

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010009.D
 Acq On : 14 Aug 2022 19:50
 Operator : KP/MD
 Sample : N4189-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB15

Quant Time: Aug 15 00:41:41 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	7.783	168	75073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66933	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39298	51.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.200%
35) Dibromofluoromethane	7.710	113	40530	45.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.480%
50) Toluene-d8	10.179	98	144197	42.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.020%
62) 4-Bromofluorobenzene	12.477	95	50628	40.258	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.520%

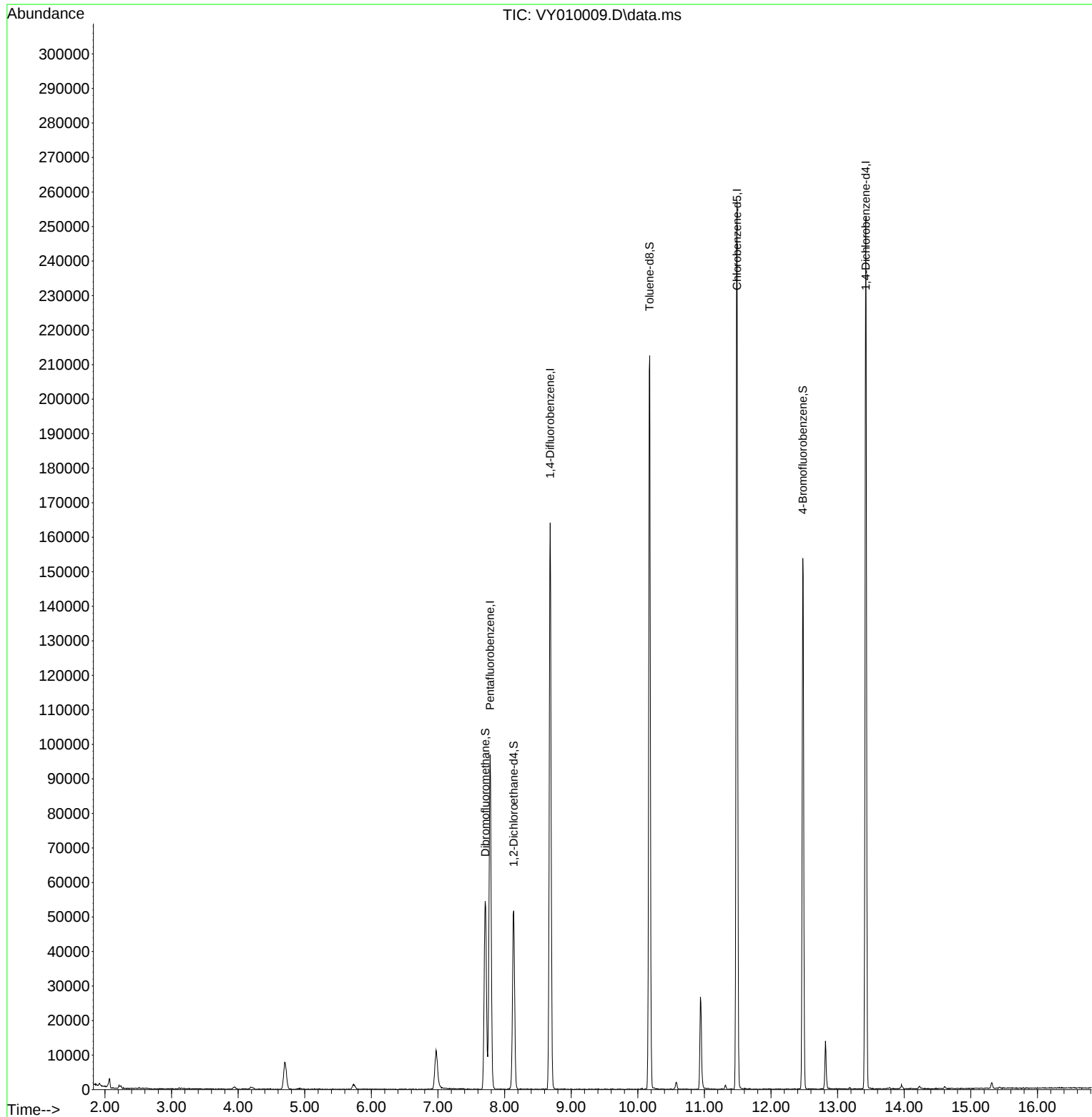
Target Compounds	Qvalue

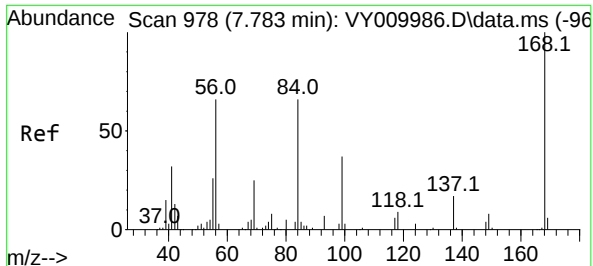
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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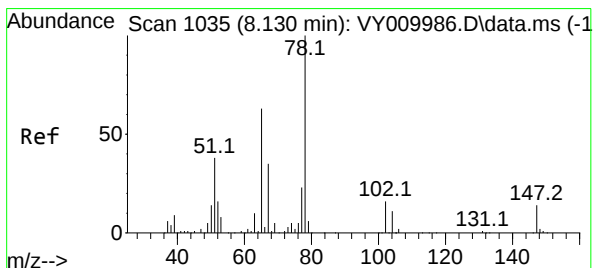
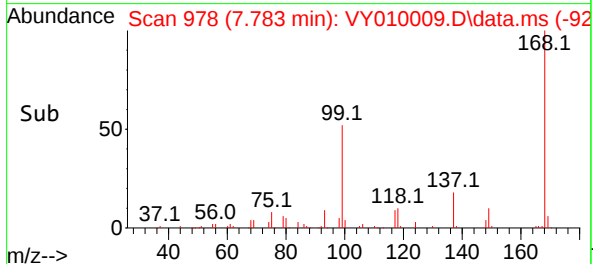
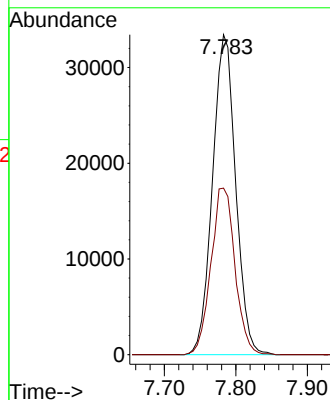
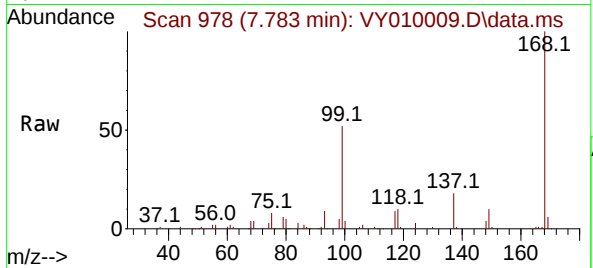




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

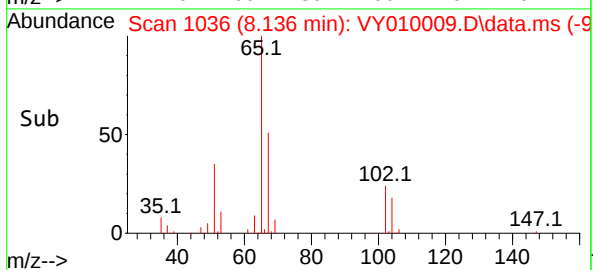
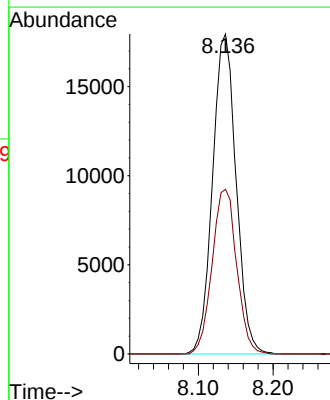
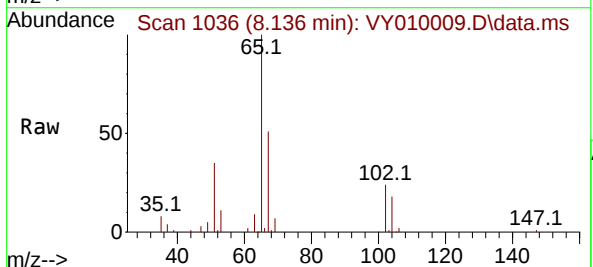
Instrument :
MSVOA_Y
ClientSampleId :
SB15

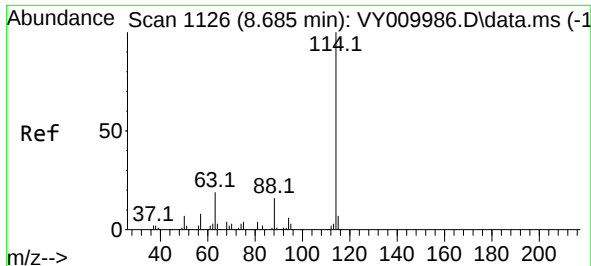
Tgt Ion:168 Resp: 75073
Ion Ratio Lower Upper
168 100
99 52.0 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 51.603 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion: 65 Resp: 39298
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4

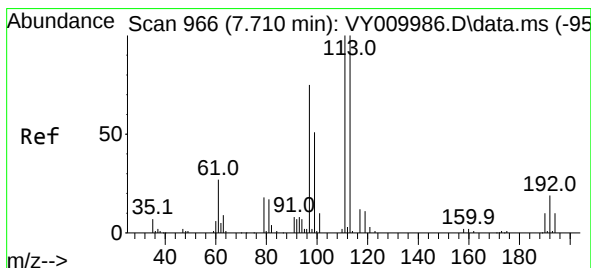
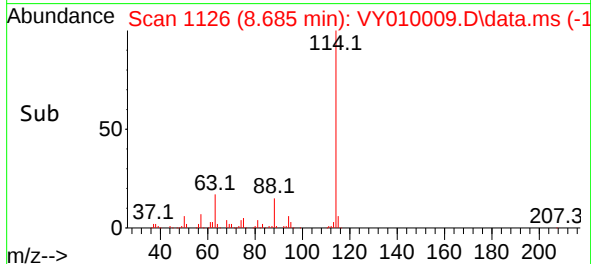
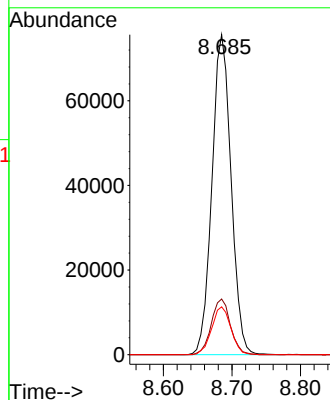
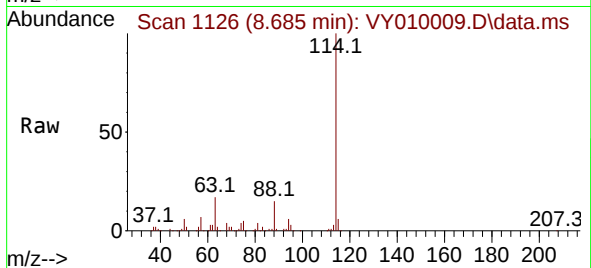




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

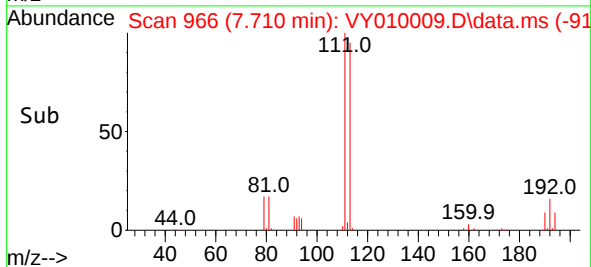
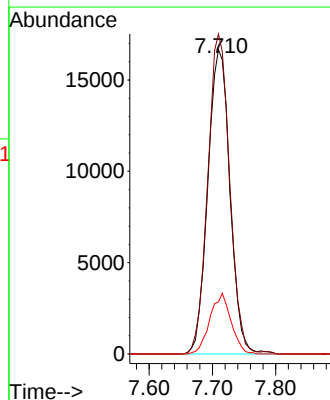
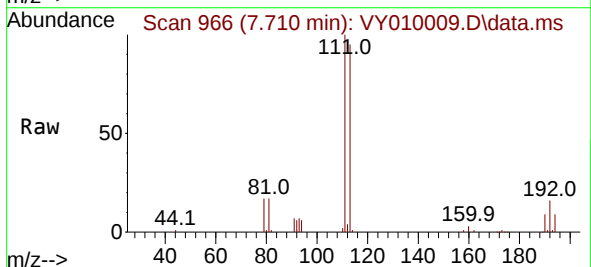
Instrument :
MSVOA_Y
ClientSampleId :
SB15

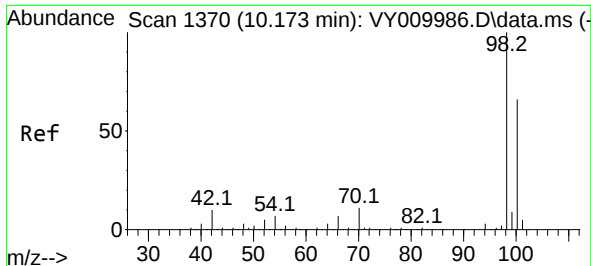
Tgt Ion:114 Resp: 146364
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.0
88 14.9 0.0 30.0



#35
Dibromofluoromethane
Concen: 45.244 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion:113 Resp: 40530
Ion Ratio Lower Upper
113 100
111 103.7 80.6 120.8
192 19.1 16.2 24.4

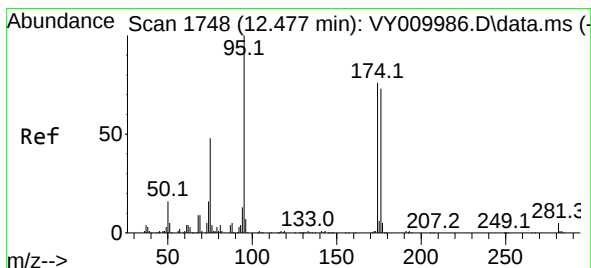
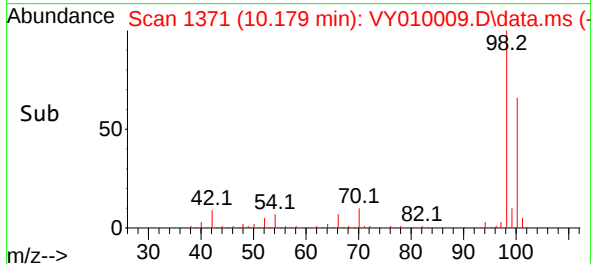
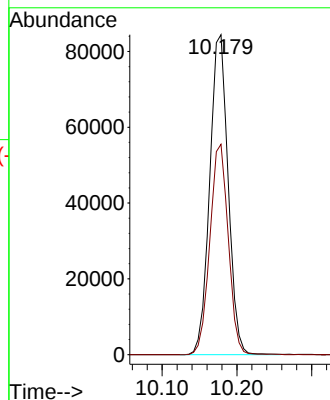
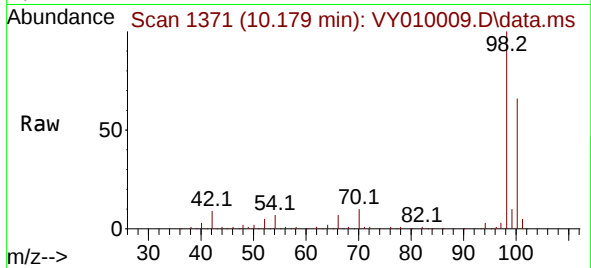




#50
Toluene-d8
Concen: 42.010 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

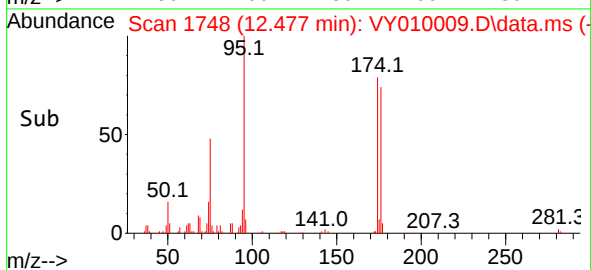
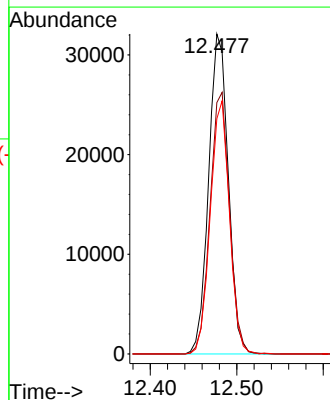
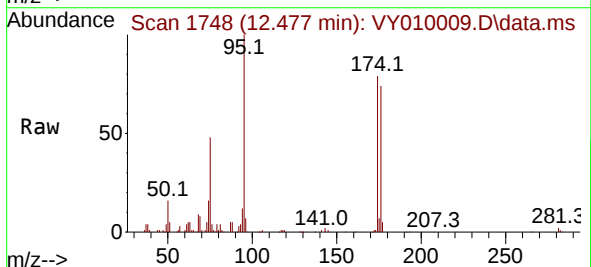
Instrument :
MSVOA_Y
ClientSampleId :
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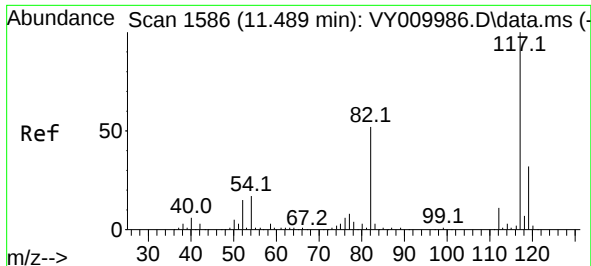
Tgt Ion: 98 Resp: 144197
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 40.258 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion: 95 Resp: 50628
Ion Ratio Lower Upper
95 100
174 81.3 0.0 173.8
176 77.1 0.0 167.0

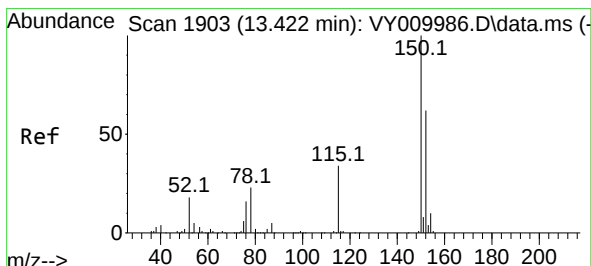
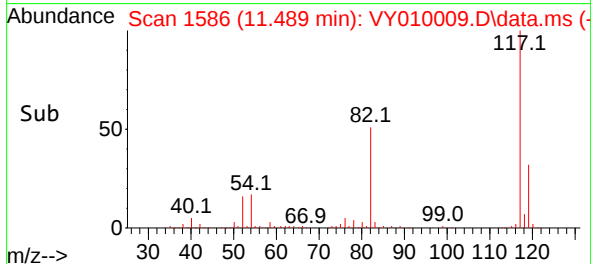
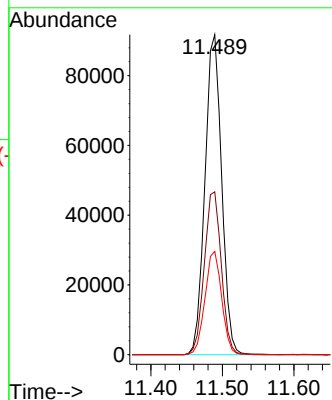
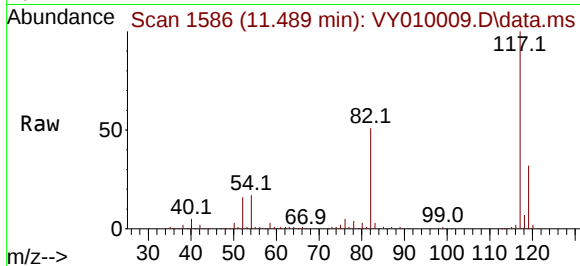




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :
SB15

Tgt Ion:117 Resp: 149193
Ion Ratio Lower Upper
117 100
82 50.9 41.8 62.6
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion:152 Resp: 66933
Ion Ratio Lower Upper
152 100
115 59.6 28.6 85.9
150 158.6 0.0 349.8

