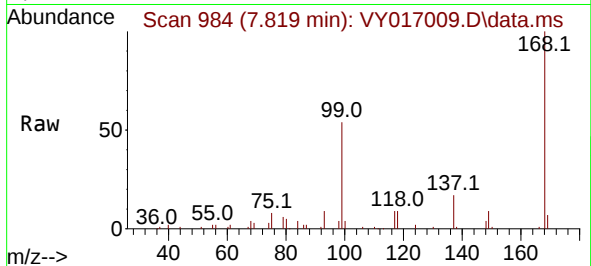




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

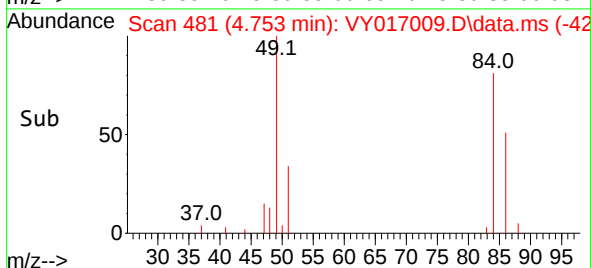
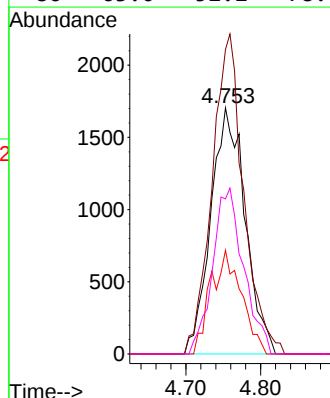
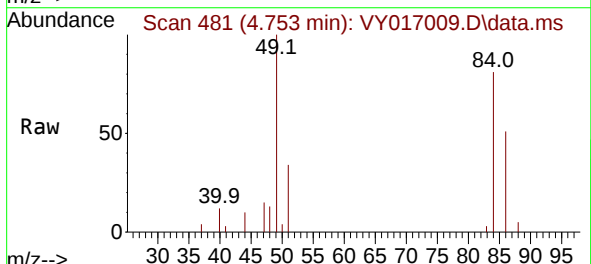
Instrument :
MSVOA_Y
ClientSampleId :
S1-TOTAL-VOC-GRAB-1

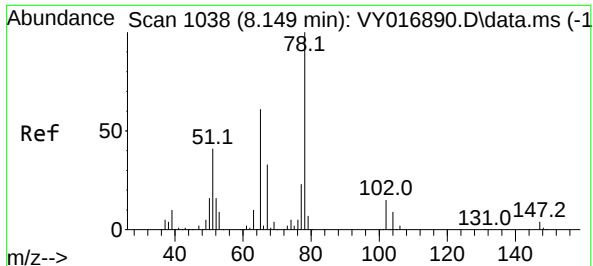
Tgt Ion:168 Resp: 36782
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#20
Methylene Chloride
Concen: 5.123 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion: 84 Resp: 5446
Ion Ratio Lower Upper
84 100
49 123.8 95.2 142.8
51 42.1 29.9 44.9
86 63.0 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 69.332 ug/l

RT: 8.167 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017009.D

Acq: 17 Jan 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

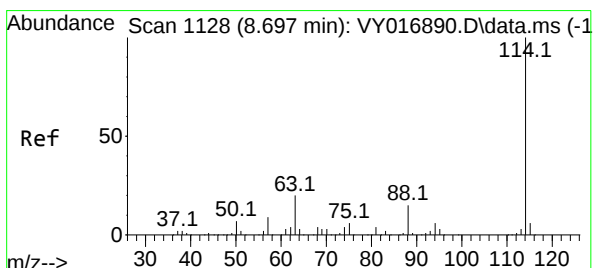
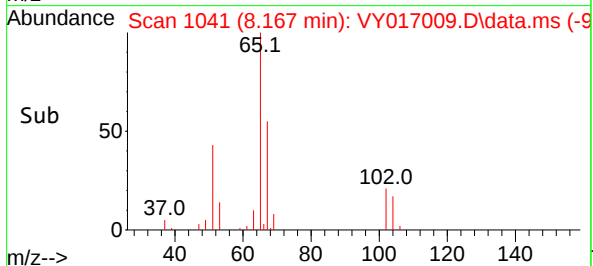
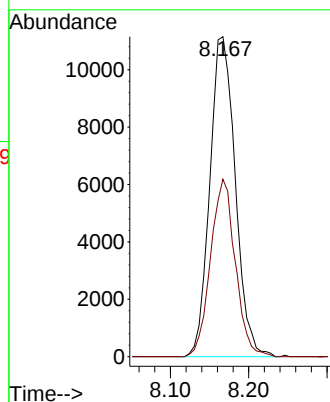
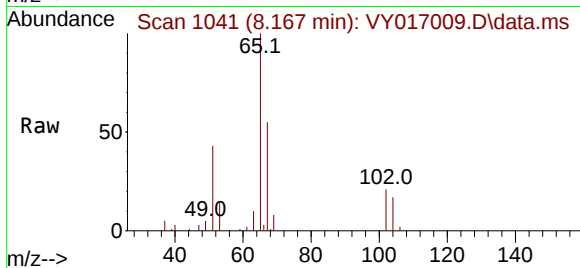
S1-TOTAL-VOC-GRAB-1

Tgt Ion: 65 Resp: 25205

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY017009.D

Acq: 17 Jan 2024 14:38

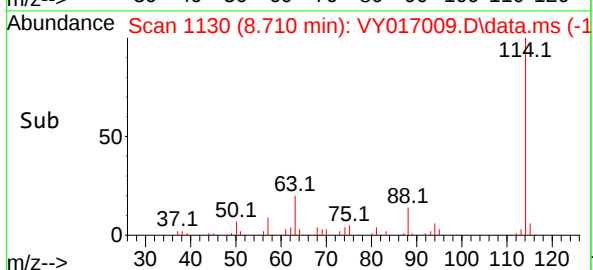
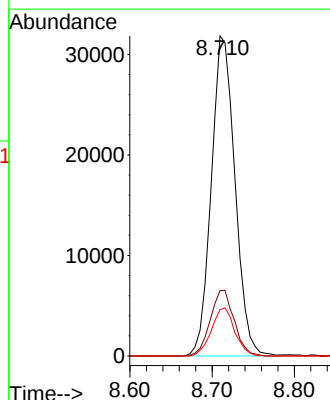
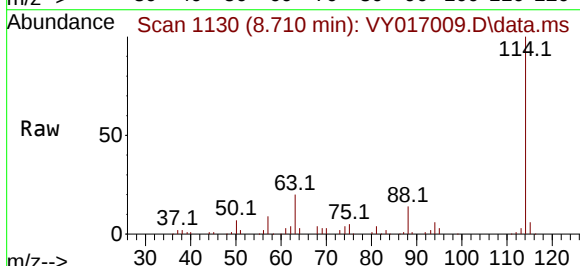
Tgt Ion: 114 Resp: 63679

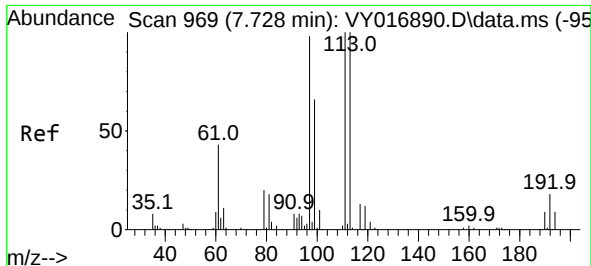
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.5 0.0 29.0

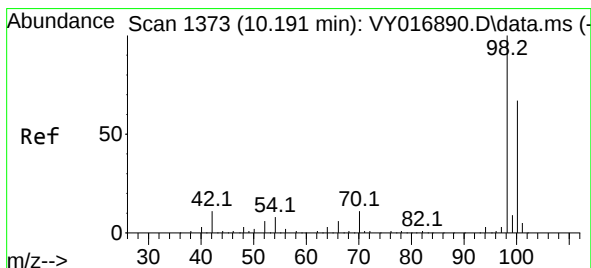
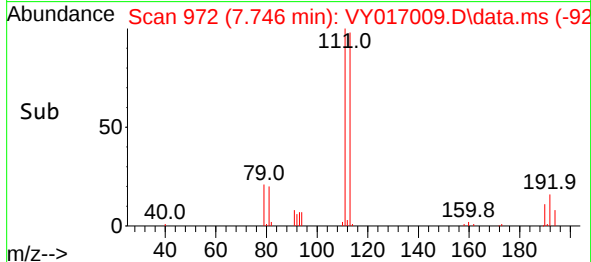
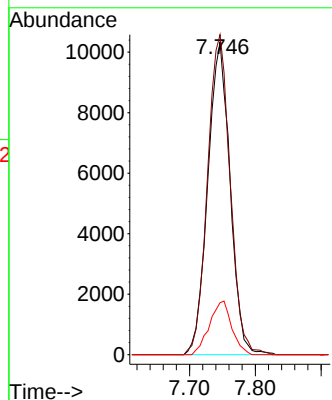
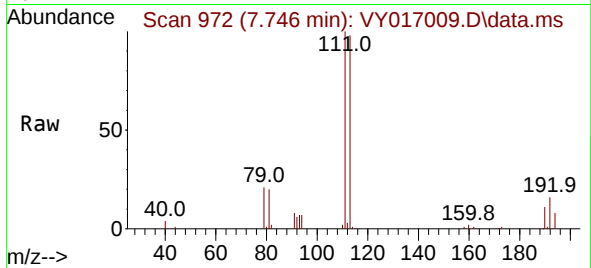




#35
Dibromofluoromethane
Concen: 60.044 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

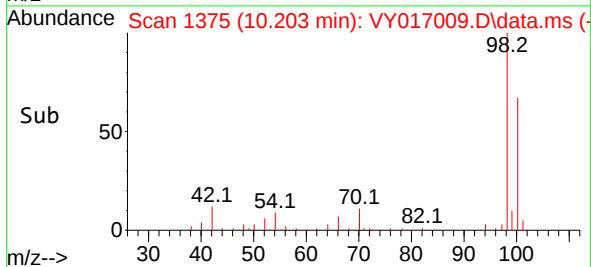
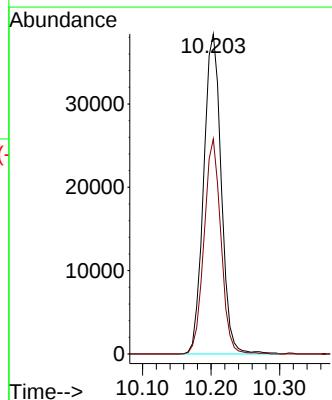
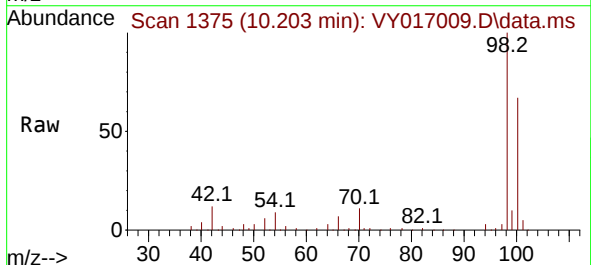
Instrument :
MSVOA_Y
ClientSampleId :
S1-TOTAL-VOC-GRAB-1

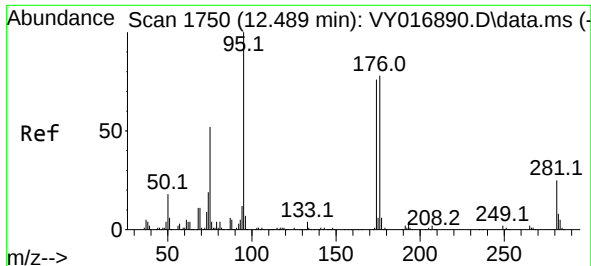
Tgt Ion:113 Resp: 24365
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.2 14.5 21.7



#50
Toluene-d8
Concen: 49.169 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion: 98 Resp: 68705
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 37.368 ug/l

RT: 12.508 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017009.D

Acq: 17 Jan 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

S1-TOTAL-VOC-GRAB-1

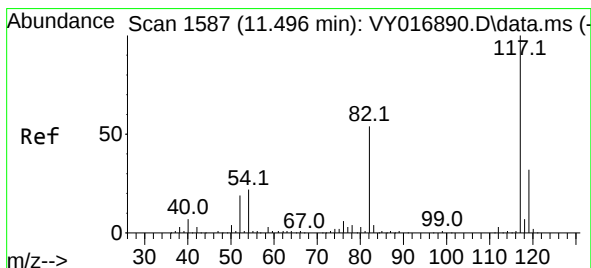
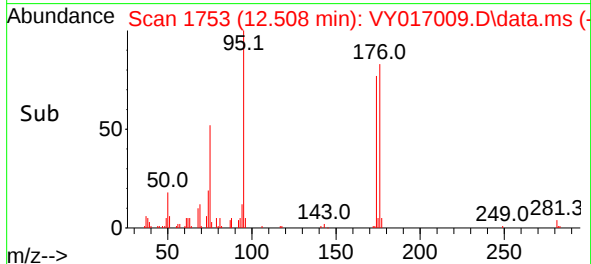
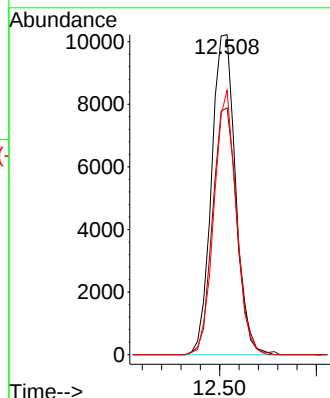
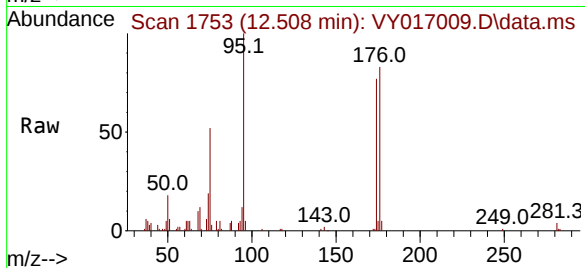
Tgt Ion: 95 Resp: 17617

Ion Ratio Lower Upper

95 100

174 78.1 0.0 160.0

176 76.5 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.012 min

Lab File: VY017009.D

Acq: 17 Jan 2024 14:38

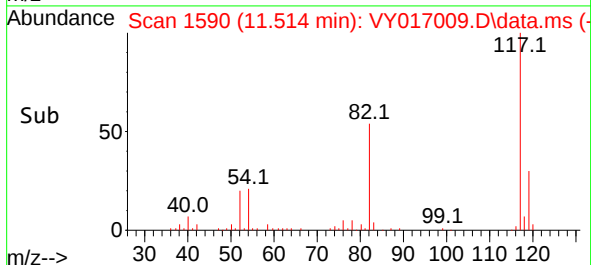
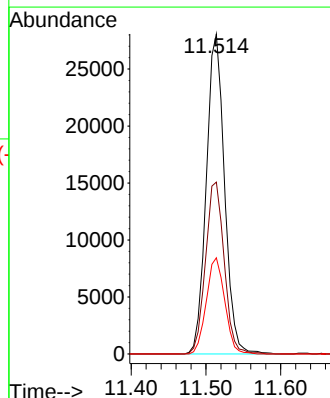
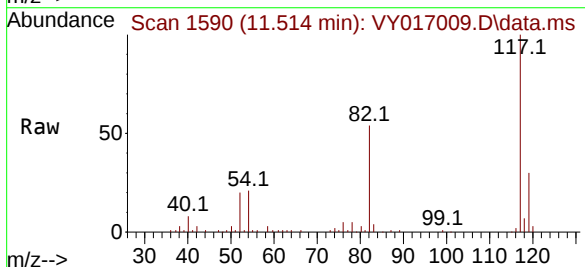
Tgt Ion: 117 Resp: 47522

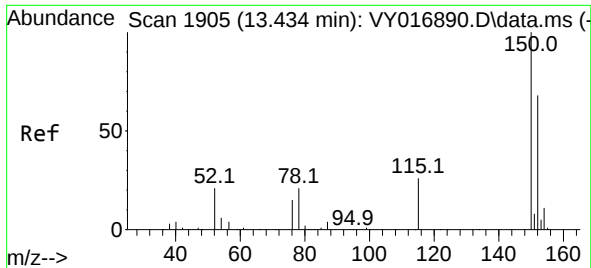
Ion Ratio Lower Upper

117 100

82 53.7 43.8 65.8

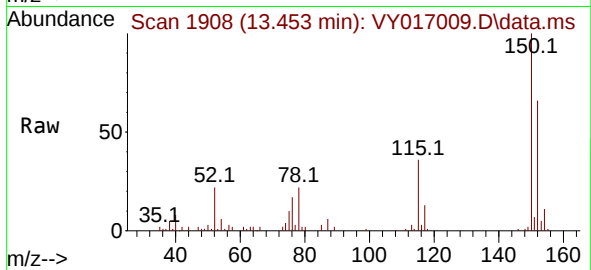
119 30.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.019 min
 Lab File: VY017009.D
 Acq: 17 Jan 2024 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-TOTAL-VOC-GRAB-1



Tgt Ion:152 Resp: 13664
 Ion Ratio Lower Upper
 152 100
 115 57.5 30.0 90.0
 150 161.9 0.0 344.6

