

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017015.D
 Acq On : 17 Jan 2024 16:56
 Operator : SY/MD
 Sample : P1117-12
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2-TOTAL-VOC-GRAB-8

Quant Time: Jan 17 17:08:30 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	100727	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	199443	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	171015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	58230	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	35620	35.779	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.560%
35) Dibromofluoromethane	7.746	113	42053	33.089	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.180%
50) Toluene-d8	10.203	98	171801	39.256	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.520%
62) 4-Bromofluorobenzene	12.502	95	46272	31.338	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.680%

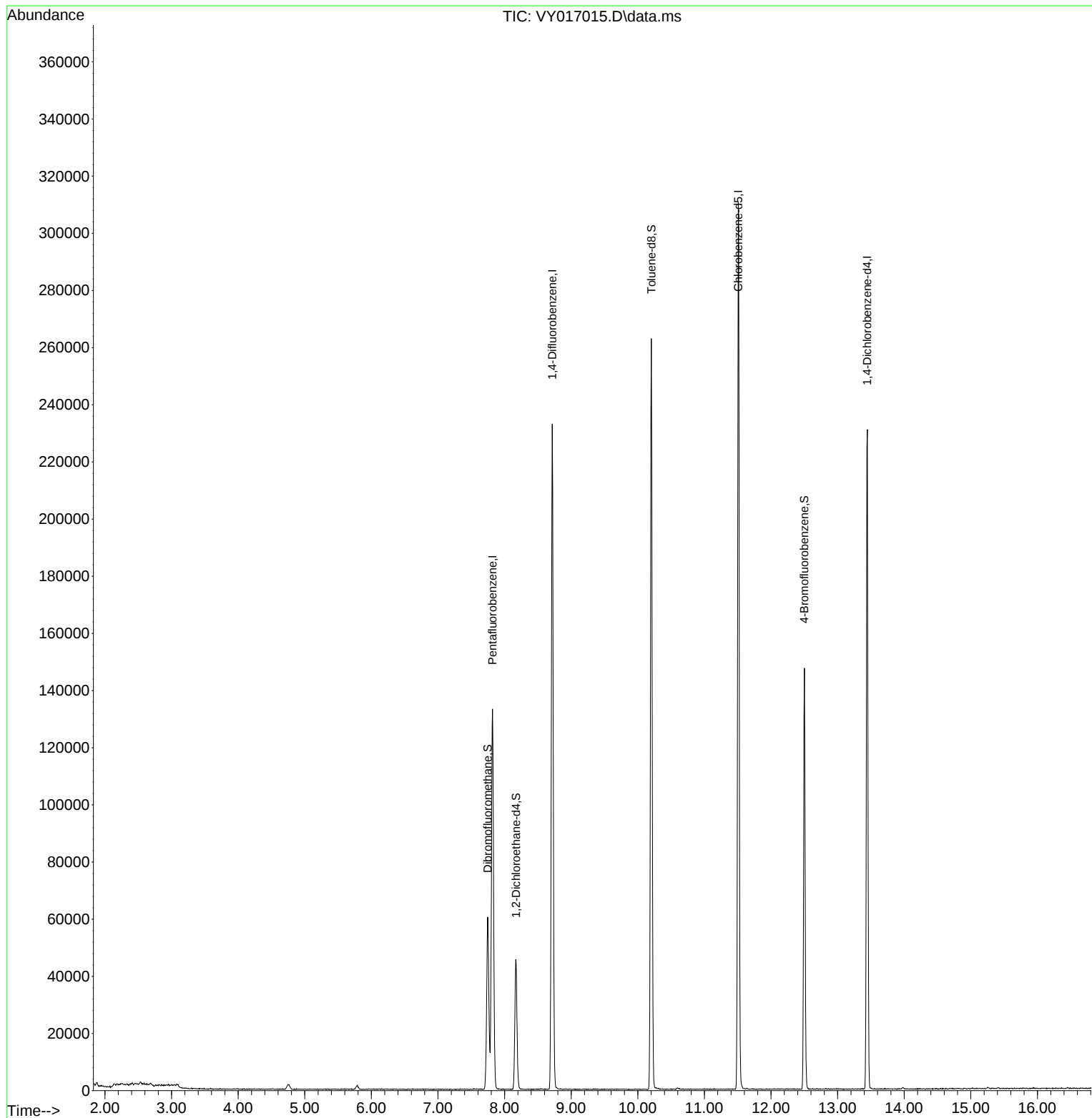
Target Compounds	Qvalue

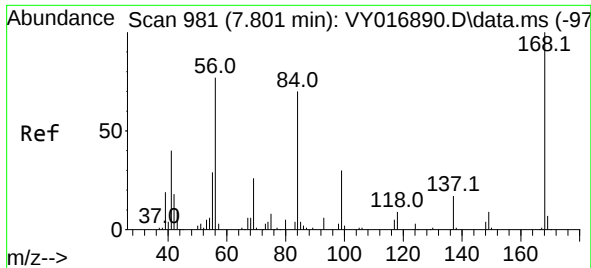
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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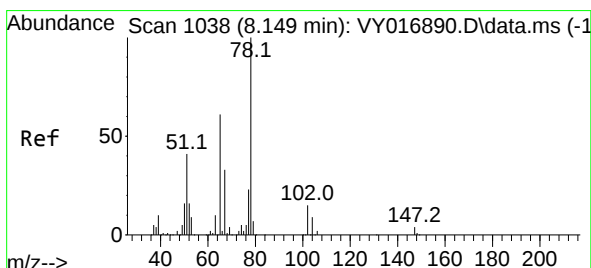
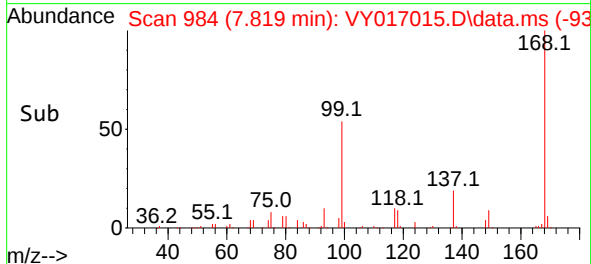
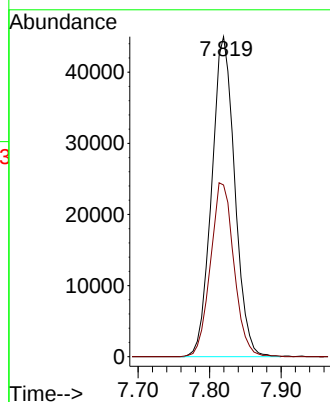
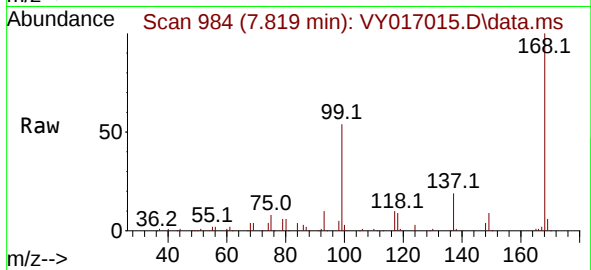




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017015.D
Acq: 17 Jan 2024 16:56

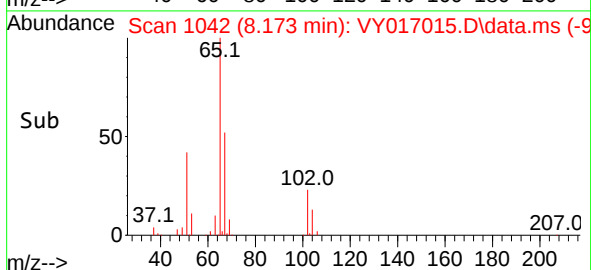
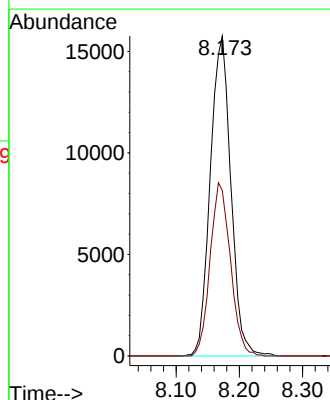
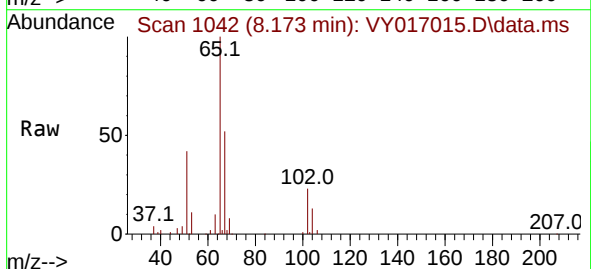
Instrument :
MSVOA_Y
ClientSampleId :
S2-TOTAL-VOC-GRAB-8

Tgt Ion:168 Resp: 100727
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 35.779 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017015.D
Acq: 17 Jan 2024 16:56

Tgt Ion: 65 Resp: 35620
Ion Ratio Lower Upper
65 100
67 53.5 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: VY017015.D

Acq: 17 Jan 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

S2-TOTAL-VOC-GRAB-8

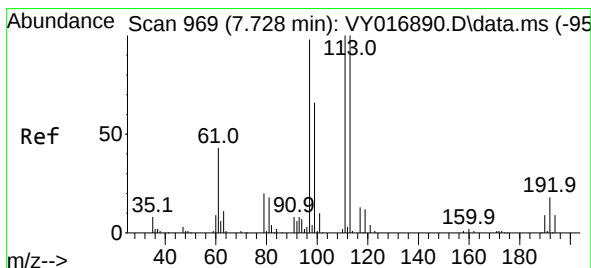
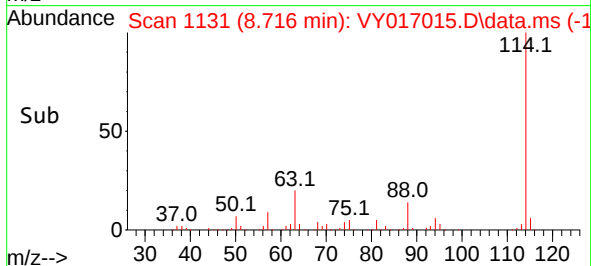
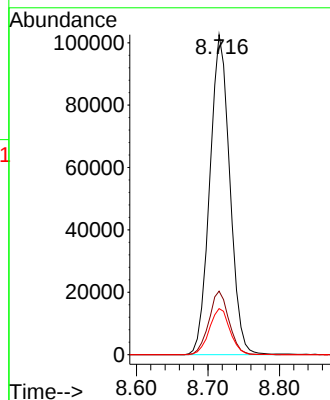
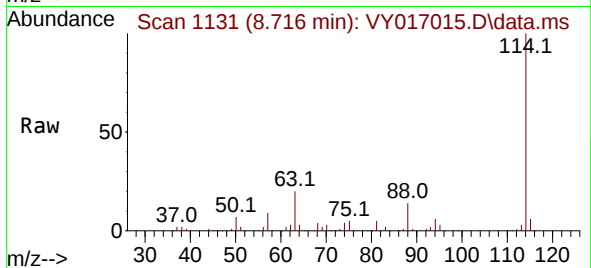
Tgt Ion:114 Resp: 199443

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 33.089 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017015.D

Acq: 17 Jan 2024 16:56

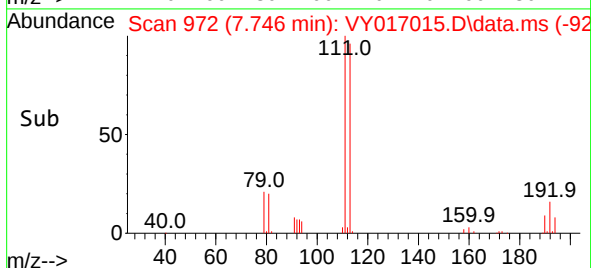
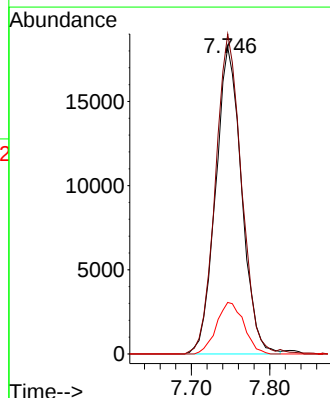
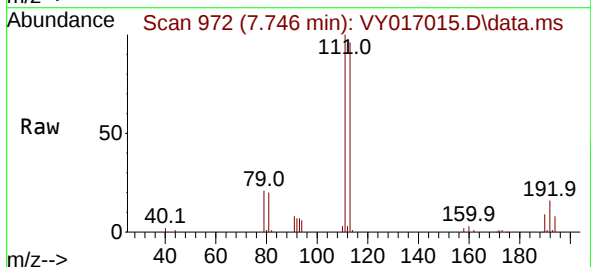
Tgt Ion:113 Resp: 42053

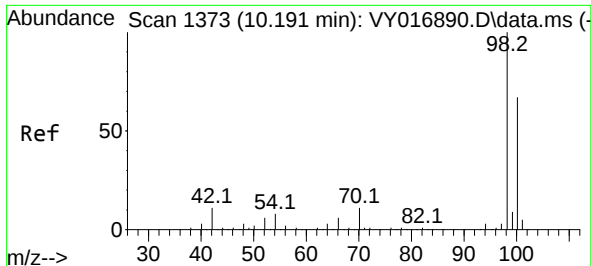
Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.6

192 17.7 14.5 21.7

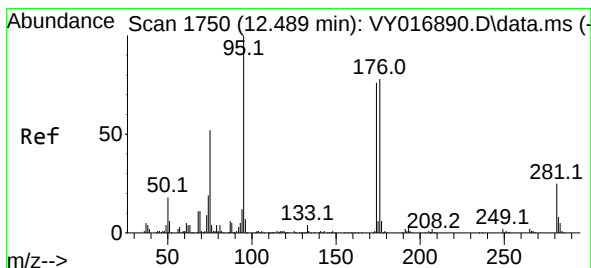
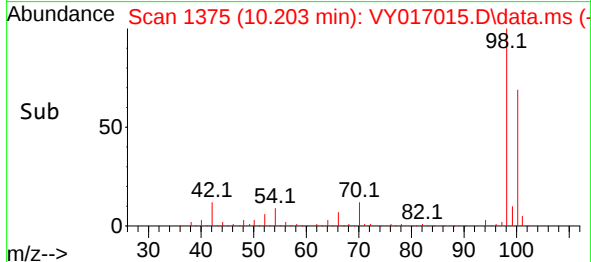
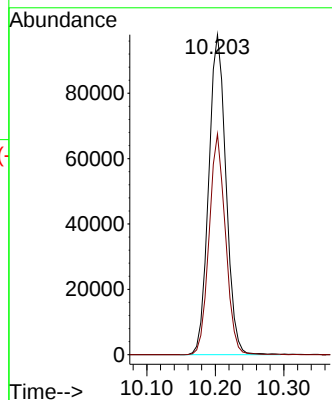
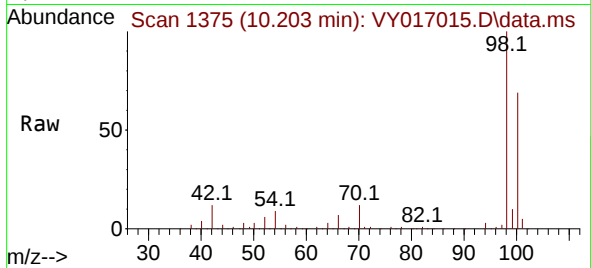




#50
Toluene-d8
Concen: 39.256 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017015.D
Acq: 17 Jan 2024 16:56

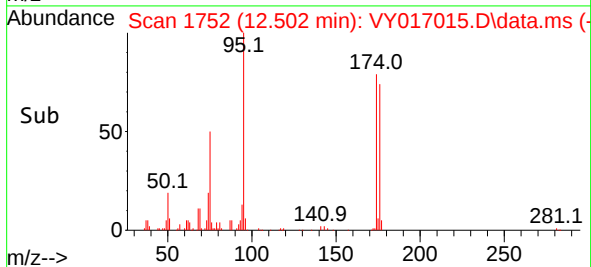
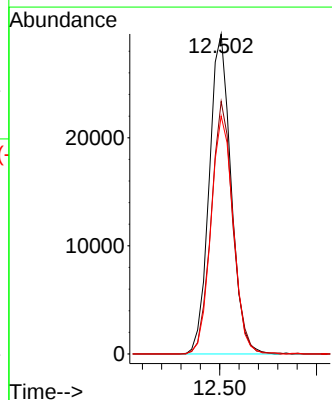
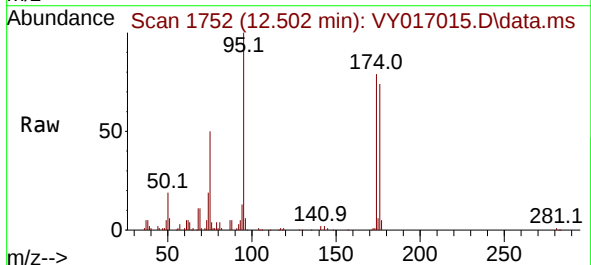
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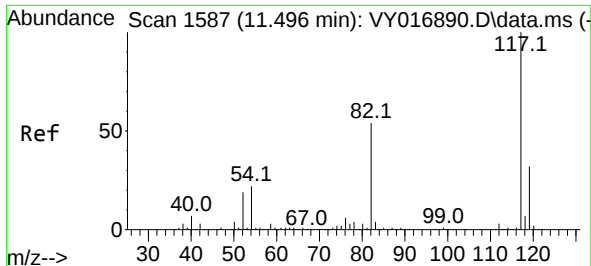
Tgt Ion: 98 Resp: 171801
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 31.338 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017015.D
Acq: 17 Jan 2024 16:56

Tgt Ion: 95 Resp: 46272
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.0
176 75.9 0.0 151.8

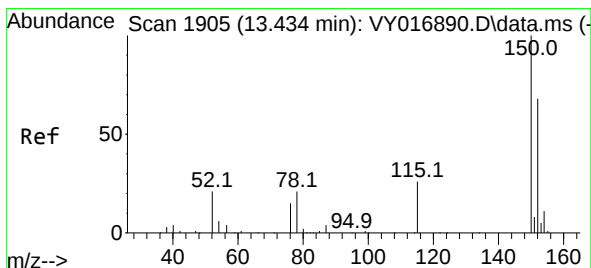
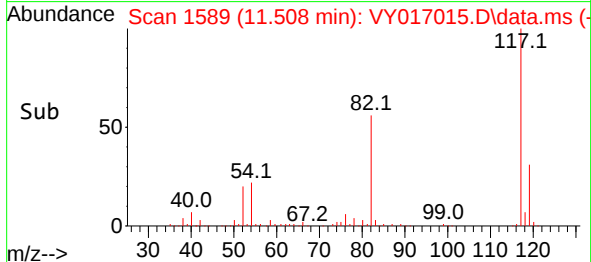
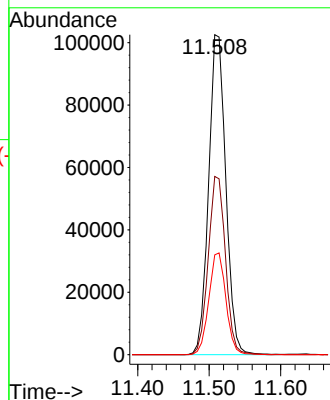
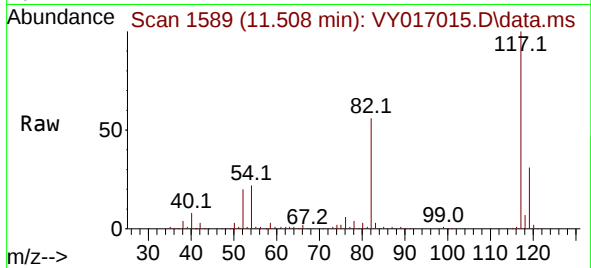




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017015.D
Acq: 17 Jan 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :
S2-TOTAL-VOC-GRAB-8

Tgt Ion:117 Resp: 171015
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.2 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: VY017015.D
Acq: 17 Jan 2024 16:56

Tgt Ion:152 Resp: 58230
Ion Ratio Lower Upper
152 100
115 60.7 30.0 90.0
150 161.7 0.0 344.6

