

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017677.D
 Acq On : 15 Mar 2024 16:58
 Operator : SY/MD
 Sample : P1746-09RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-2.0-3.0RE

Quant Time: Mar 16 00:18:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	112207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37132	34.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.840%
35) Dibromofluoromethane	7.715	113	51144	41.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.980%
50) Toluene-d8	10.178	98	195893	45.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.900%
62) 4-Bromofluorobenzene	12.483	95	41784	30.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.700%

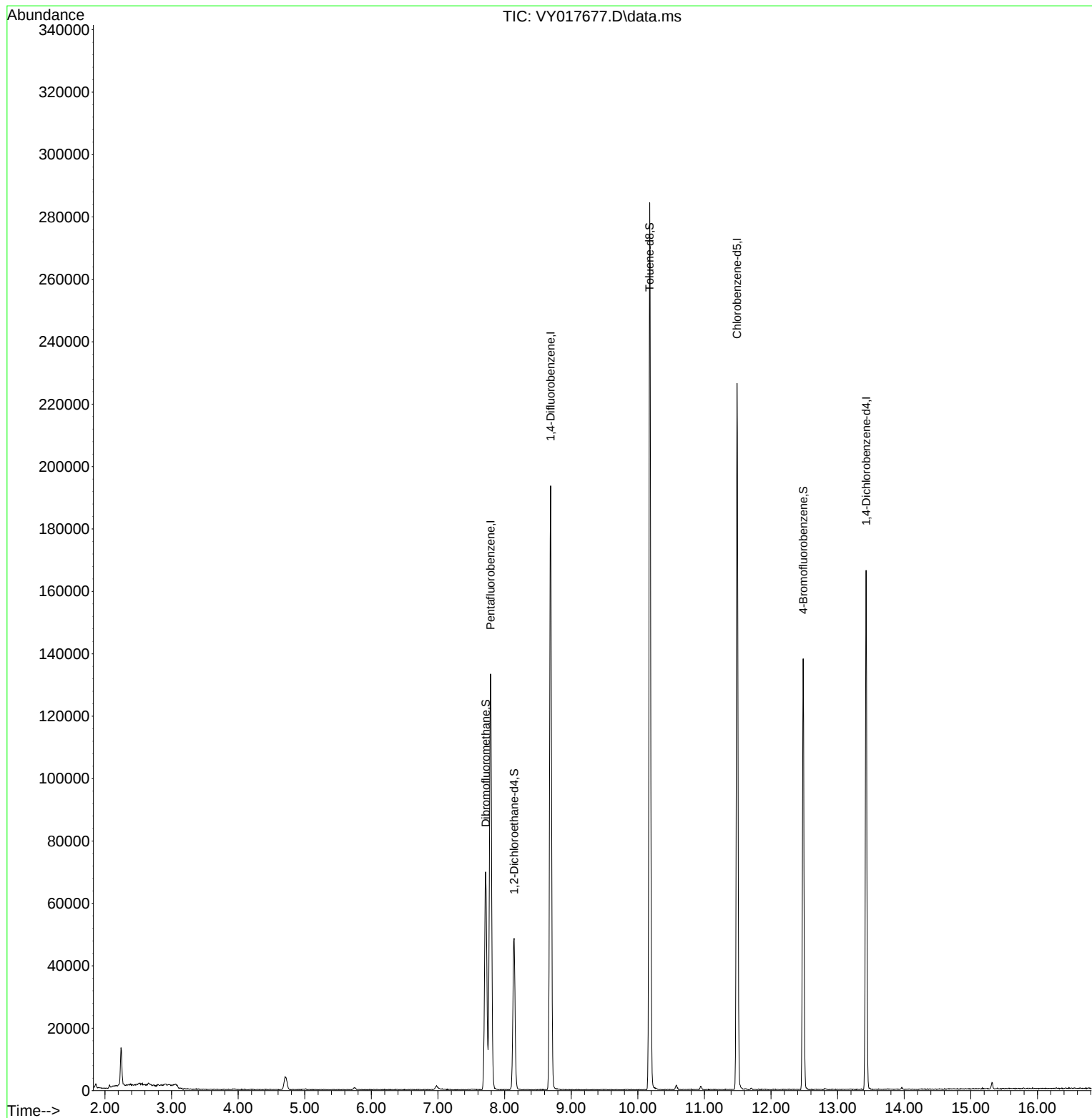
Target Compounds	Qvalue

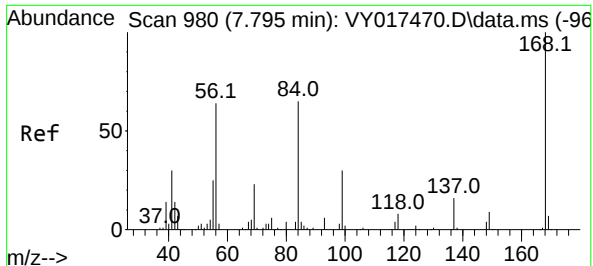
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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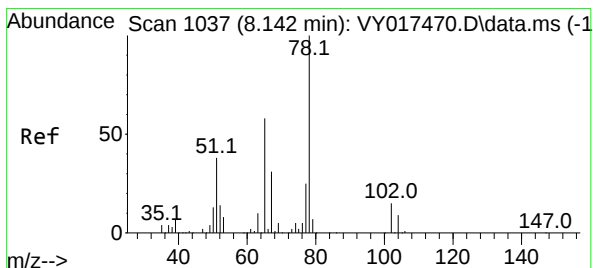
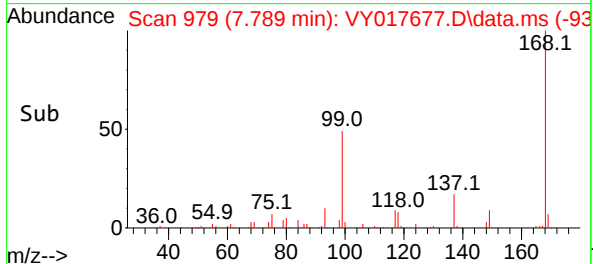
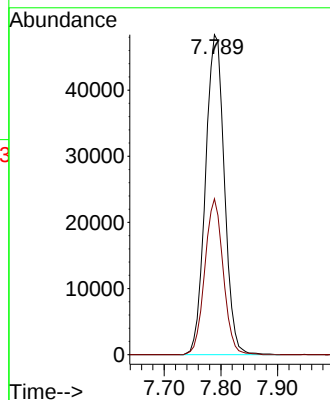
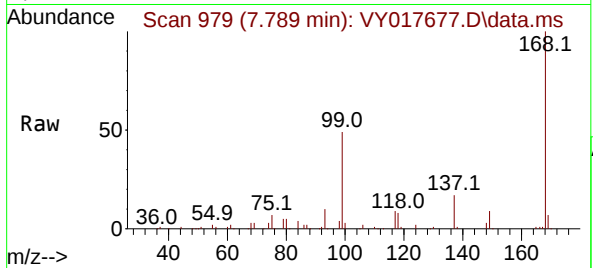




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017677.D
Acq: 15 Mar 2024 16:58

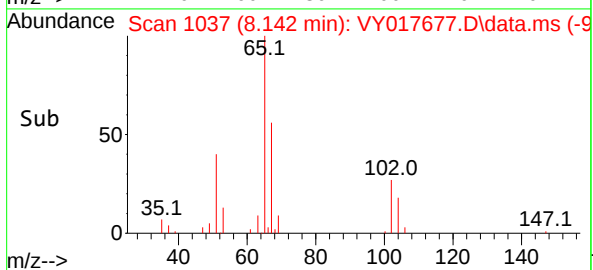
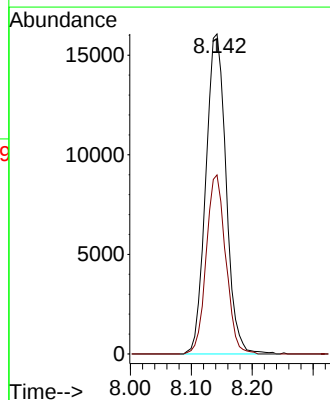
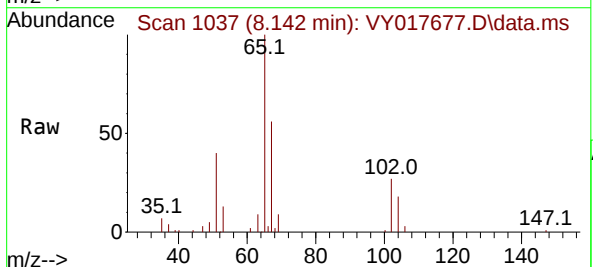
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-2.0-3.0RE

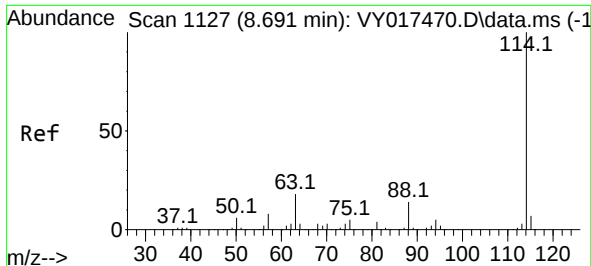
Tgt Ion:168 Resp: 112207
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 34.918 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY017677.D
Acq: 15 Mar 2024 16:58

Tgt Ion: 65 Resp: 37132
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

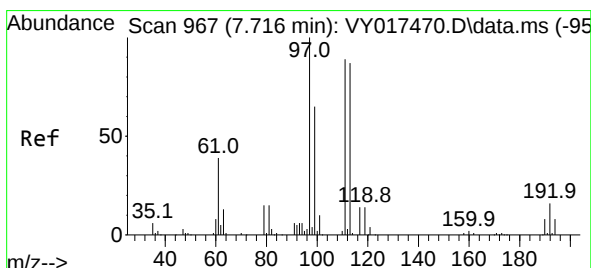
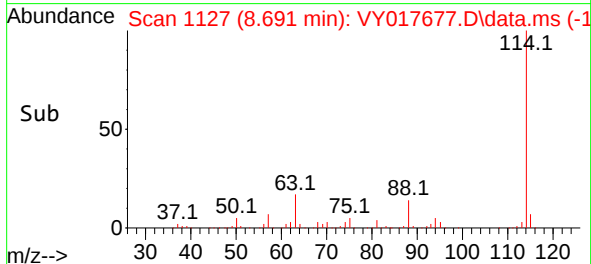
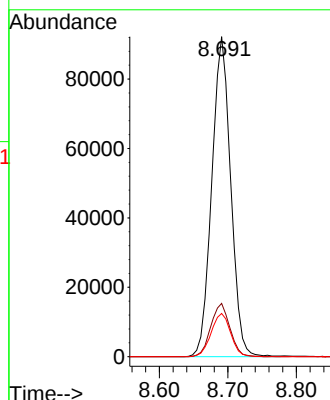
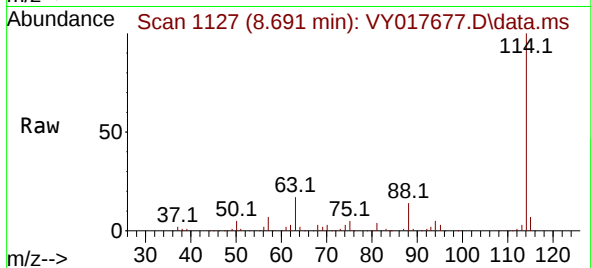




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY017677.D
Acq: 15 Mar 2024 16:58

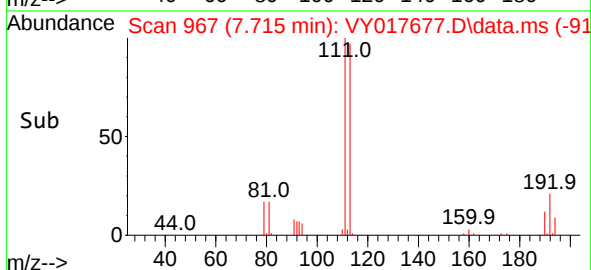
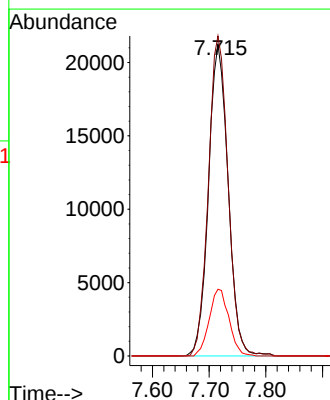
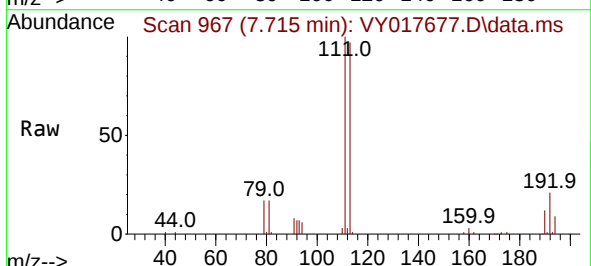
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-2.0-3.0RE

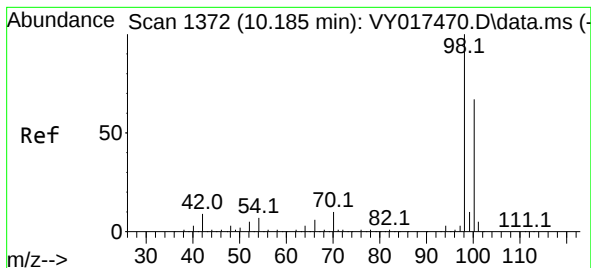
Tgt Ion:114 Resp: 176897
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 13.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 41.490 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017677.D
Acq: 15 Mar 2024 16:58

Tgt Ion:113 Resp: 51144
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 21.5 15.9 23.9





#50

Toluene-d8

Concen: 45.452 ug/l

RT: 10.178 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017677.D

Acq: 15 Mar 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

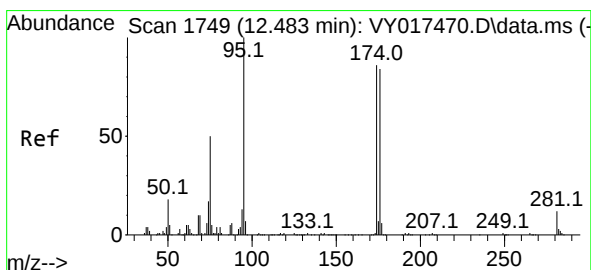
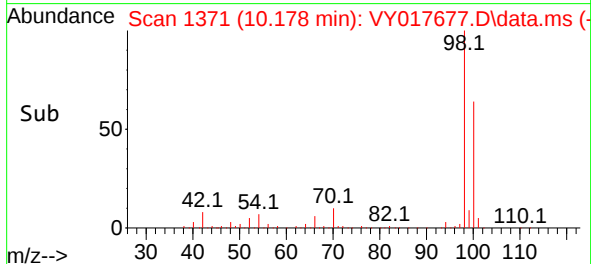
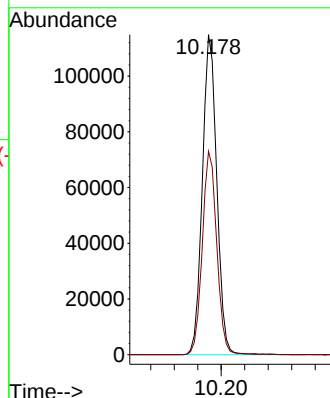
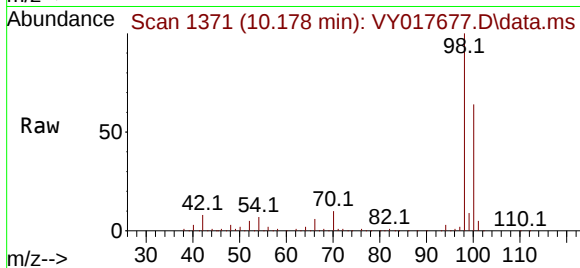
SB-03-2.0-3.0RE

Tgt Ion: 98 Resp: 195893

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.849 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY017677.D

Acq: 15 Mar 2024 16:58

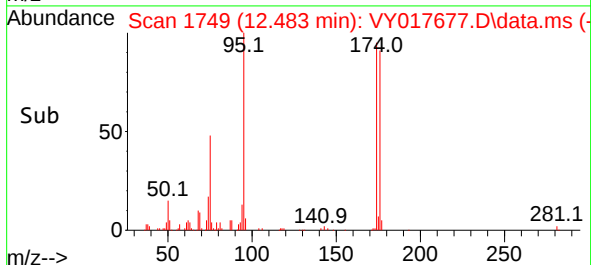
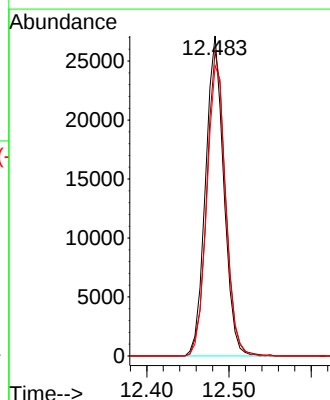
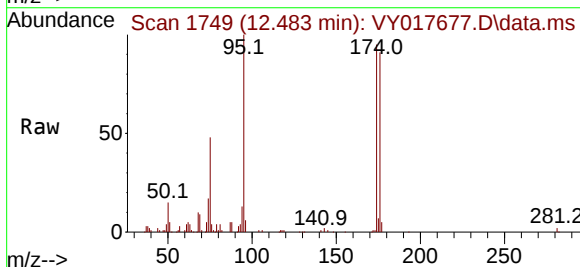
Tgt Ion: 95 Resp: 41784

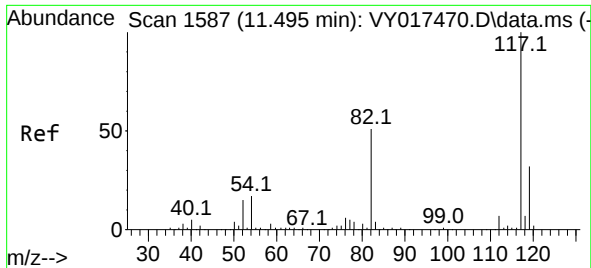
Ion Ratio Lower Upper

95 100

174 97.5 0.0 175.6

176 94.1 0.0 171.4

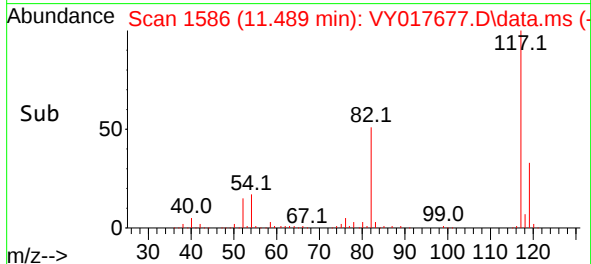
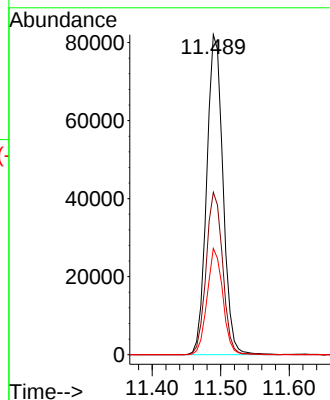
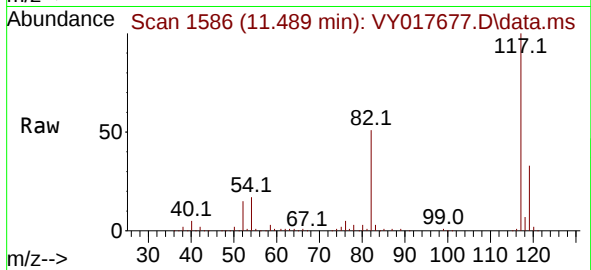




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017677.D
Acq: 15 Mar 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-2.0-3.0RE

Tgt Ion:117 Resp: 135873
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY017677.D
Acq: 15 Mar 2024 16:58

Tgt Ion:152 Resp: 43808
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 162.3 0.0 345.6

