

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016317.D
 Acq On : 13 Nov 2023 10:20
 Operator : SY/MD
 Sample : VY1113SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBL01

Quant Time: Nov 14 04:36:24 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	7.813	168	99999	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	172457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	150905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	64451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	48189	52.726	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.460%
35) Dibromofluoromethane	7.746	113	49485	50.512	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.197	98	197662	49.755	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.495	95	61148	47.391	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.780%

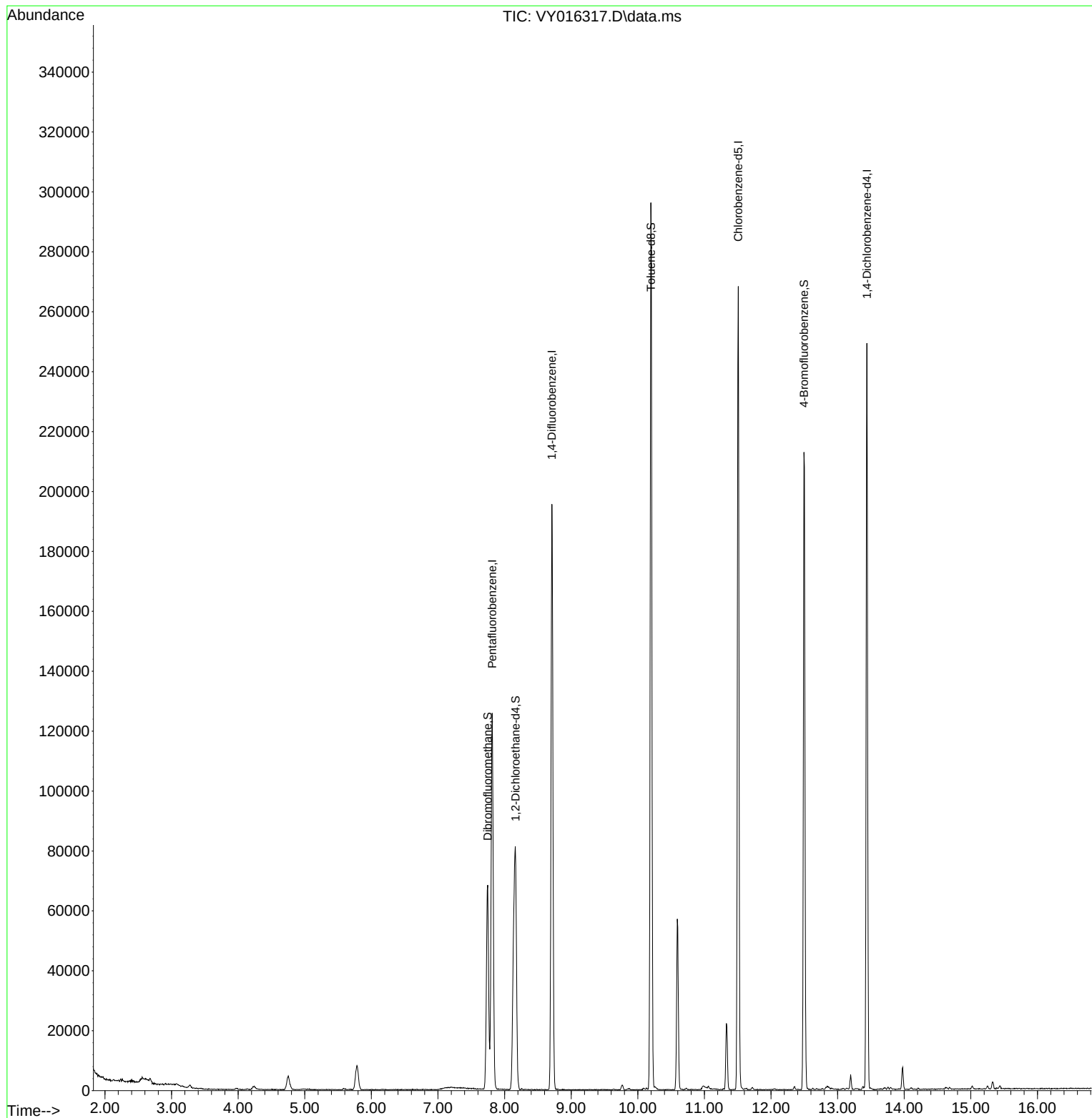
Target Compounds	Qvalue

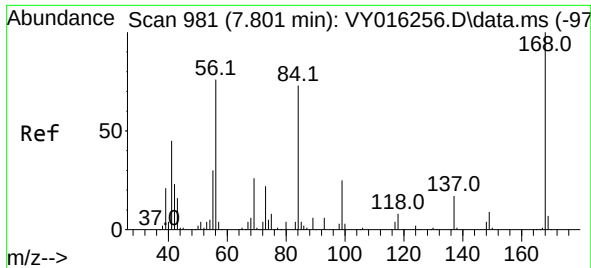
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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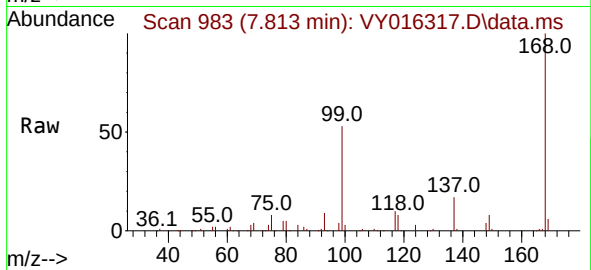
Quant Time: Nov 14 04:36:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
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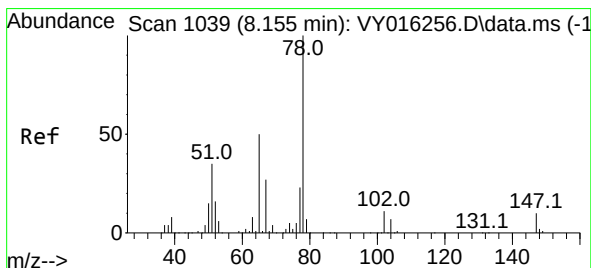
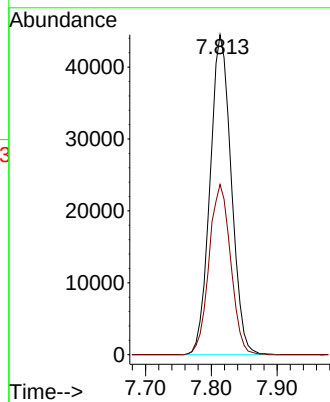
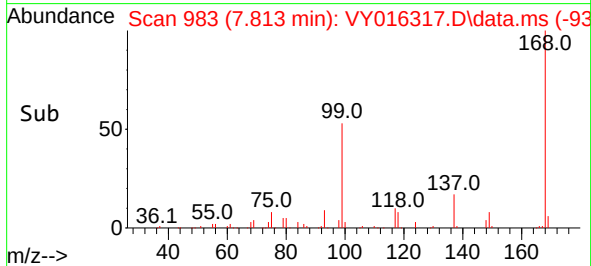


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016317.D
Acq: 13 Nov 2023 10:20

Instrument :
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ClientSampleId :
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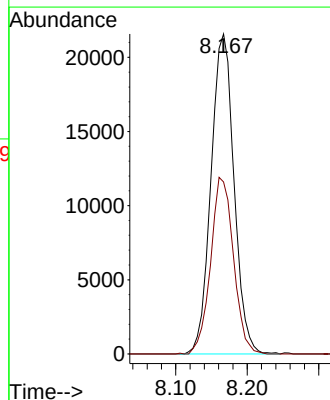
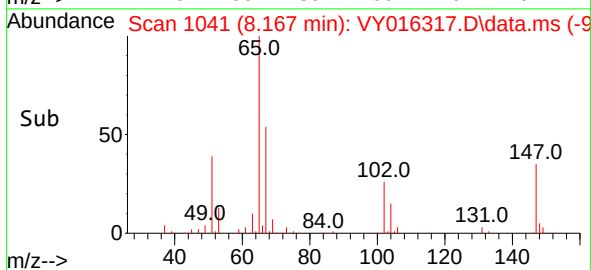
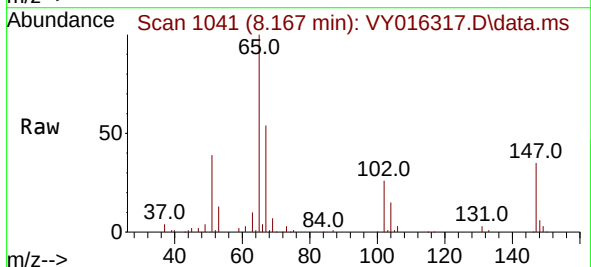


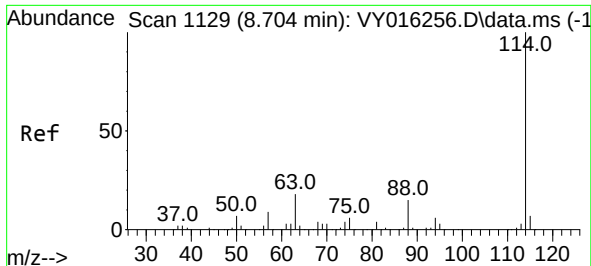
Tgt Ion:168 Resp: 99999
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.726 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016317.D
Acq: 13 Nov 2023 10:20

Tgt Ion: 65 Resp: 48189
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.8

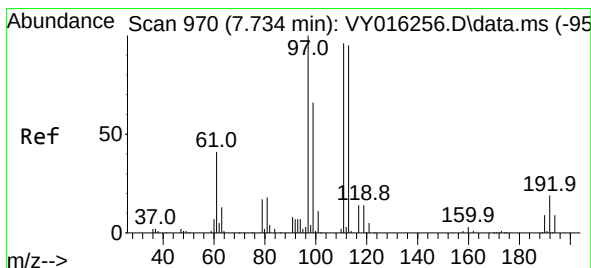
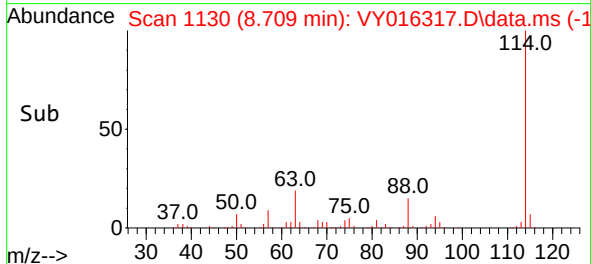
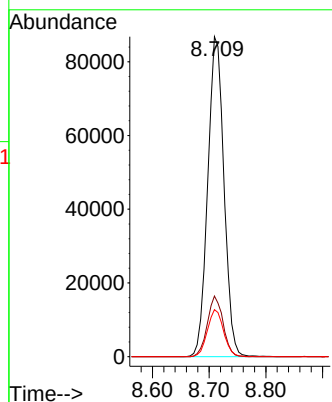
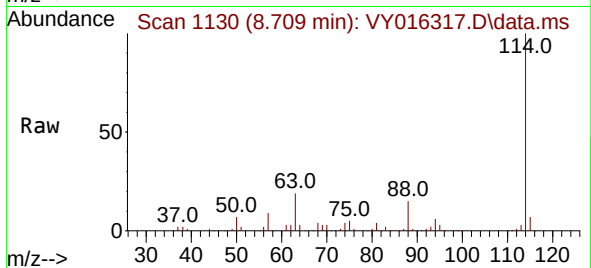




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016317.D
Acq: 13 Nov 2023 10:20

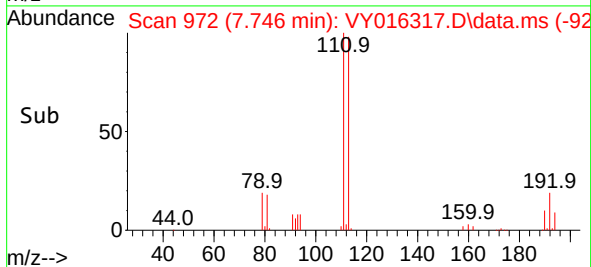
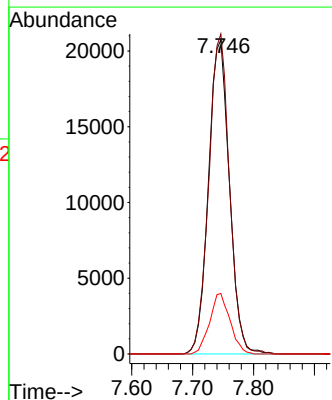
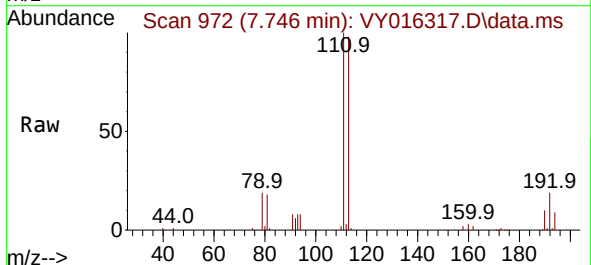
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBL01

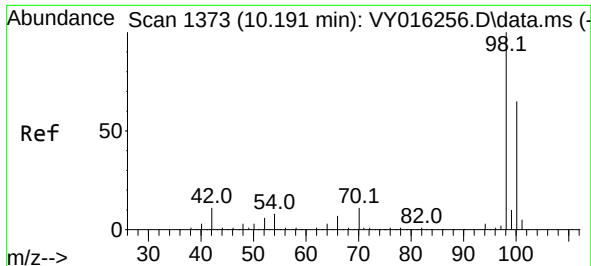
Tgt Ion:114 Resp: 172457
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.512 ug/l
RT: 7.746 min Scan# 972
Delta R.T. 0.012 min
Lab File: VY016317.D
Acq: 13 Nov 2023 10:20

Tgt Ion:113 Resp: 49485
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 18.8 16.9 25.3

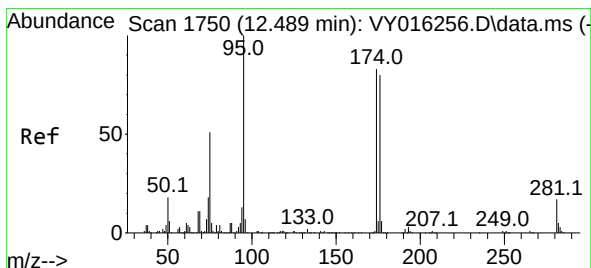
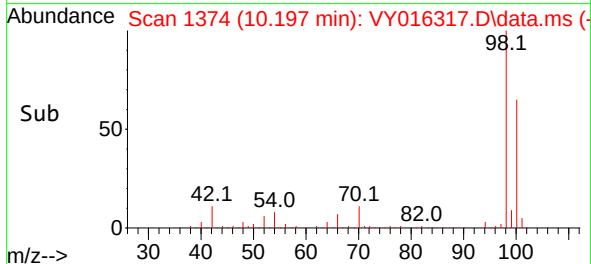
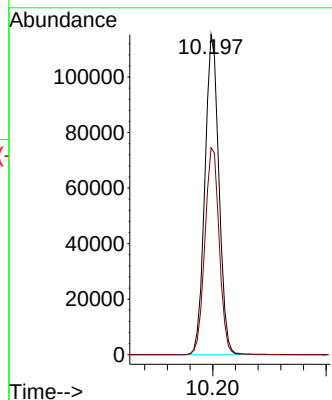
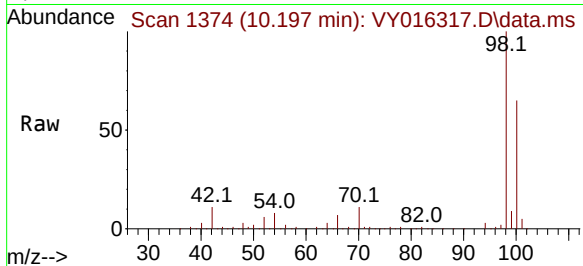




#50
Toluene-d8
Concen: 49.755 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016317.D
Acq: 13 Nov 2023 10:20

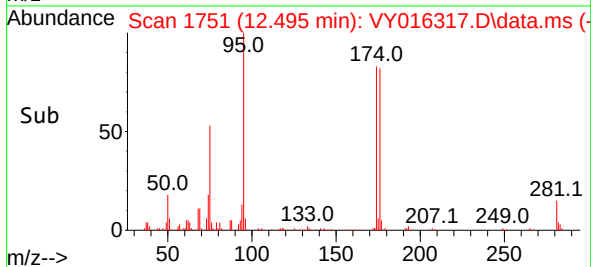
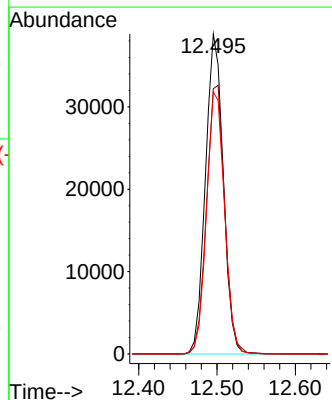
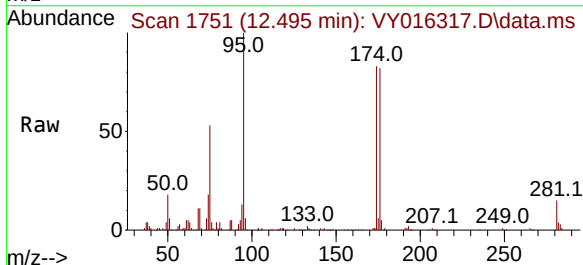
Instrument :
MSVOA_Y
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VY1113SBL01

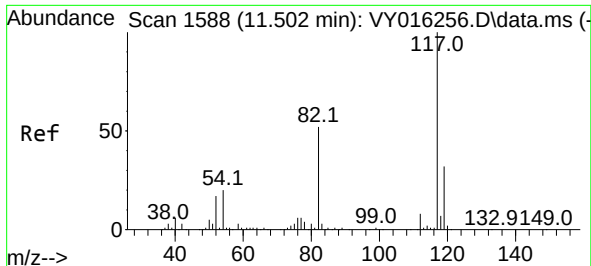
Tgt Ion: 98 Resp: 197662
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.391 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016317.D
Acq: 13 Nov 2023 10:20

Tgt Ion: 95 Resp: 61148
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.9 0.0 173.8

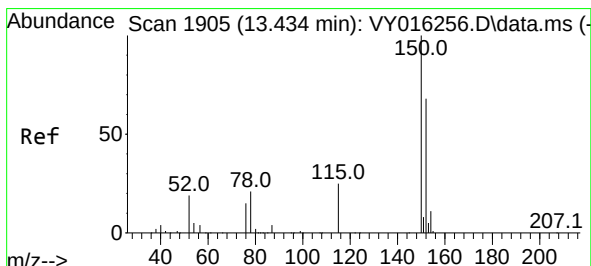
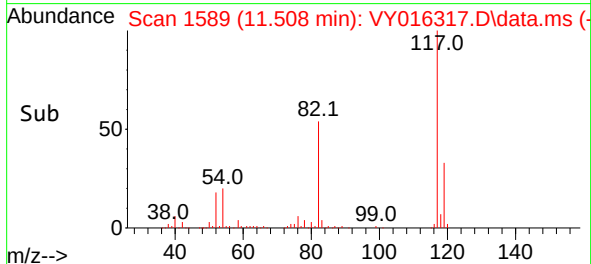
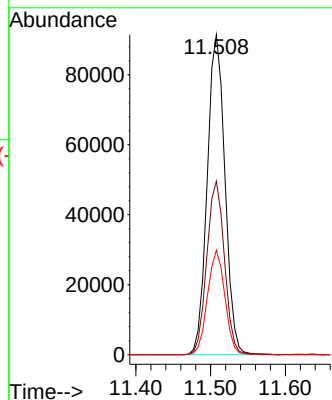
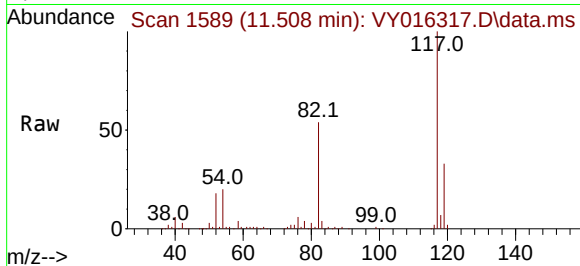




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016317.D
Acq: 13 Nov 2023 10:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBL01

Tgt Ion:117 Resp: 150905
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016317.D
Acq: 13 Nov 2023 10:20

Tgt Ion:152 Resp: 64451
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 156.4 0.0 348.8

