

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016367.D
 Acq On : 15 Nov 2023 15:34
 Operator : SY/MD
 Sample : 05412-03
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1-VOC

Quant Time: Nov 16 00:05:24 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)

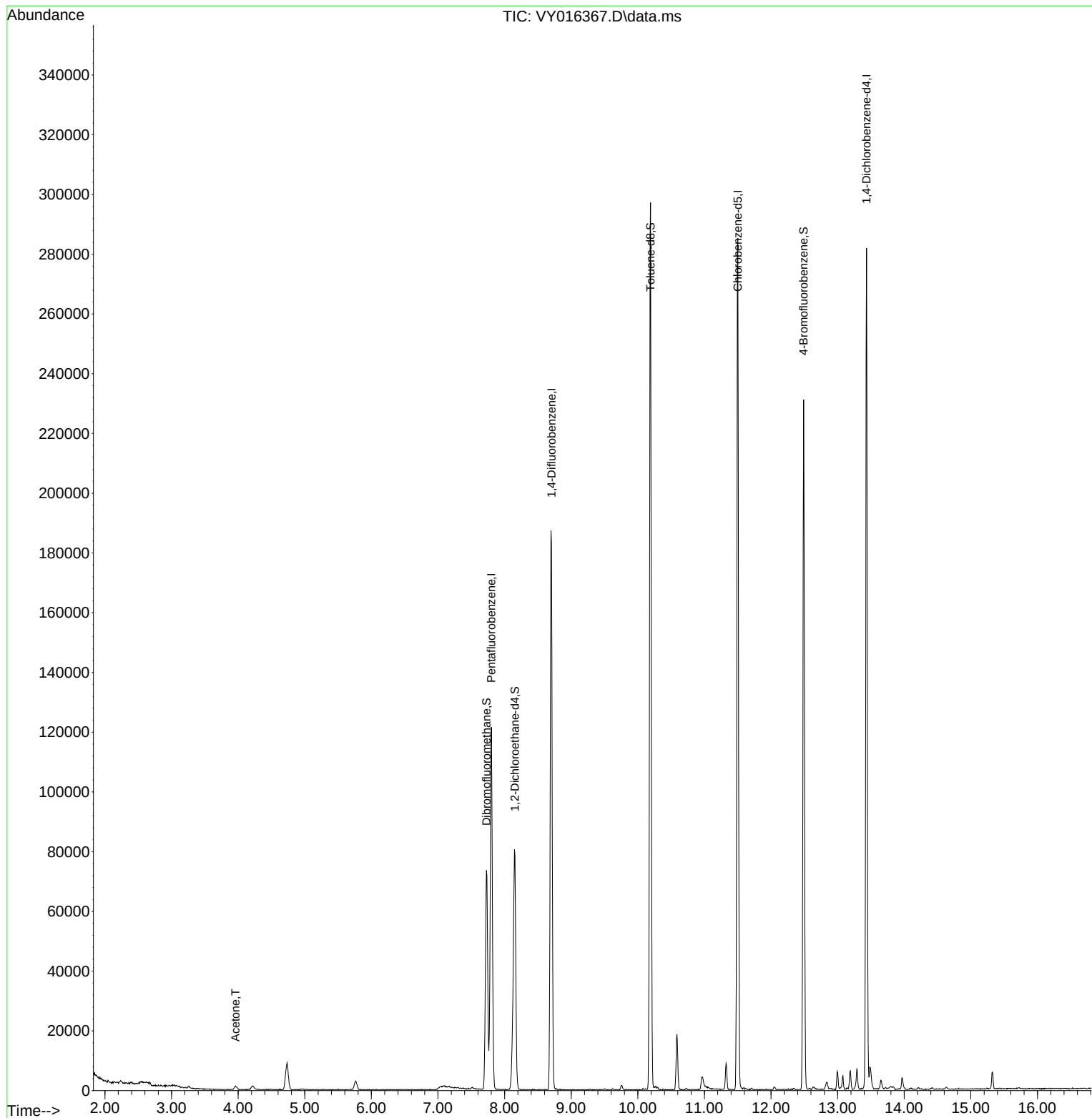
Internal Standards						
1) Pentafluorobenzene	7.801	168	94090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	166128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59091	68.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.420%
35) Dibromofluoromethane	7.728	113	53793	57.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.000%
50) Toluene-d8	10.191	98	196836	51.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.489	95	67400	54.226	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.460%
Target Compounds						
16) Acetone	3.960	43	2244	15.776	ug/l	Qvalue 95

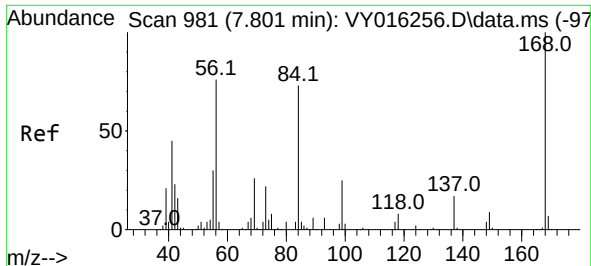
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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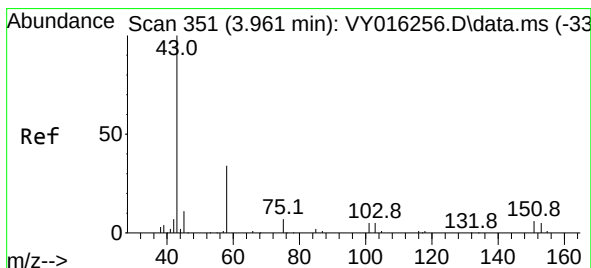
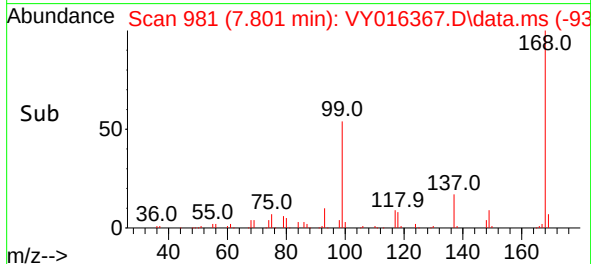
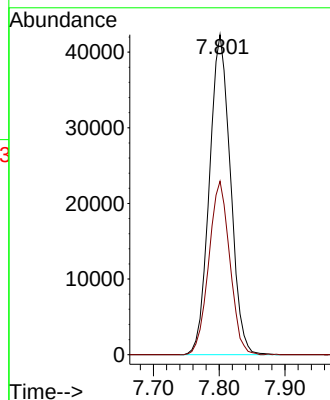
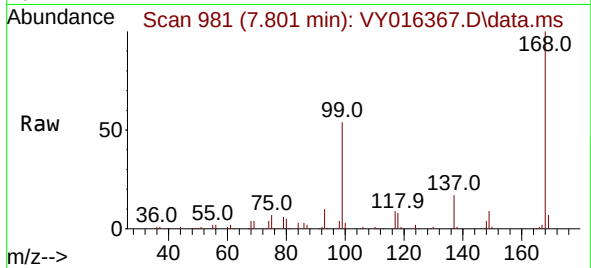




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

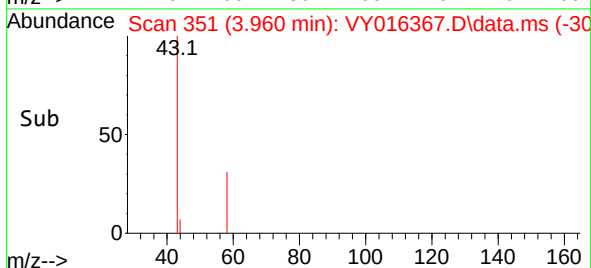
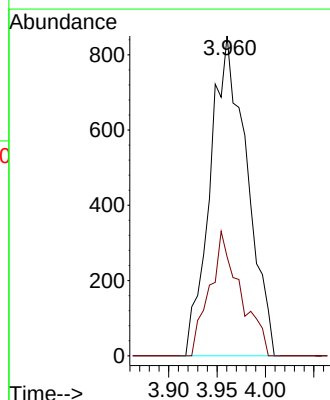
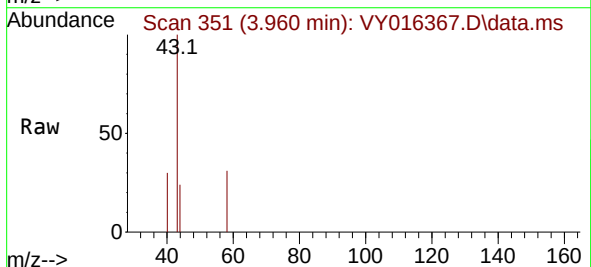
Instrument :
MSVOA_Y
ClientSampleId :
MH-1-VOC

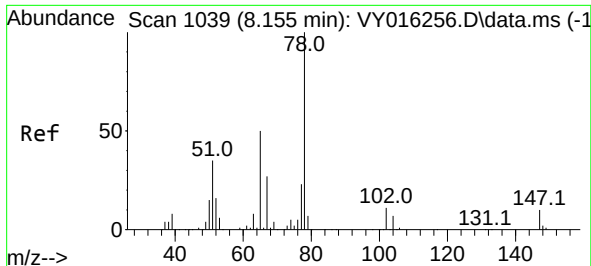
Tgt Ion:168 Resp: 94090
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 15.776 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

Tgt Ion: 43 Resp: 2244
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1

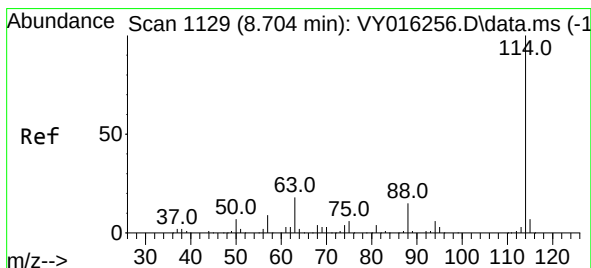
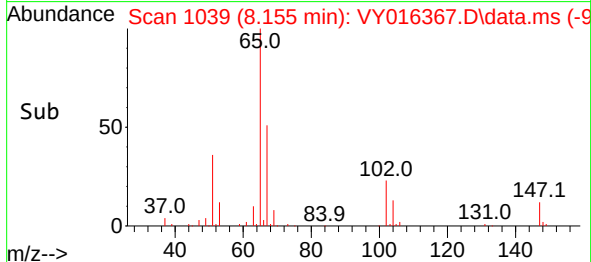
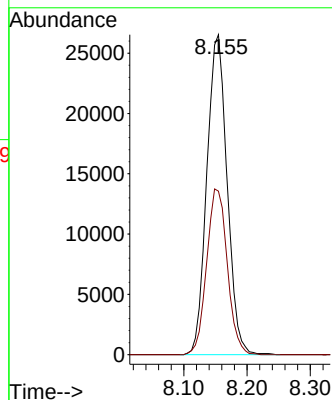
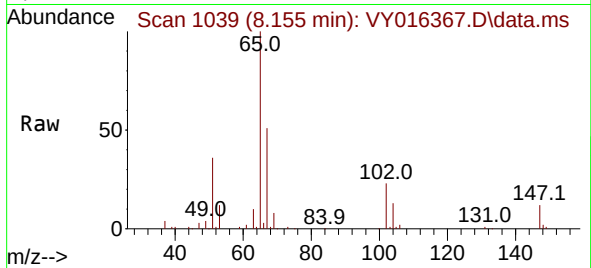




#33
 1,2-Dichloroethane-d4
 Concen: 68.715 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016367.D
 Acq: 15 Nov 2023 15:34

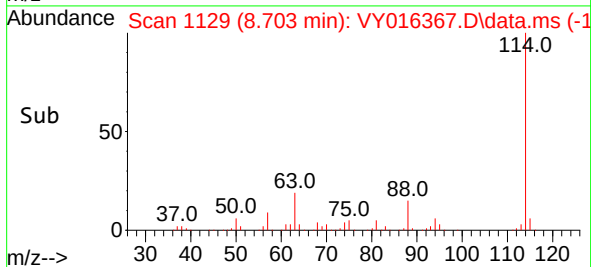
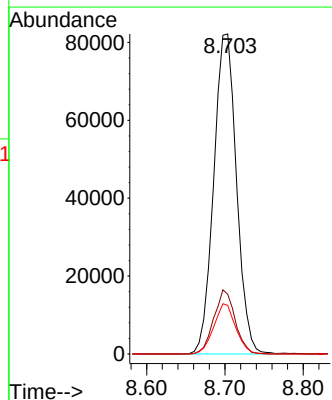
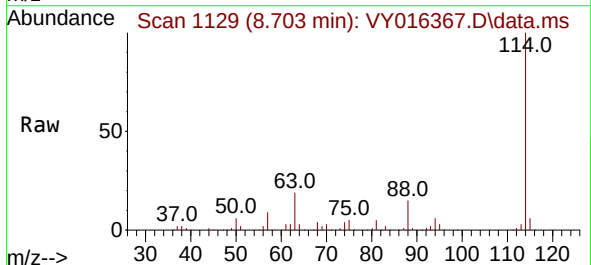
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1-VOC

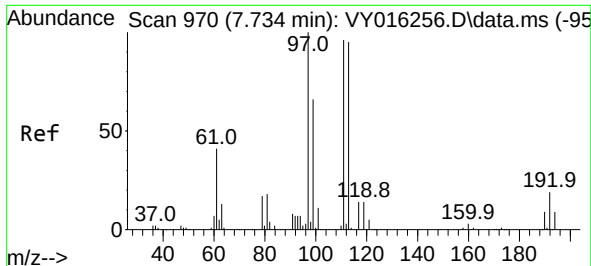
Tgt Ion: 65 Resp: 59091
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016367.D
 Acq: 15 Nov 2023 15:34

Tgt Ion: 114 Resp: 166128
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 15.2 0.0 30.6

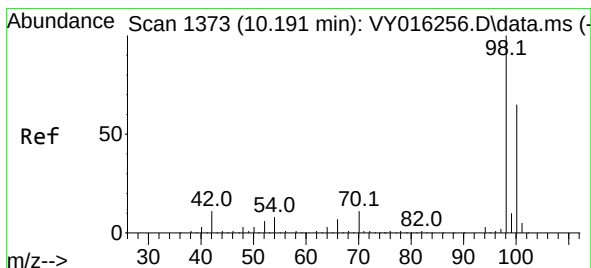
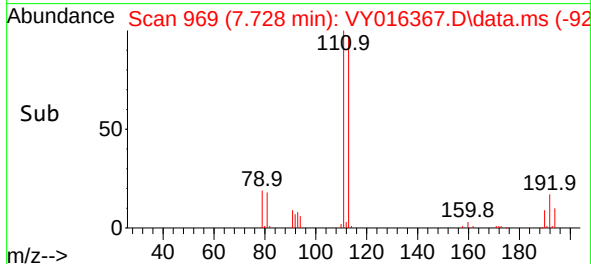
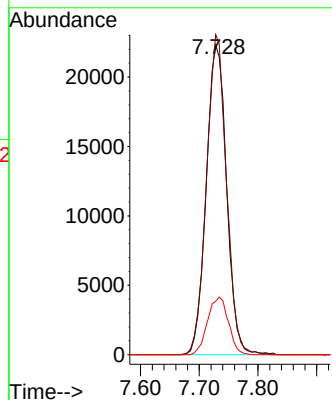
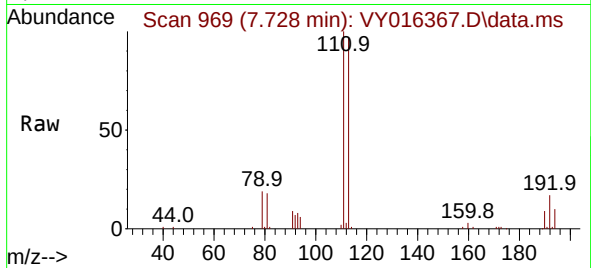




#35
Dibromofluoromethane
Concen: 57.001 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

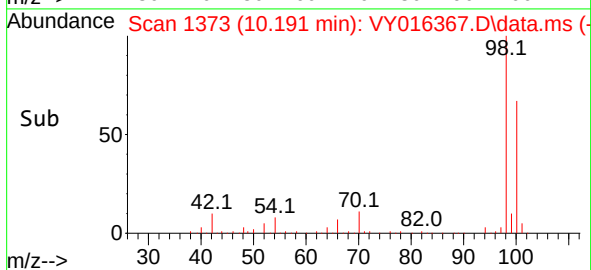
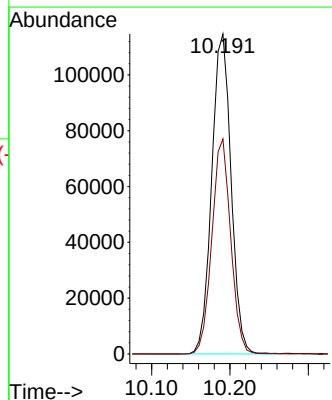
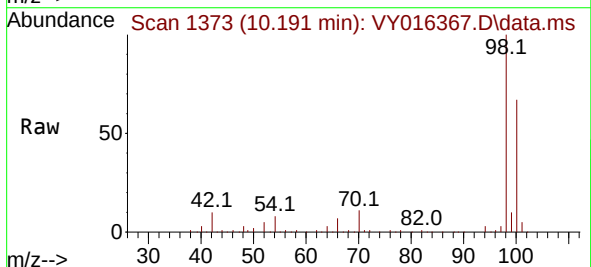
Instrument :
MSVOA_Y
ClientSampleId :
MH-1-VOC

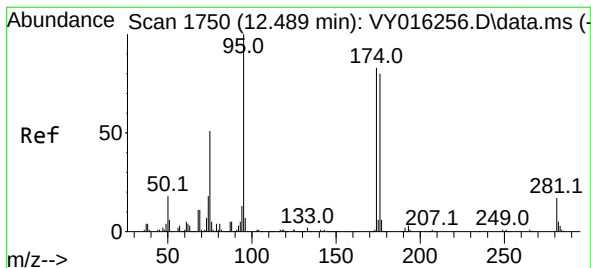
Tgt Ion:113 Resp: 53793
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 51.434 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

Tgt Ion: 98 Resp: 196836
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

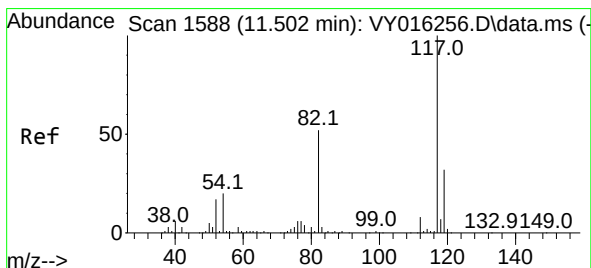
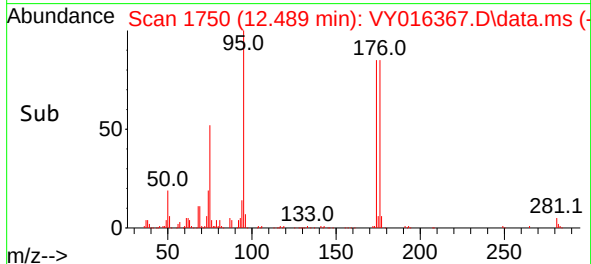
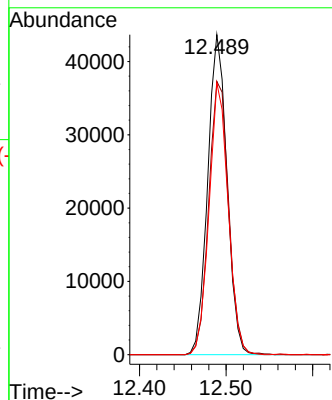
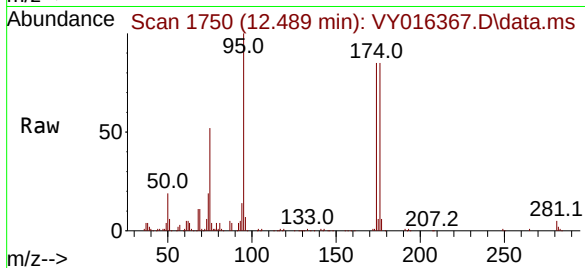




#62
4-Bromofluorobenzene
Concen: 54.226 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

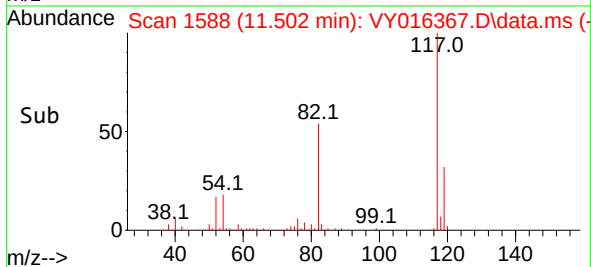
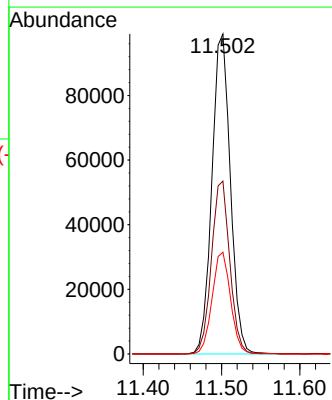
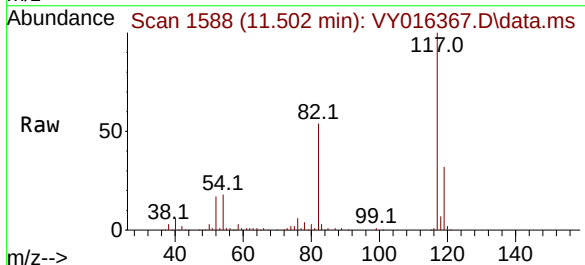
Instrument :
MSVOA_Y
ClientSampleId :
MH-1-VOC

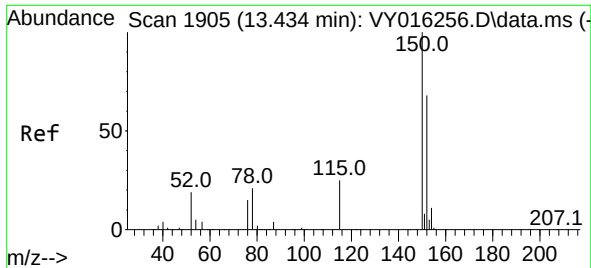
Tgt Ion: 95 Resp: 67400
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

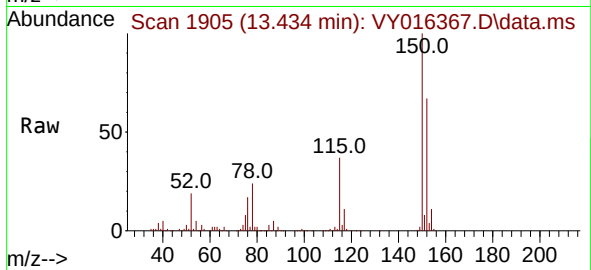
Tgt Ion: 117 Resp: 162377
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016367.D
 Acq: 15 Nov 2023 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1-VOC



Tgt Ion:152 Resp: 73312
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 157.2 0.0 348.8

