

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017016.D
 Acq On : 17 Jan 2024 17:19
 Operator : SY/MD
 Sample : P1117-11
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2-TOTAL-VOC-GRAB-1

Quant Time: Jan 17 17:27:28 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	97872	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	212378	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	199902	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	77849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	47218	48.813	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.752	113	50825	37.555	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.100%
50) Toluene-d8	10.203	98	187646	40.265	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.520%
62) 4-Bromofluorobenzene	12.501	95	59038	37.548	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.100%

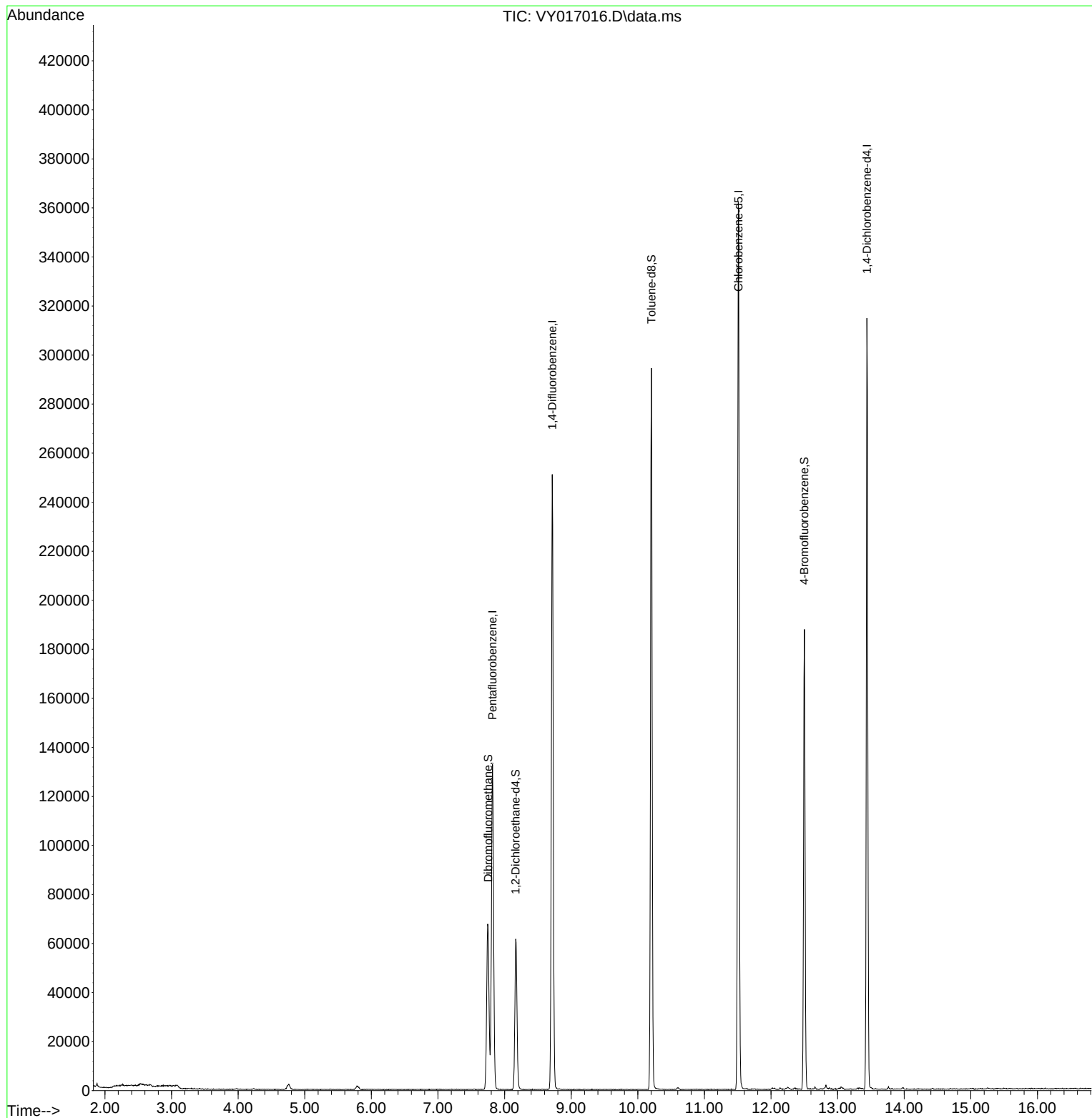
Target Compounds	Qvalue

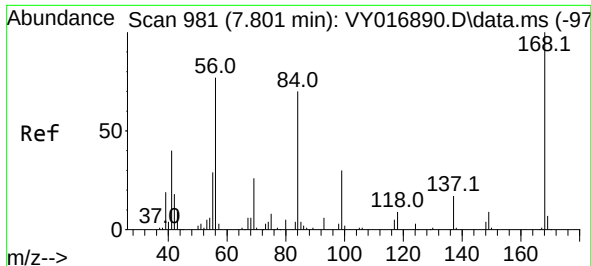
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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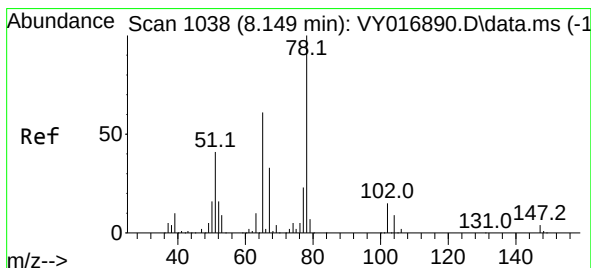
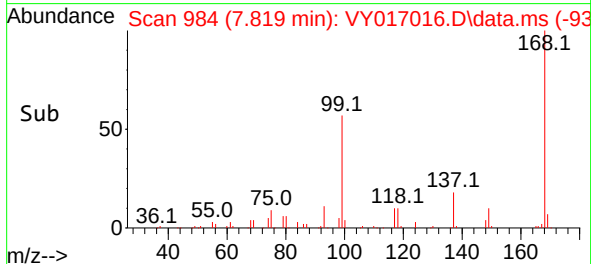
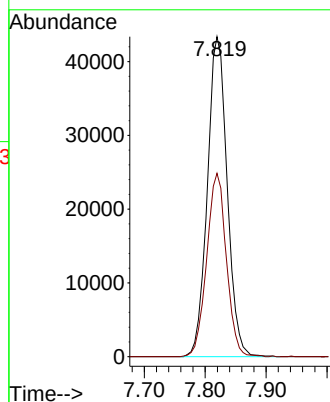
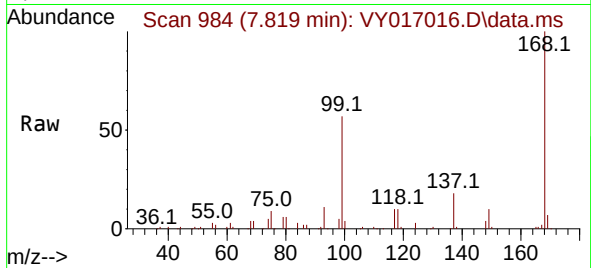




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

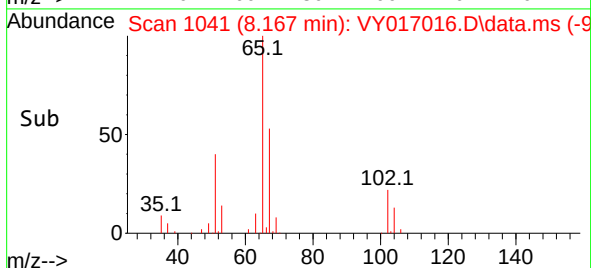
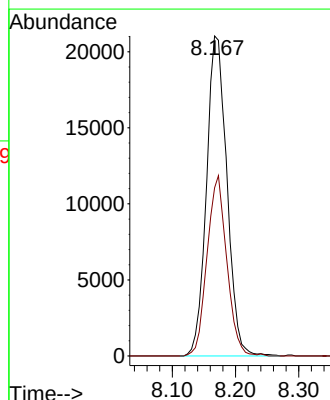
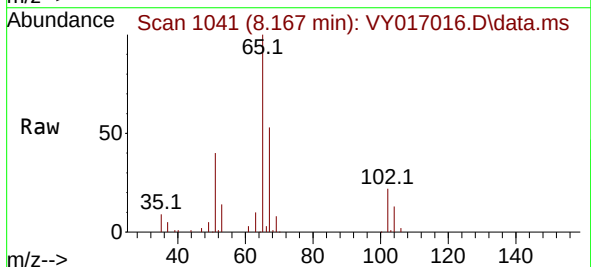
Instrument :
MSVOA_Y
ClientSampleId :
S2-TOTAL-VOC-GRAB-1

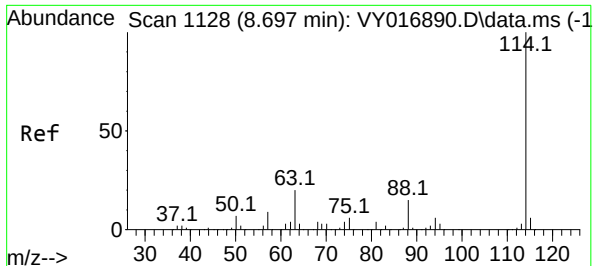
Tgt Ion:168 Resp: 97872
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.813 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Tgt Ion: 65 Resp: 47218
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017016.D

Acq: 17 Jan 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

S2-TOTAL-VOC-GRAB-1

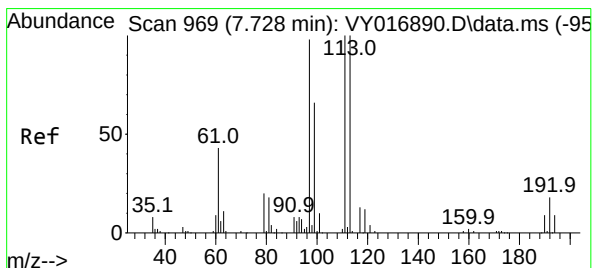
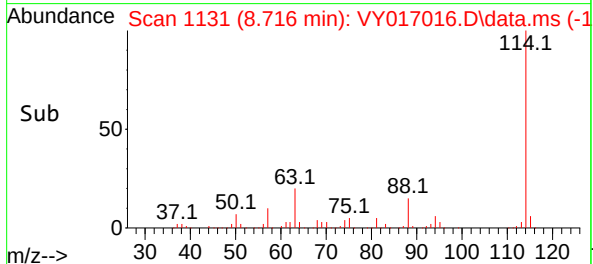
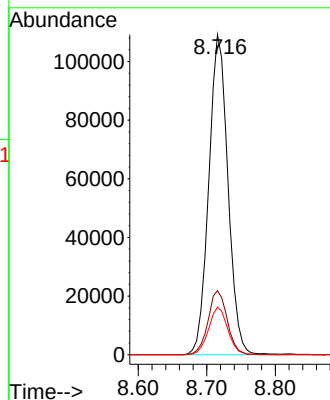
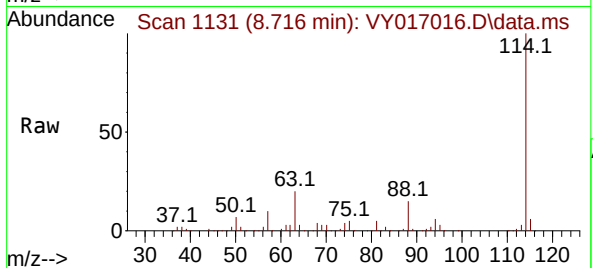
Tgt Ion:114 Resp: 212378

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.555 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017016.D

Acq: 17 Jan 2024 17:19

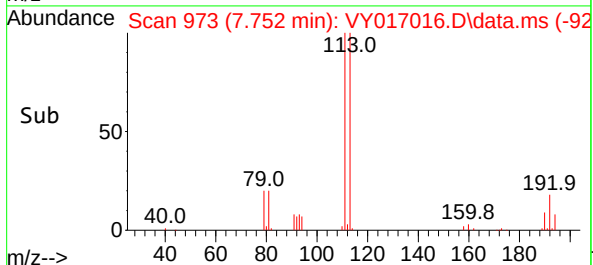
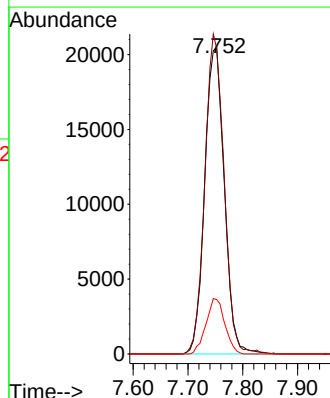
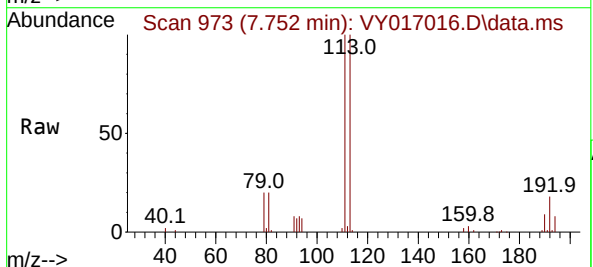
Tgt Ion:113 Resp: 50825

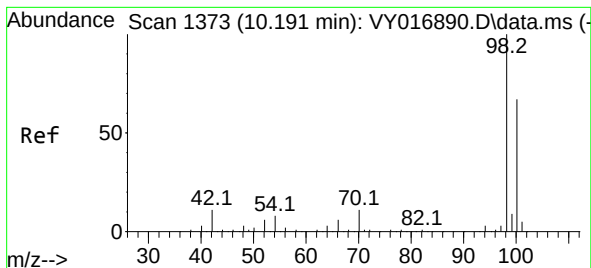
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.3 14.5 21.7





#50

Toluene-d8

Concen: 40.265 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017016.D

Acq: 17 Jan 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

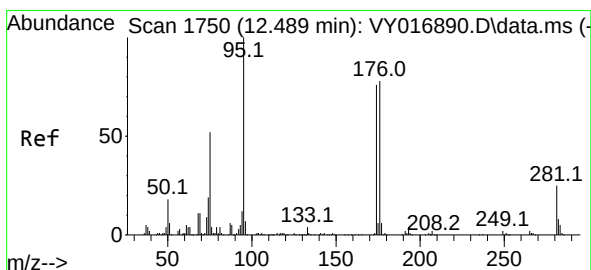
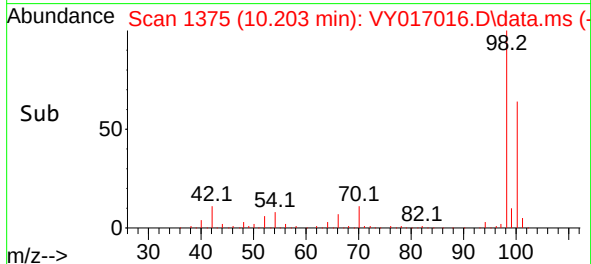
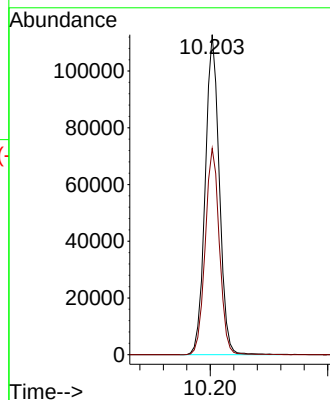
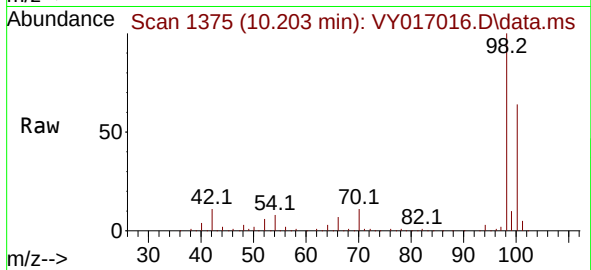
S2-TOTAL-VOC-GRAB-1

Tgt Ion: 98 Resp: 187646

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.548 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017016.D

Acq: 17 Jan 2024 17:19

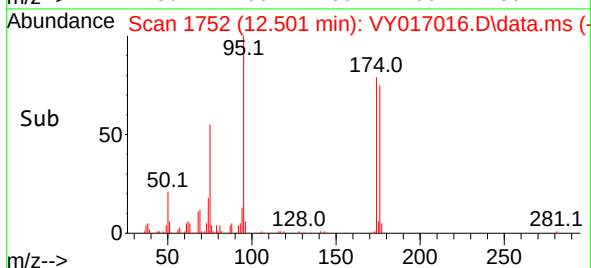
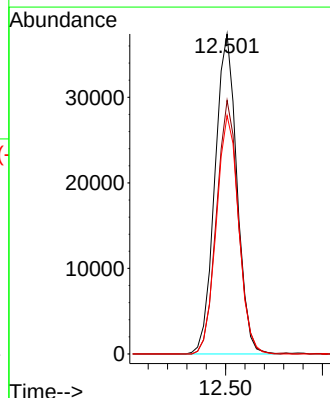
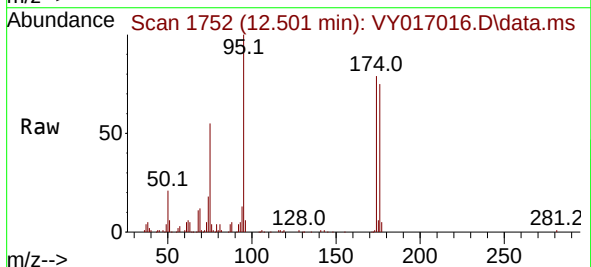
Tgt Ion: 95 Resp: 59038

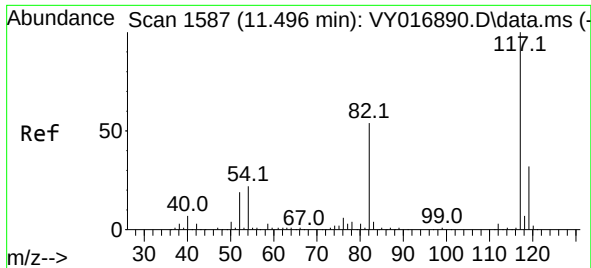
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.0

176 75.5 0.0 151.8

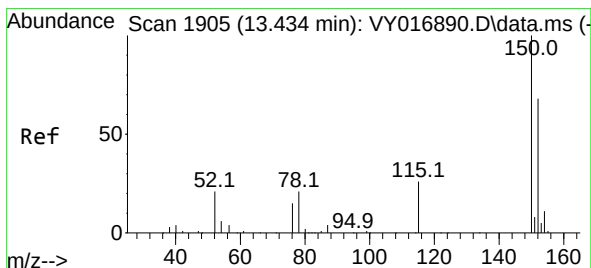
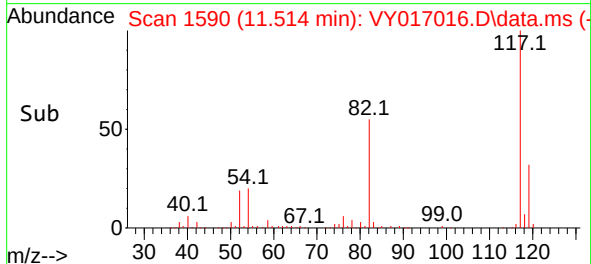
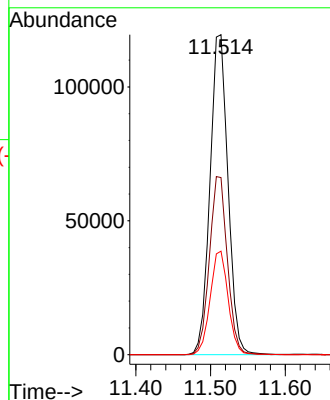
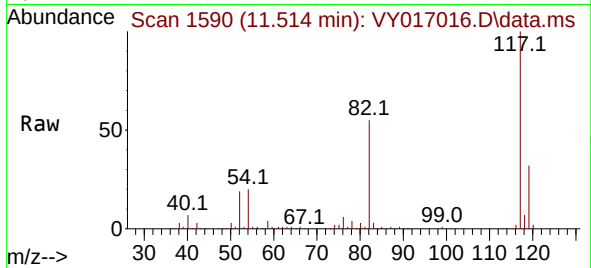




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Instrument :
MSVOA_Y
ClientSampleId :
S2-TOTAL-VOC-GRAB-1

Tgt Ion:117 Resp: 199902
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Tgt Ion:152 Resp: 77849
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 153.4 0.0 344.6

