

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017010.D
 Acq On : 17 Jan 2024 15:00
 Operator : SY/MD
 Sample : P1117-11
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 17 15:17:05 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	7.813	168	9649	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	13550	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	8878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	2687	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	5253	55.082	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.160%
35) Dibromofluoromethane	7.746	113	5261	60.930	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.860%
50) Toluene-d8	10.203	98	14053	47.264	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.501	95	3337	33.265	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.520%

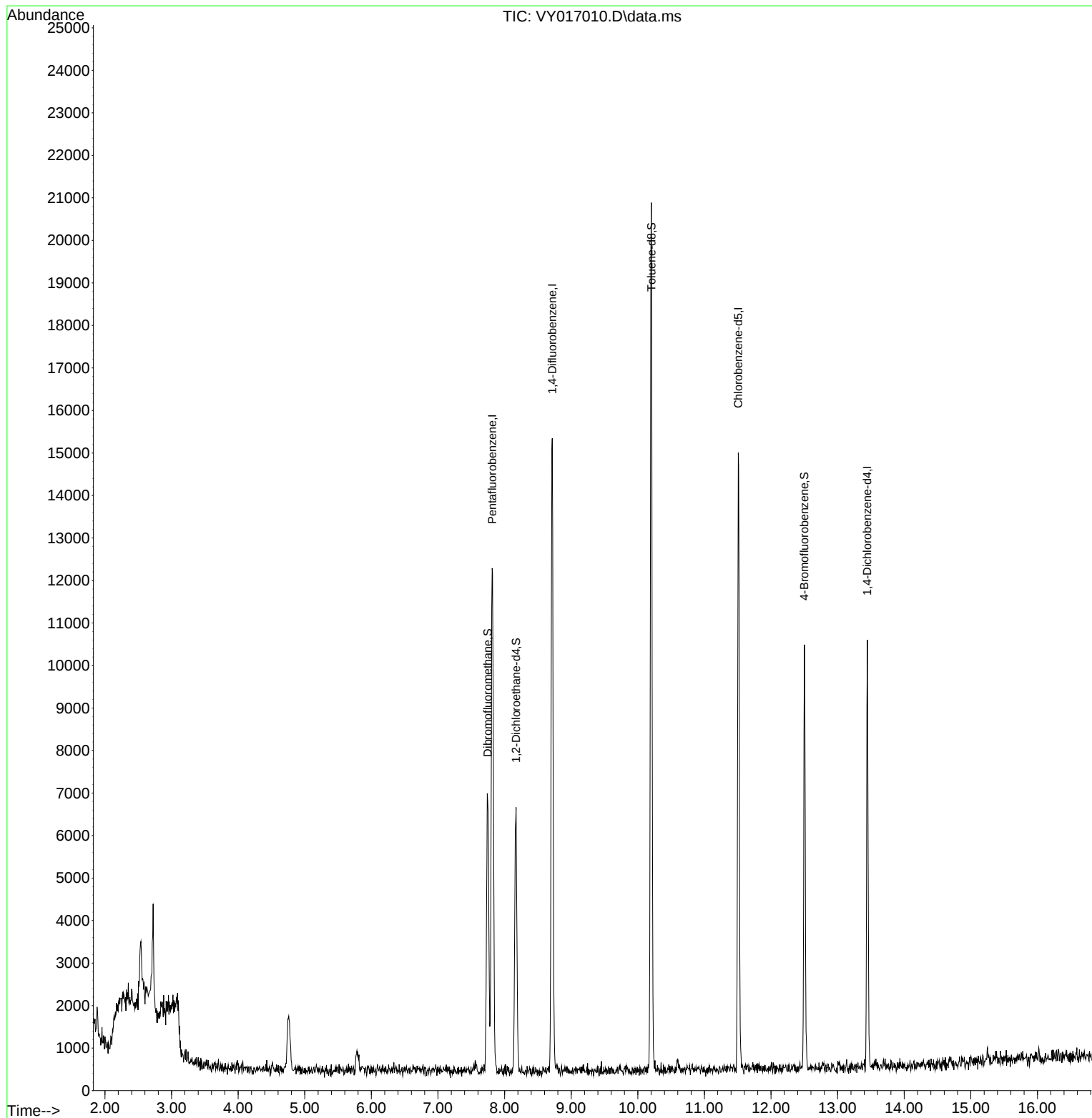
Target Compounds	Qvalue

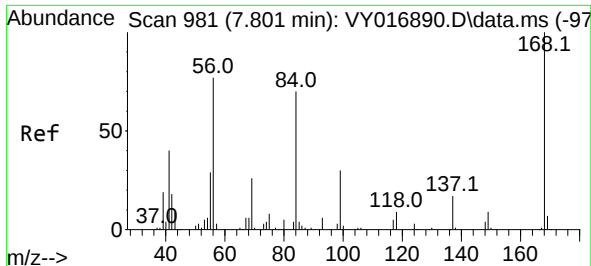
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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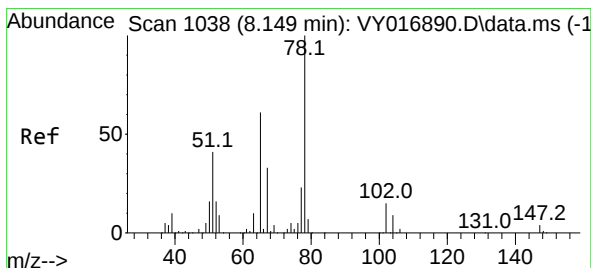
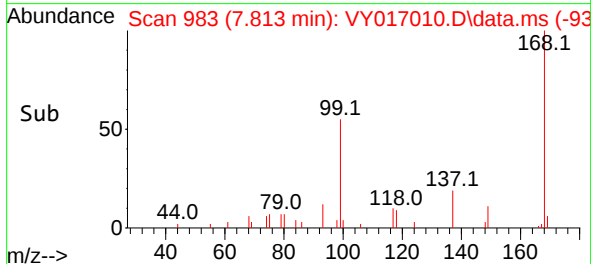
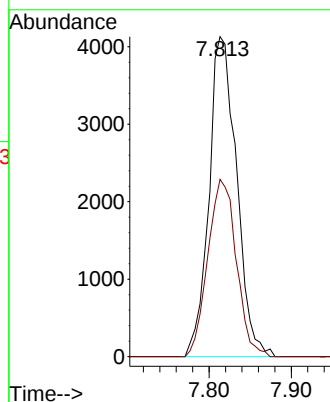
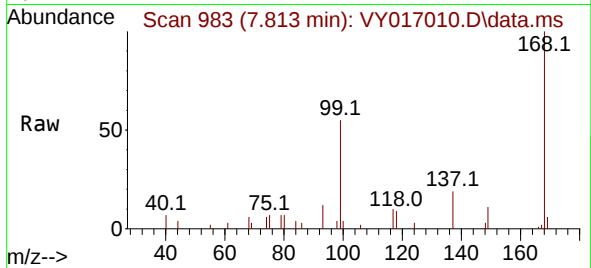




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

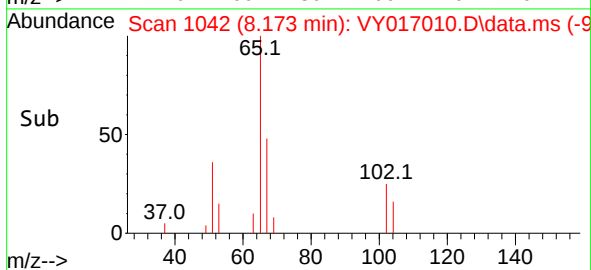
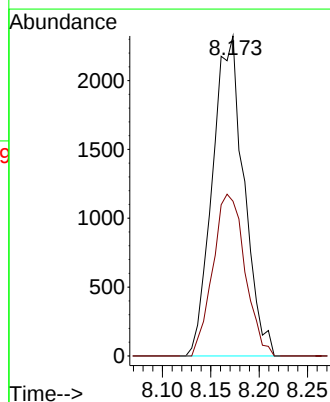
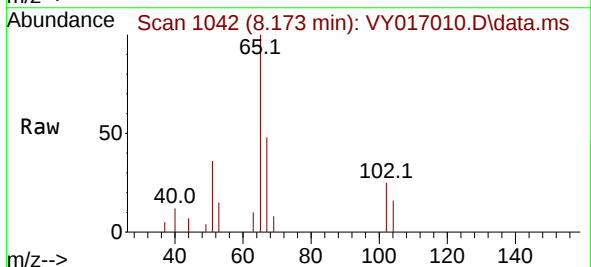
Instrument :
MSVOA_Y
ClientSampleId :
S2-TOTAL-VOC-GRAB-1

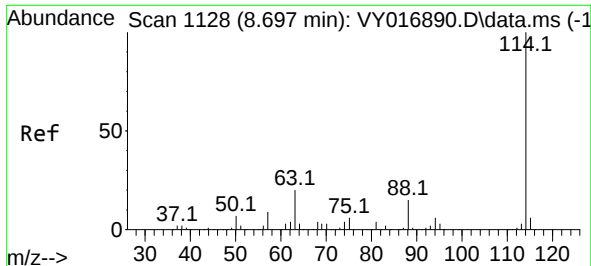
Tgt Ion:168 Resp: 9649
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.082 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Tgt Ion: 65 Resp: 5253
Ion Ratio Lower Upper
65 100
67 51.7 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: VY017010.D

Acq: 17 Jan 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

S2-TOTAL-VOC-GRAB-1

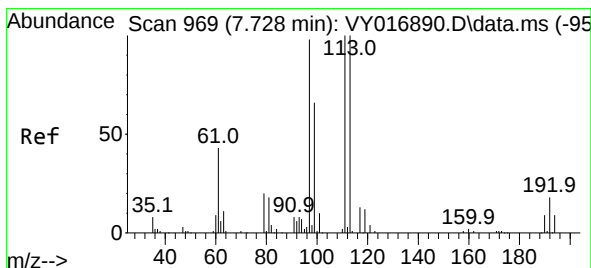
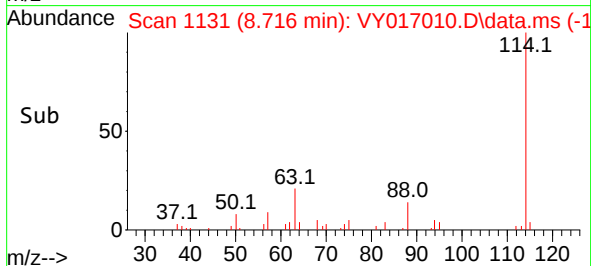
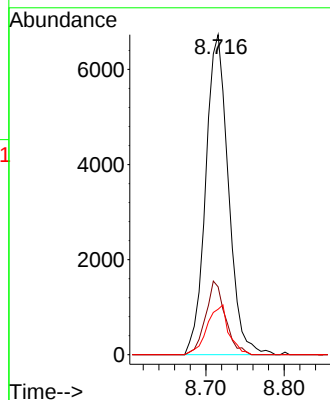
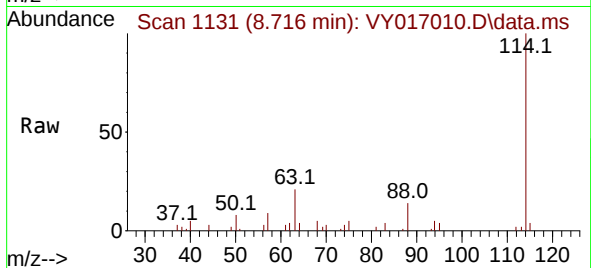
Tgt Ion:114 Resp: 13550

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 60.930 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017010.D

Acq: 17 Jan 2024 15:00

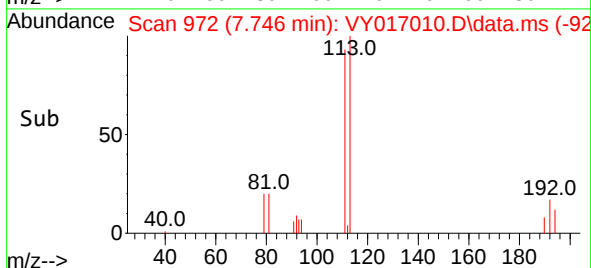
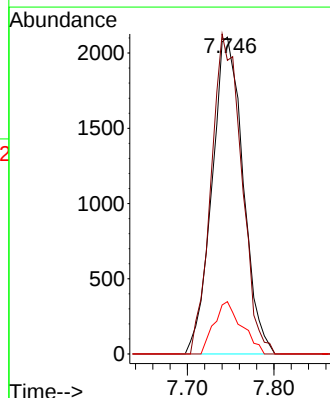
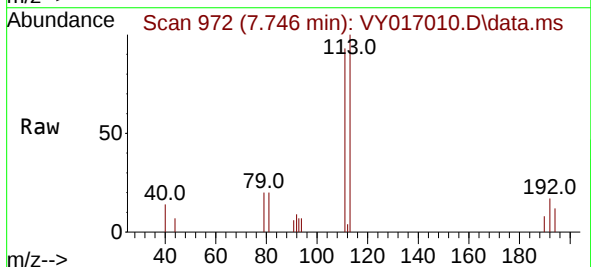
Tgt Ion:113 Resp: 5261

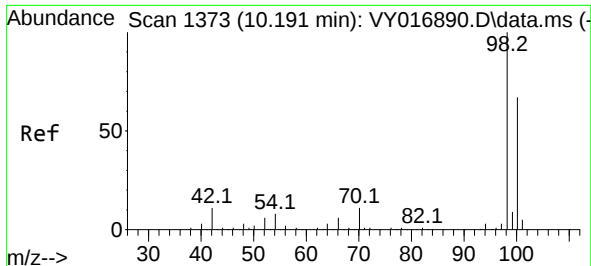
Ion Ratio Lower Upper

113 100

111 98.7 83.8 125.6

192 14.7 14.5 21.7

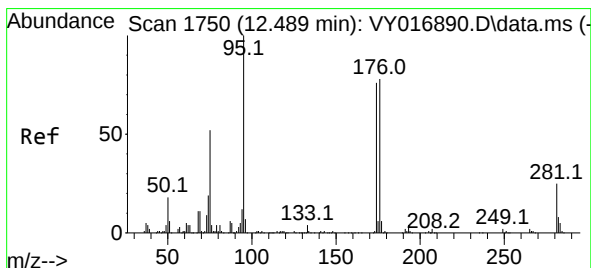
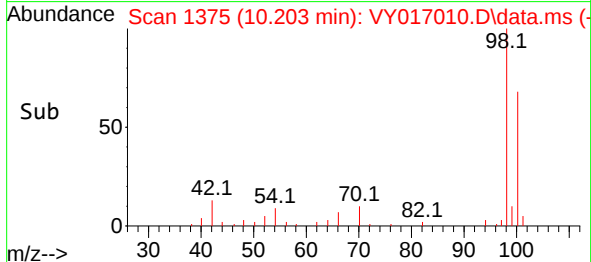
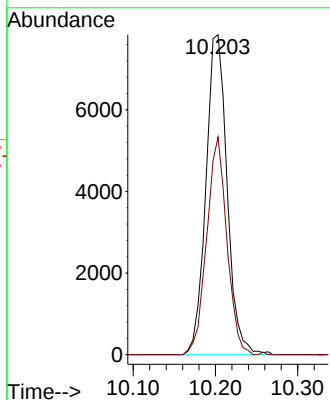
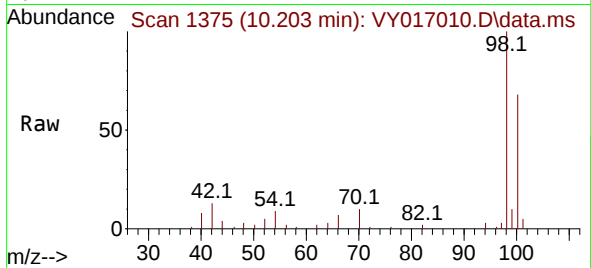




#50
Toluene-d8
Concen: 47.264 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

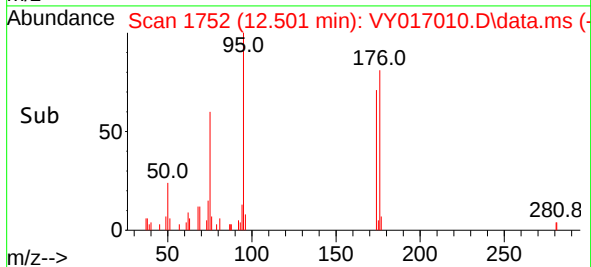
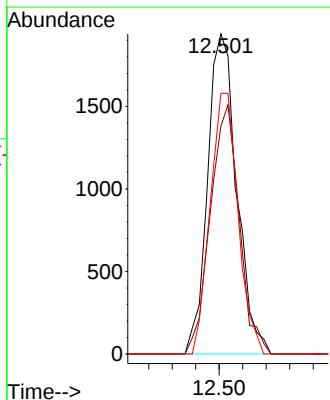
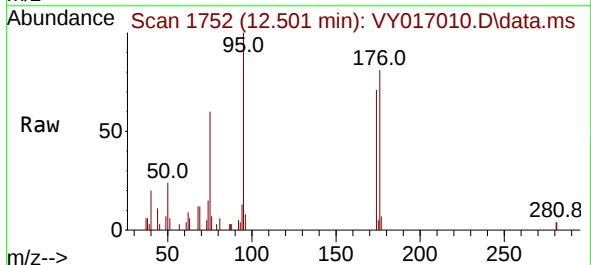
Instrument :
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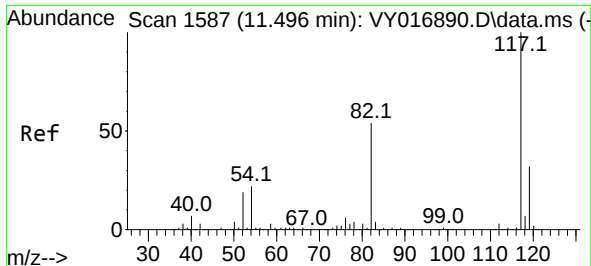
Tgt Ion: 98 Resp: 14053
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 33.265 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Tgt Ion: 95 Resp: 3337
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.0
176 78.1 0.0 151.8

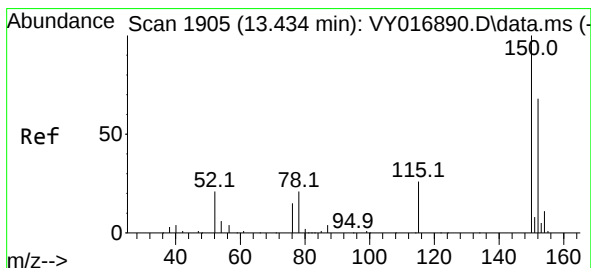
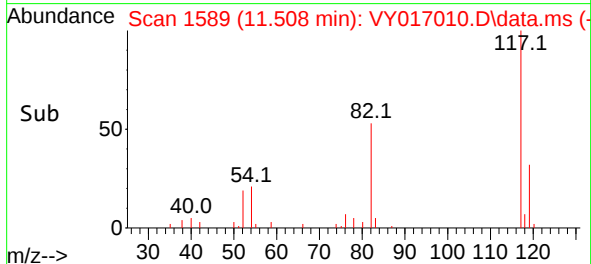
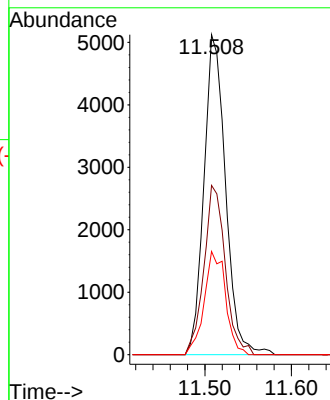
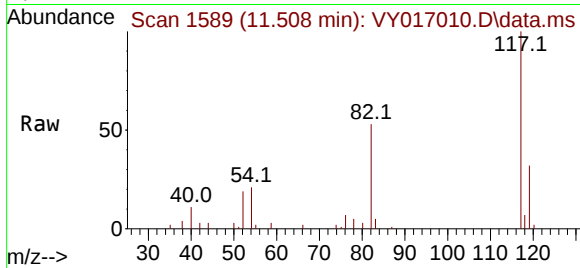




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

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

Tgt Ion:117	Resp:	8878
Ion	Ratio	Lower Upper
117	100	
82	52.9	43.8 65.8
119	32.3	26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Tgt Ion:152	Resp:	2687
Ion	Ratio	Lower Upper
152	100	
115	59.9	30.0 90.0
150	156.0	0.0 344.6

