

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016612.D
 Acq On : 06 Dec 2023 13:47
 Operator : SY/MD
 Sample : 05538-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-112223RE

Quant Time: Dec 07 00:32:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	35800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	53727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	46546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	17092	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	19920	60.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.400%
35) Dibromofluoromethane	7.728	113	17435	53.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.840%
50) Toluene-d8	10.191	98	60202	49.224	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.495	95	16147	40.147	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.300%

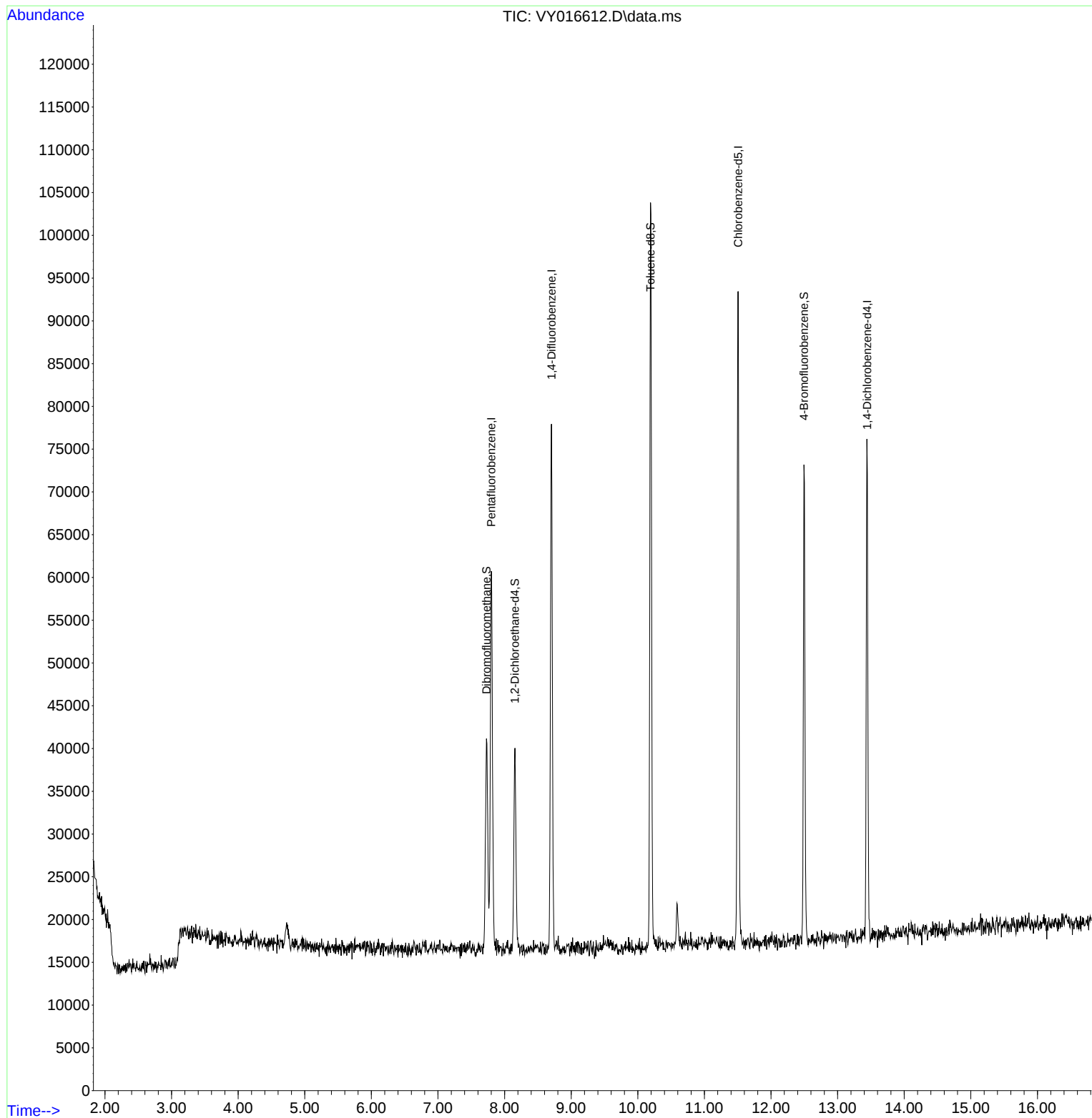
Target Compounds	Qvalue

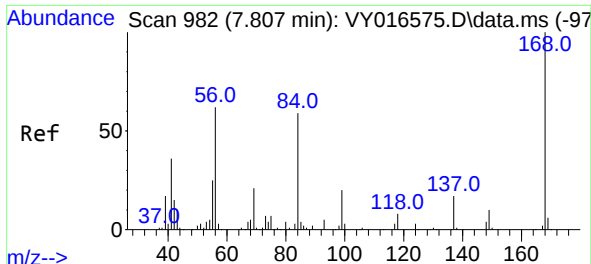
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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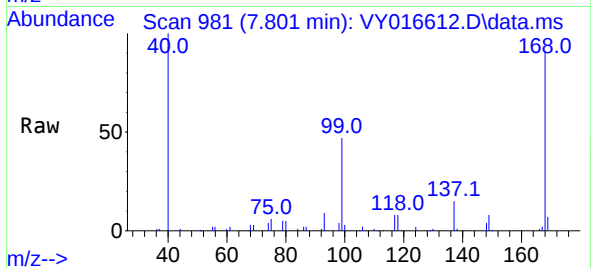
Quant Time: Dec 07 00:32:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
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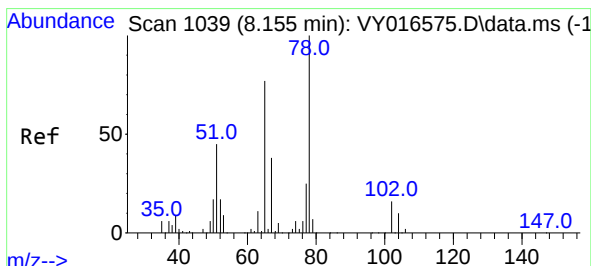
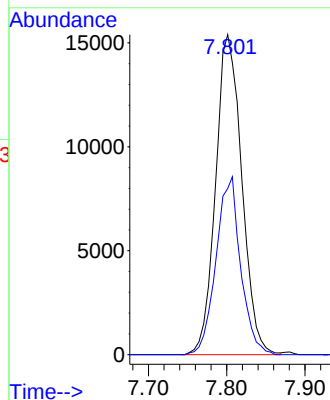
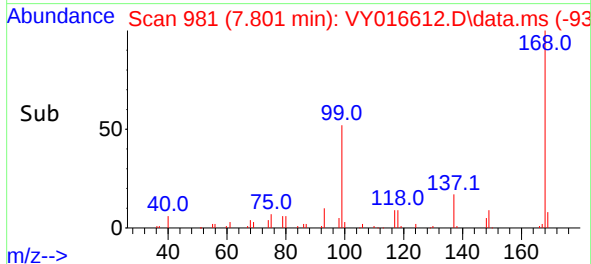


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

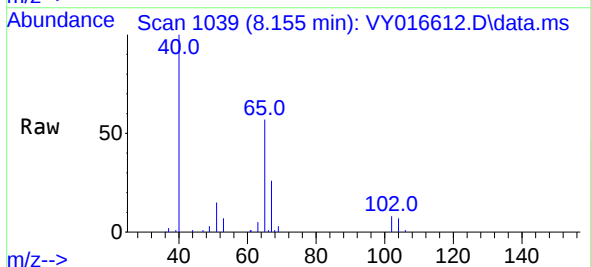
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-112223RE



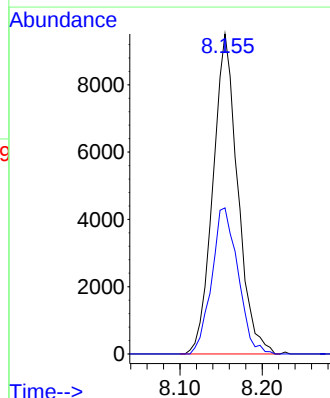
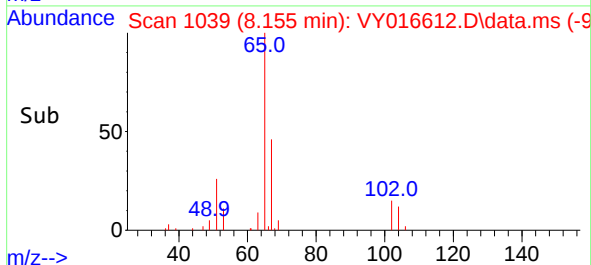
Tgt Ion:168 Resp: 35800
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0

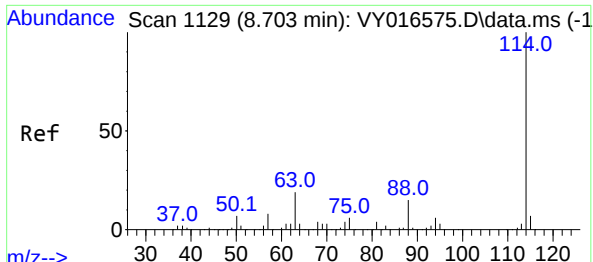


#33
1,2-Dichloroethane-d4
Concen: 60.202 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47



Tgt Ion: 65 Resp: 19920
Ion Ratio Lower Upper
65 100
67 48.3 0.0 101.8

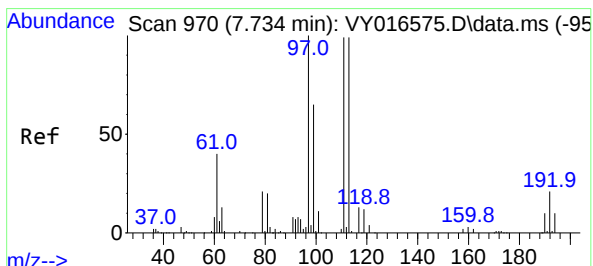
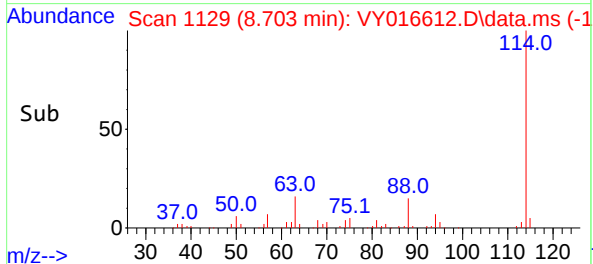
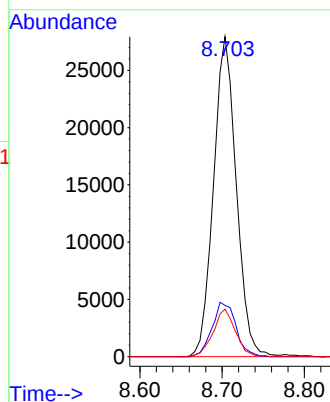
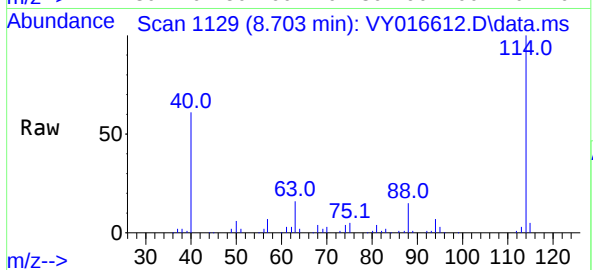




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

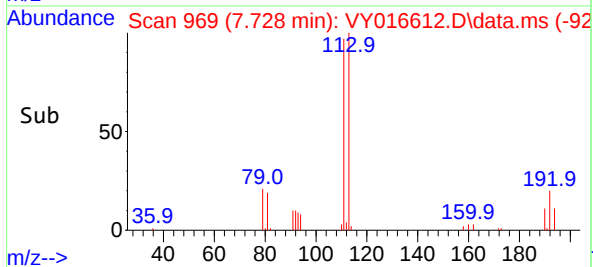
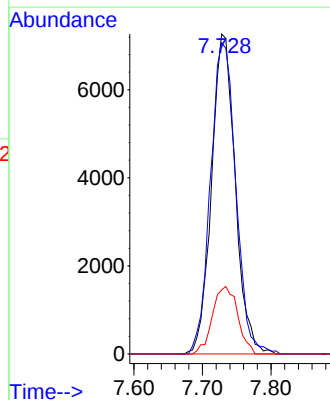
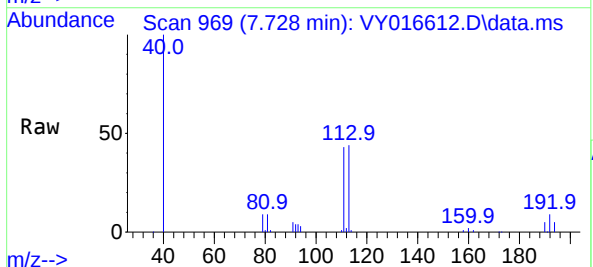
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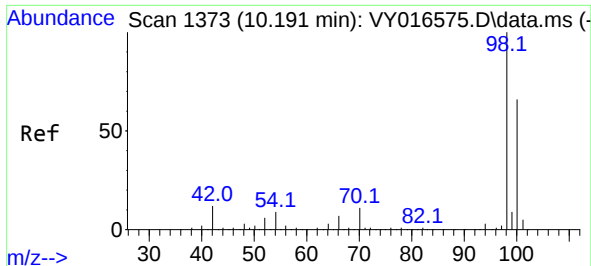
Tgt Ion:114	Resp:	53727
Ion Ratio	Lower	Upper
114	100	
63	16.0	0.0 42.4
88	14.9	0.0 30.6



#35
Dibromofluoromethane
Concen: 53.923 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion:113	Resp:	17435
Ion Ratio	Lower	Upper
113	100	
111	104.2	81.3 121.9
192	22.4	16.9 25.3

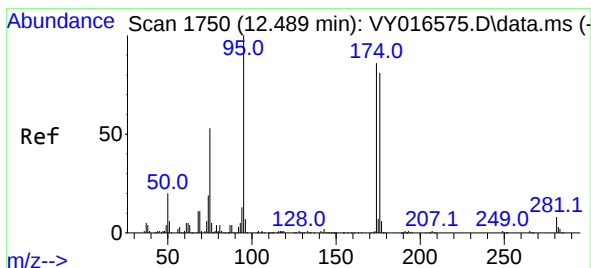
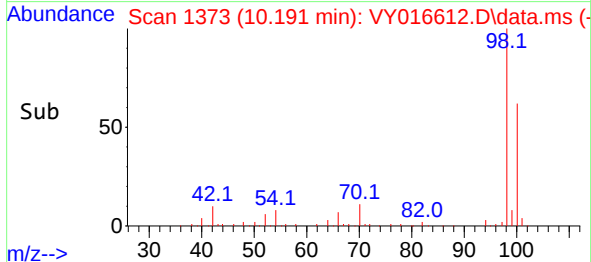
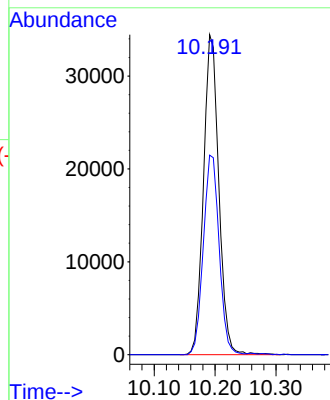
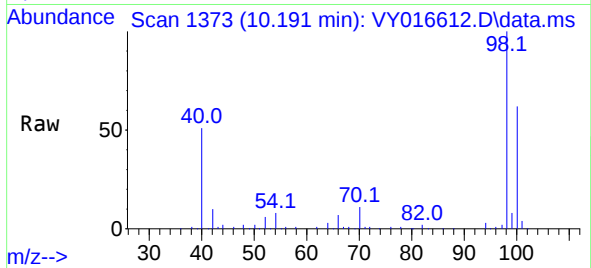




#50
Toluene-d8
Concen: 49.224 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

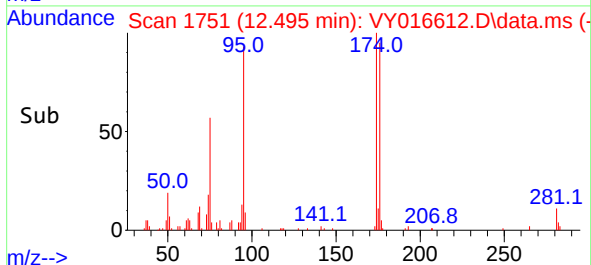
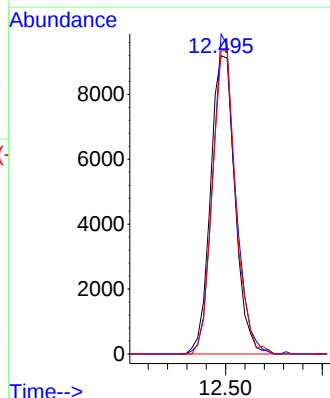
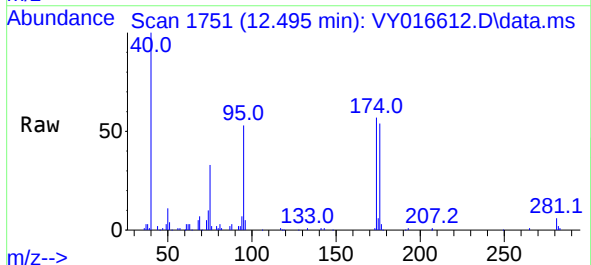
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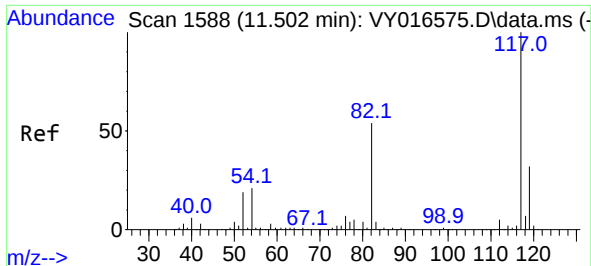
Tgt Ion: 98 Resp: 60202
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.147 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion: 95 Resp: 16147
Ion Ratio Lower Upper
95 100
174 99.6 0.0 178.2
176 97.0 0.0 173.8

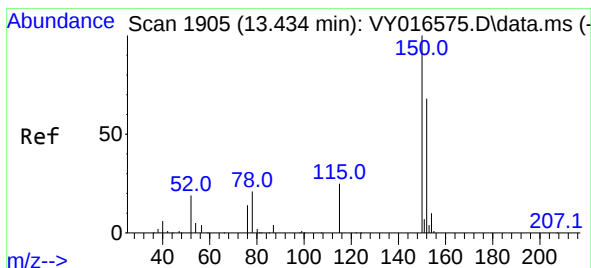
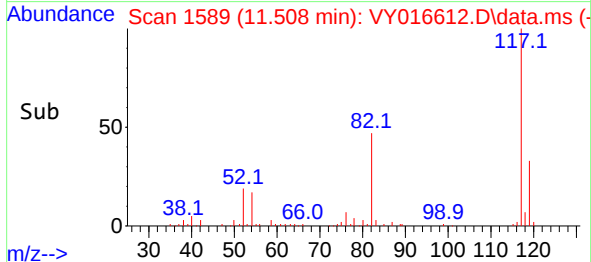
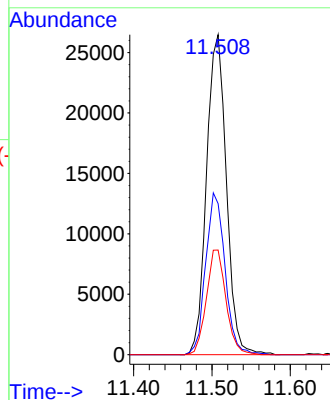
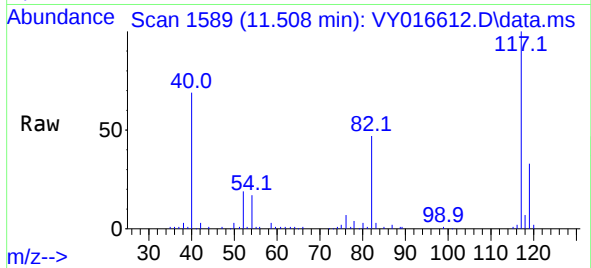




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 46546
Ion Ratio Lower Upper
117 100
82 47.2 43.4 65.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion:152 Resp: 17092
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 153.9 0.0 348.8

