

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010006.D
 Acq On : 14 Aug 2022 18:40
 Operator : KP/MD
 Sample : N4189-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB18

Quant Time: Aug 15 00:41:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	53318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	103133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	106172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	30277	55.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.960%
35) Dibromofluoromethane	7.709	113	30184	47.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.178	98	104106	43.044	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.080%
62) 4-Bromofluorobenzene	12.477	95	37527	42.349	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.700%

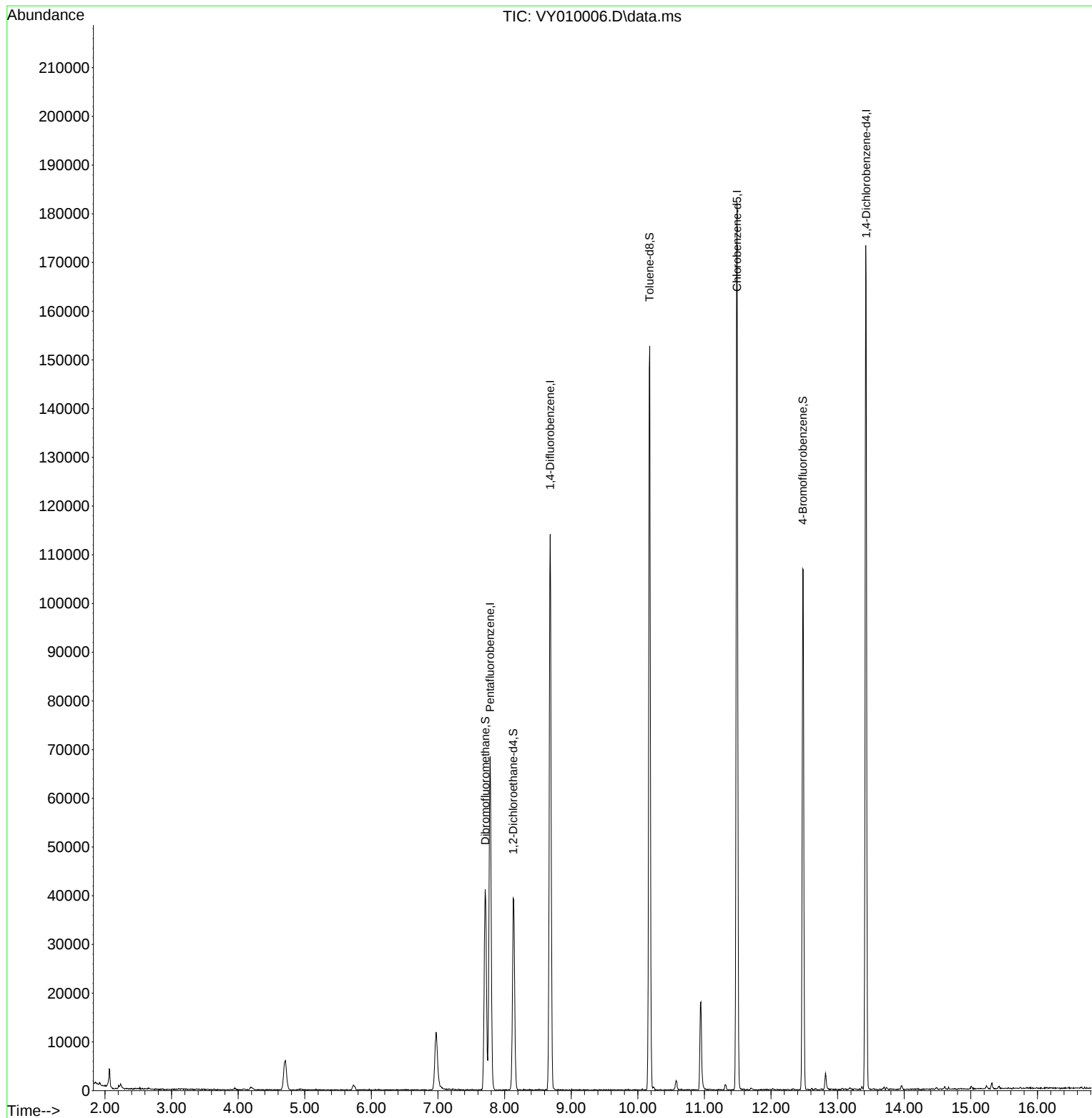
Target Compounds	Qvalue

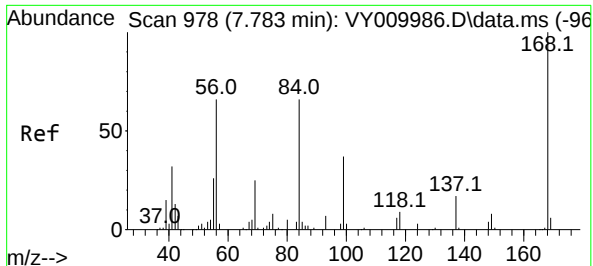
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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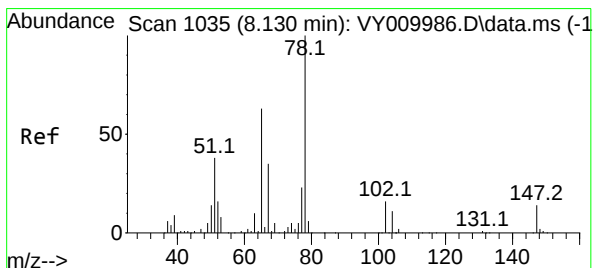
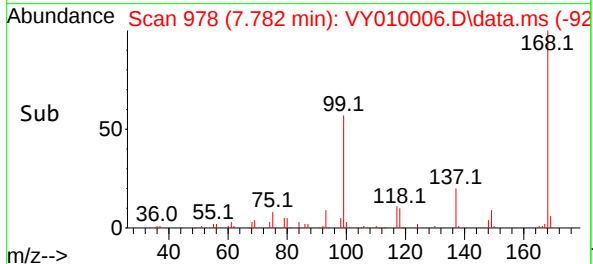
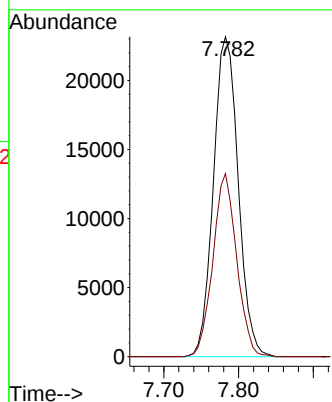
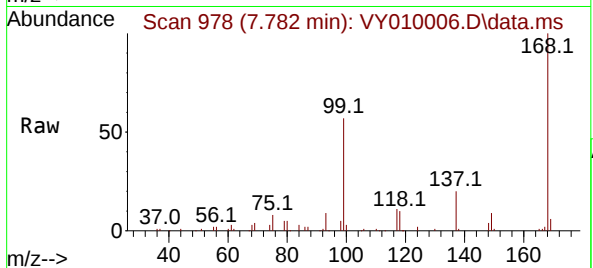




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010006.D
Acq: 14 Aug 2022 18:40

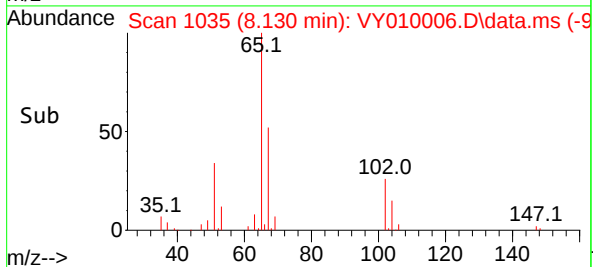
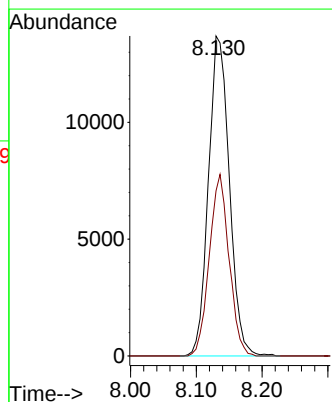
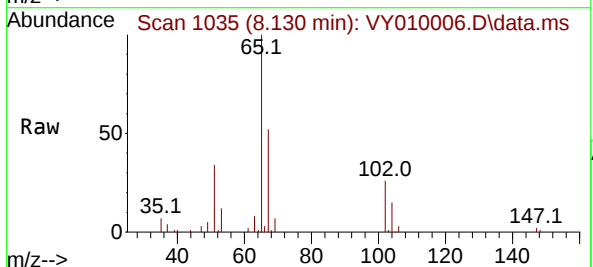
Instrument :
MSVOA_Y
ClientSampleId :
SB18

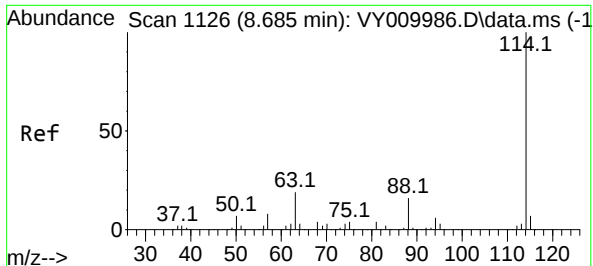
Tgt Ion:168 Resp: 53318
Ion Ratio Lower Upper
168 100
99 57.2 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 55.979 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY010006.D
Acq: 14 Aug 2022 18:40

Tgt Ion: 65 Resp: 30277
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010006.D

Acq: 14 Aug 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

SB18

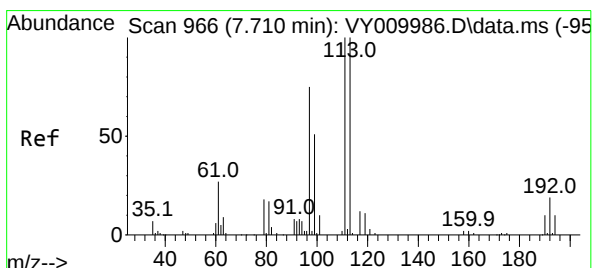
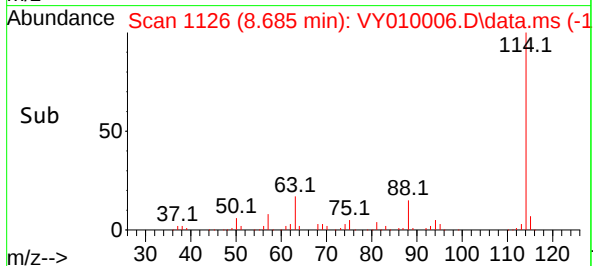
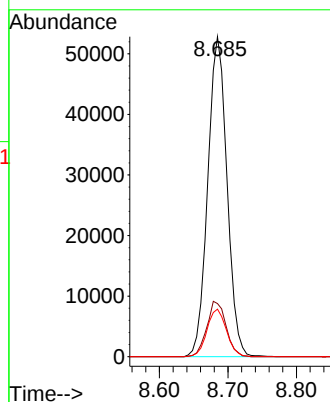
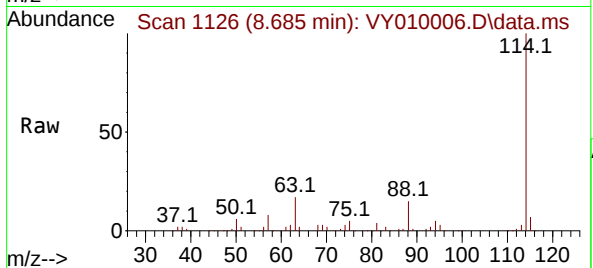
Tgt Ion:114 Resp: 103133

Ion Ratio Lower Upper

114 100

63 16.6 0.0 38.0

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 47.819 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010006.D

Acq: 14 Aug 2022 18:40

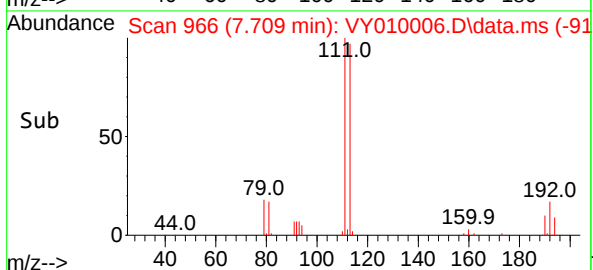
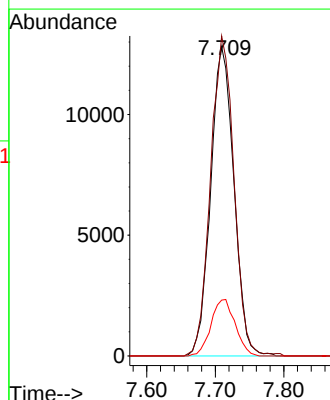
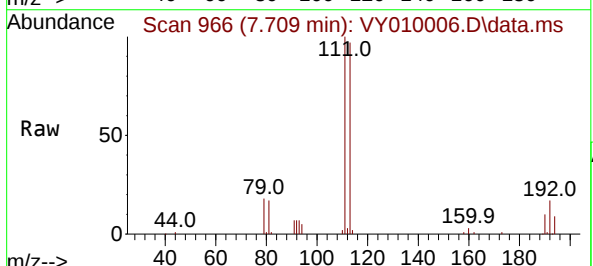
Tgt Ion:113 Resp: 30184

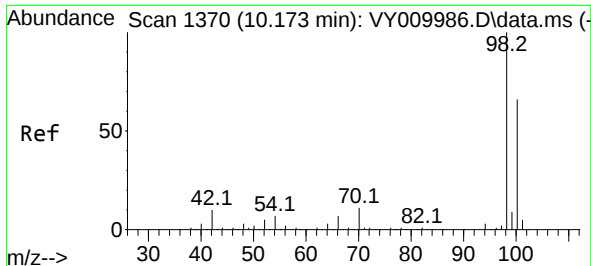
Ion Ratio Lower Upper

113 100

111 104.3 80.6 120.8

192 19.0 16.2 24.4

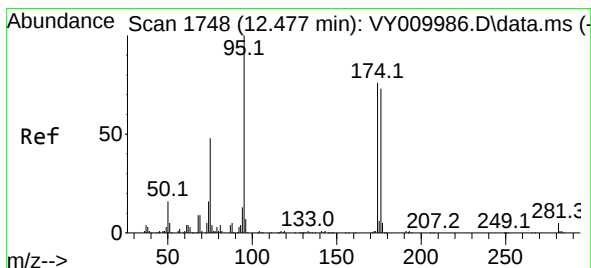
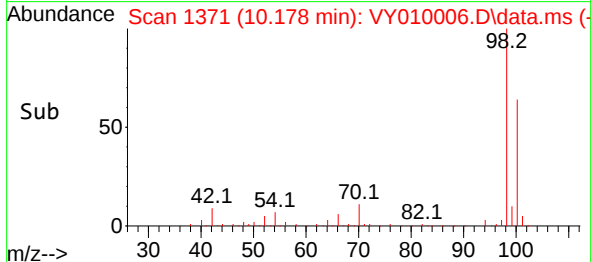
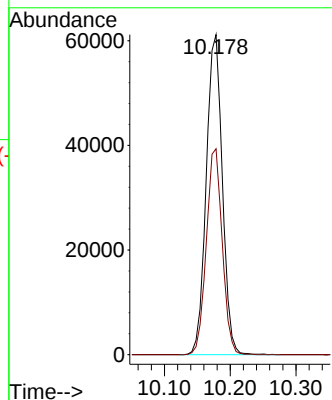
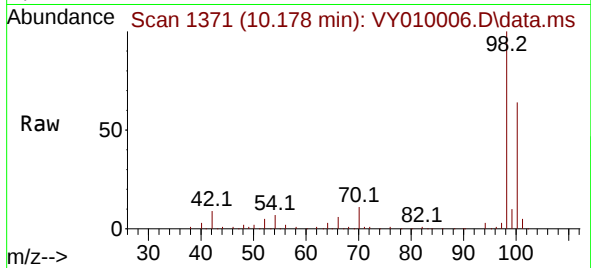




#50
Toluene-d8
Concen: 43.044 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010006.D
Acq: 14 Aug 2022 18:40

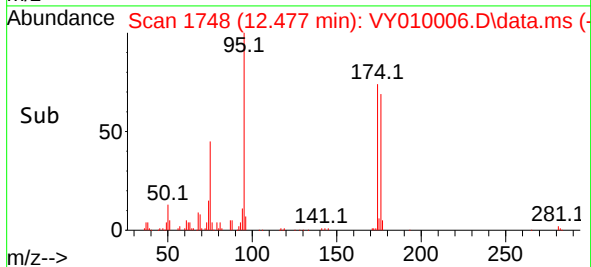
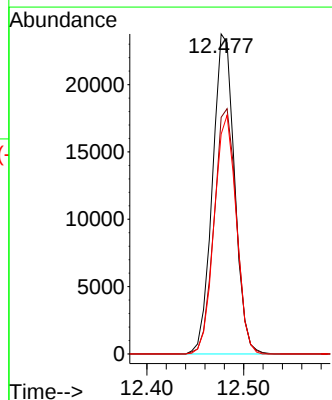
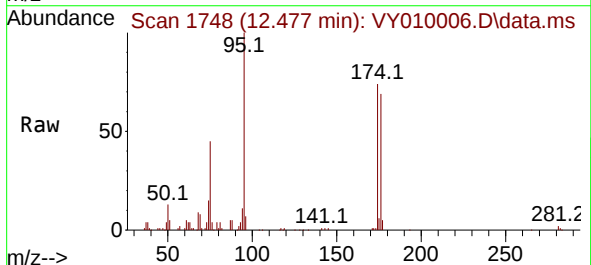
Instrument :
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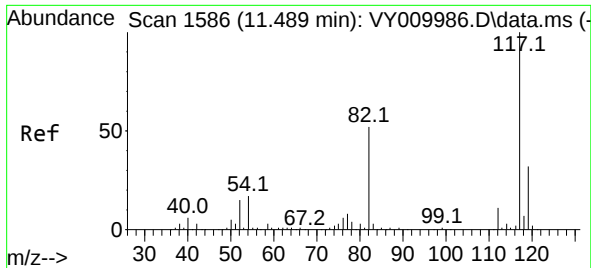
Tgt Ion: 98 Resp: 104106
Ion Ratio Lower Upper
98 100
100 63.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 42.349 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010006.D
Acq: 14 Aug 2022 18:40

Tgt Ion: 95 Resp: 37527
Ion Ratio Lower Upper
95 100
174 77.7 0.0 173.8
176 74.7 0.0 167.0

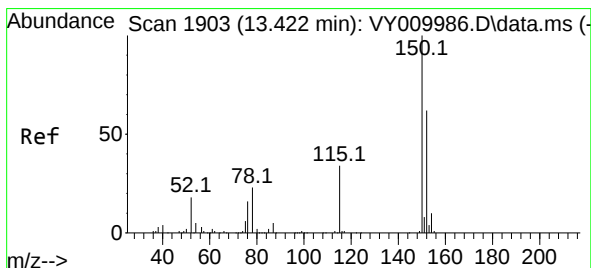
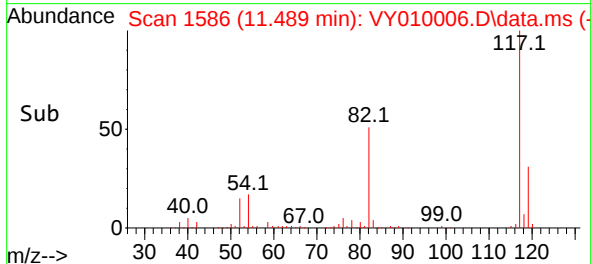
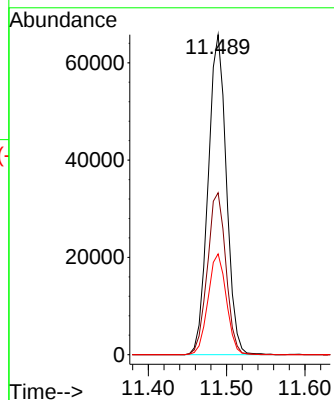
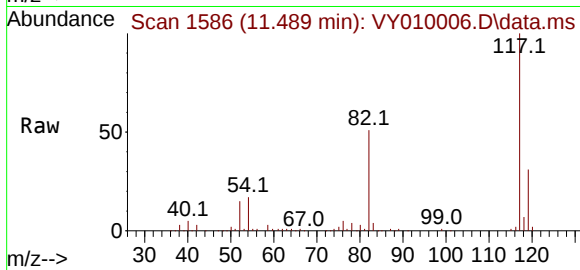




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010006.D
Acq: 14 Aug 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
SB18

Tgt Ion:117 Resp: 106172
Ion Ratio Lower Upper
117 100
82 50.6 41.8 62.6
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010006.D
Acq: 14 Aug 2022 18:40

Tgt Ion:152 Resp: 47194
Ion Ratio Lower Upper
152 100
115 59.4 28.6 85.9
150 156.2 0.0 349.8

