

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009890.D
 Acq On : 08 Aug 2022 22:49
 Operator : KP/MD
 Sample : VY0808SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBL02

Quant Time: Aug 09 02:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	60254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	118288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28949	62.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.700%
35) Dibromofluoromethane	7.710	113	25990	40.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.960%
50) Toluene-d8	10.173	98	102743	53.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.477	95	31079	34.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.320%

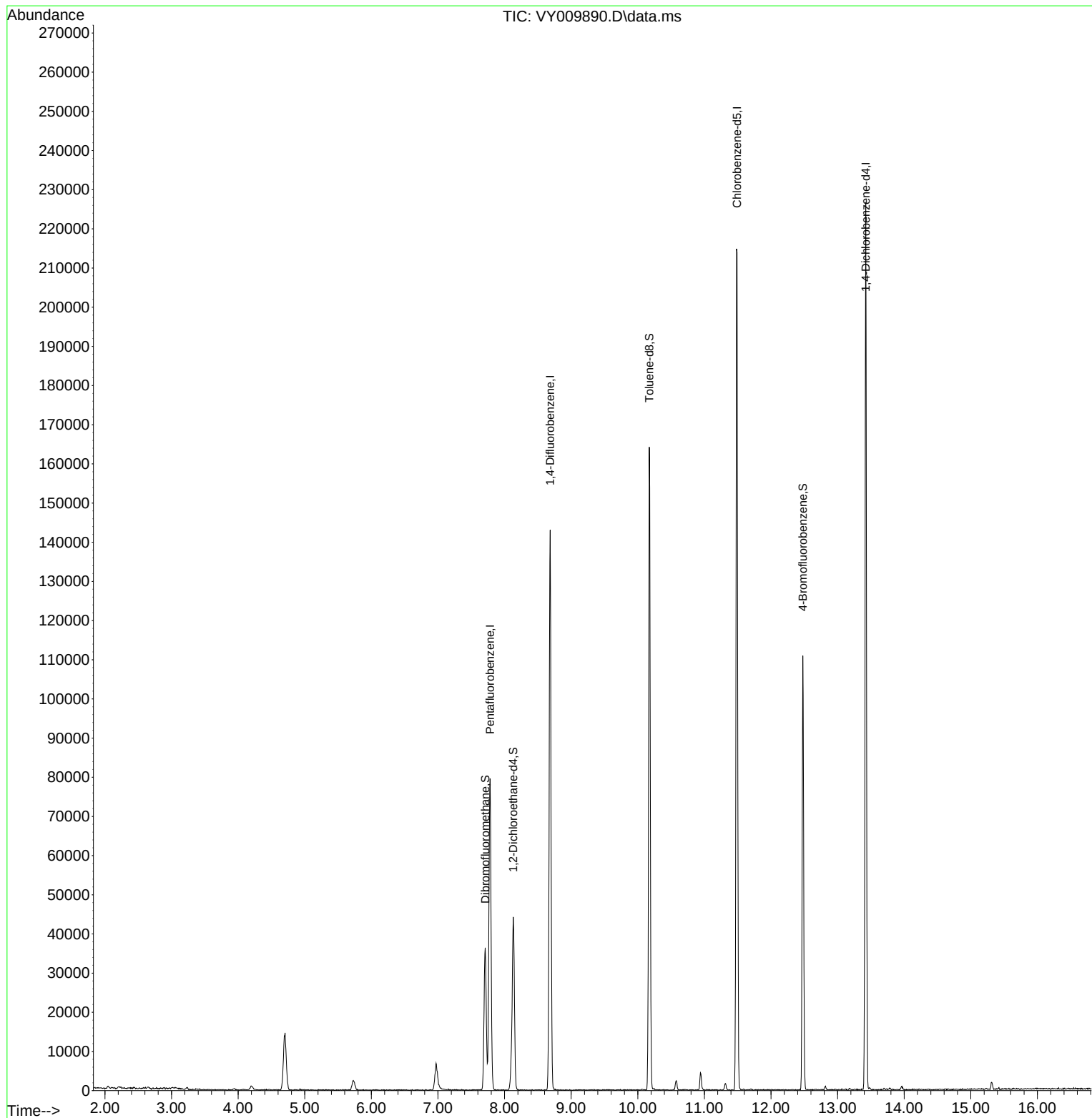
Target Compounds	Qvalue

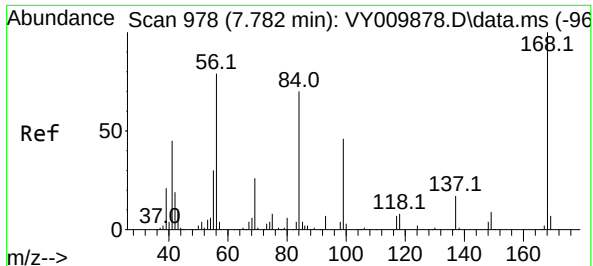
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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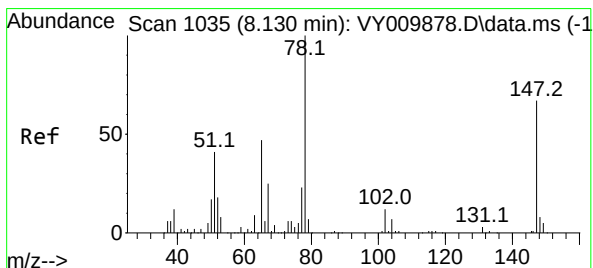
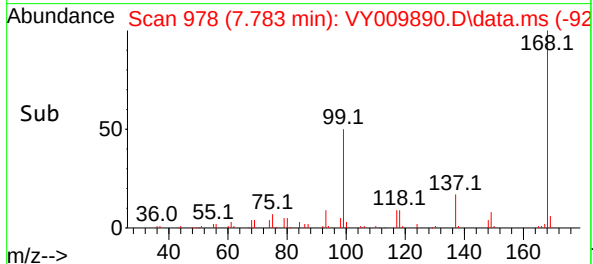
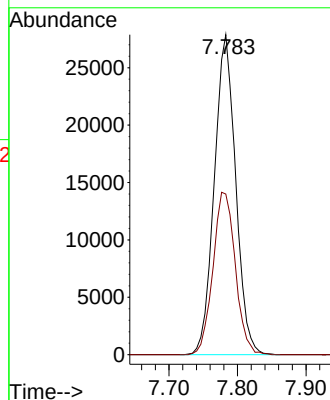
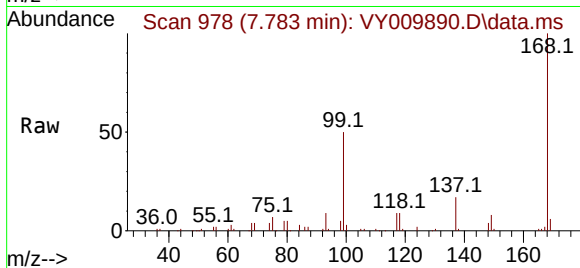




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

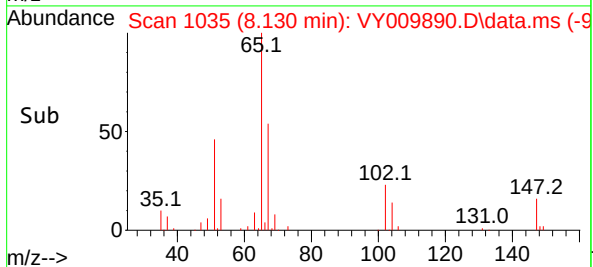
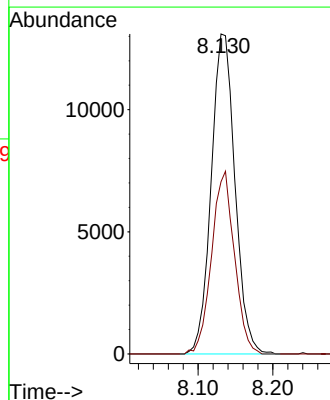
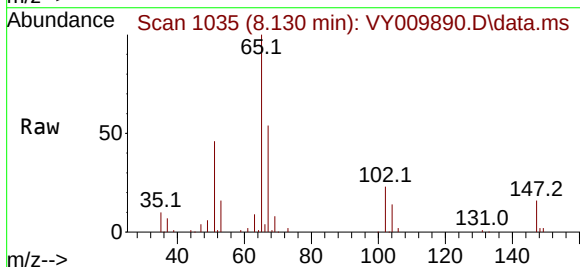
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL02

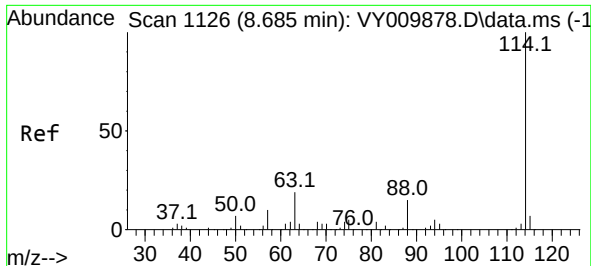
Tgt Ion:168 Resp: 60254
Ion Ratio Lower Upper
168 100
99 50.2 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 62.849 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Tgt Ion: 65 Resp: 28949
Ion Ratio Lower Upper
65 100
67 55.0 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: VY009890.D

Acq: 08 Aug 2022 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0808SBL02

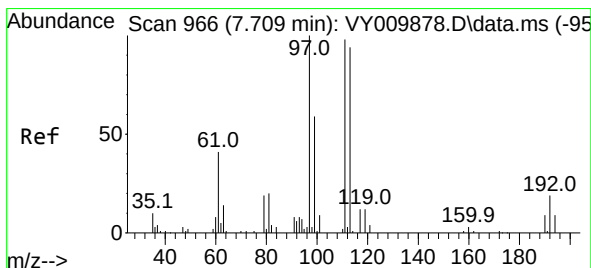
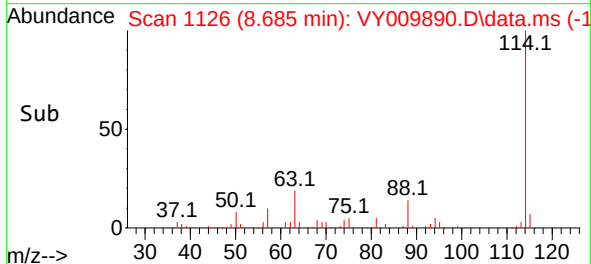
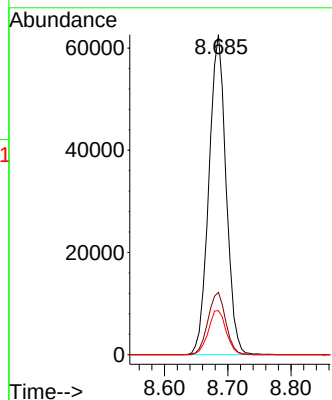
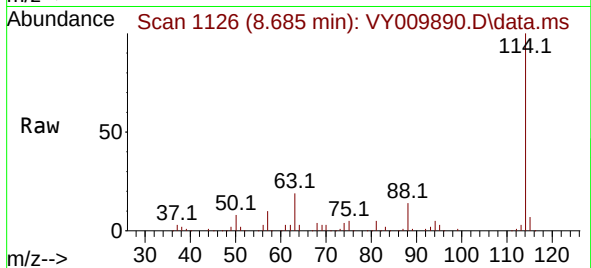
Tgt Ion:114 Resp: 118288

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 13.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 40.475 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009890.D

Acq: 08 Aug 2022 22:49

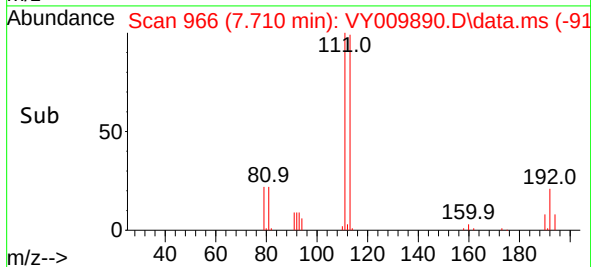
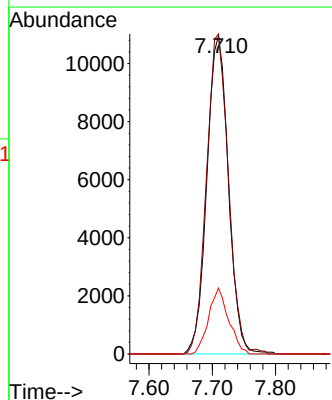
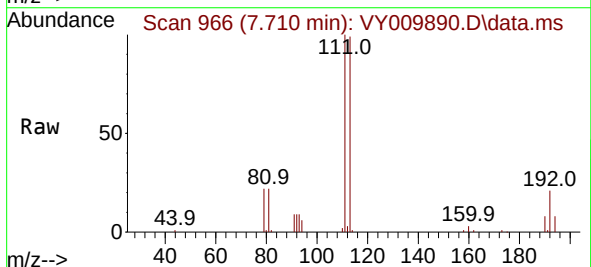
Tgt Ion:113 Resp: 25990

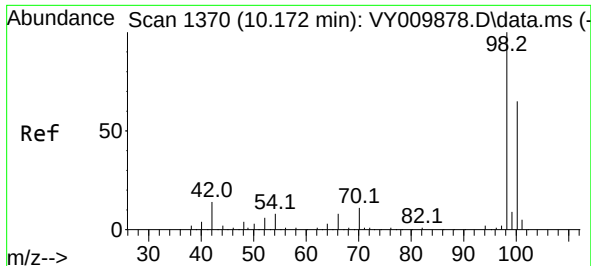
Ion Ratio Lower Upper

113 100

111 102.1 80.6 120.8

192 19.3 16.2 24.4

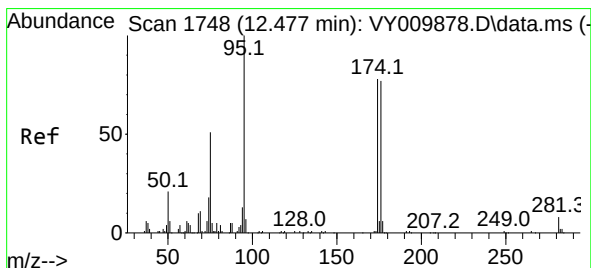
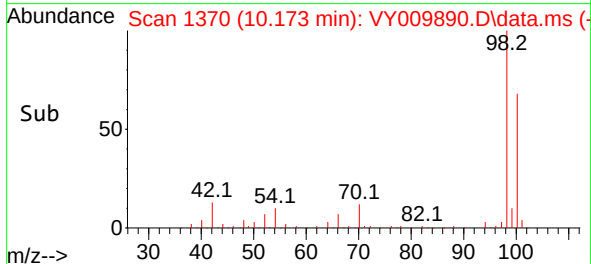
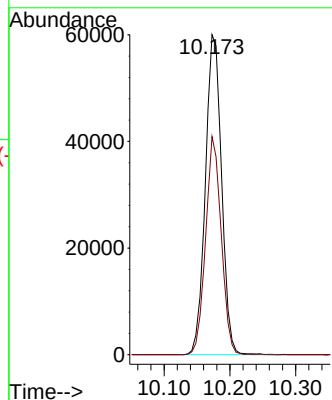
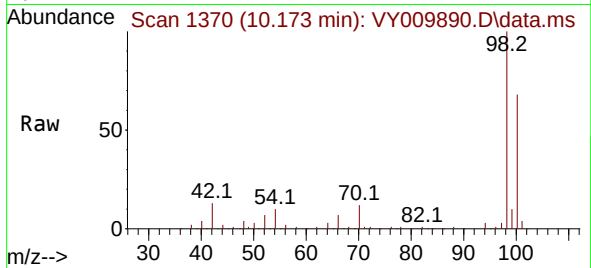




#50
Toluene-d8
Concen: 53.260 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

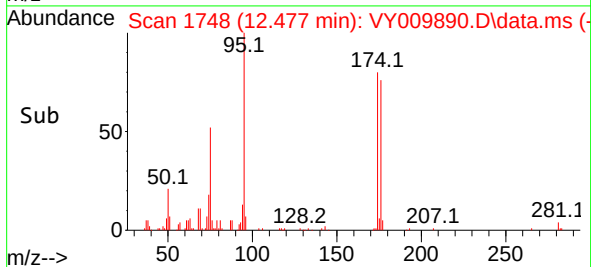
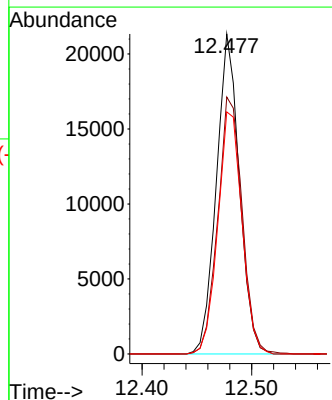
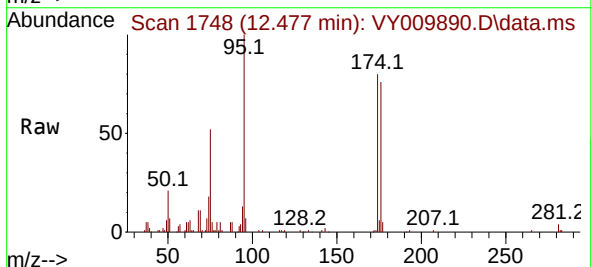
Instrument :
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ClientSampleId :
VY0808SBL02

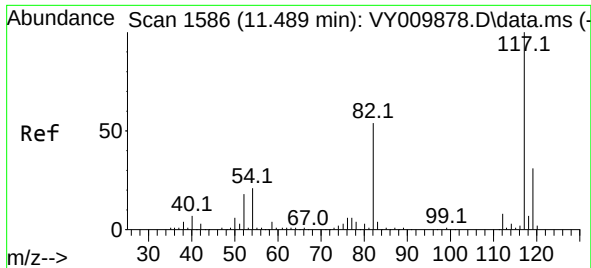
Tgt Ion: 98 Resp: 102743
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.664 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Tgt Ion: 95 Resp: 31079
Ion Ratio Lower Upper
95 100
174 85.0 0.0 173.8
176 79.4 0.0 167.0

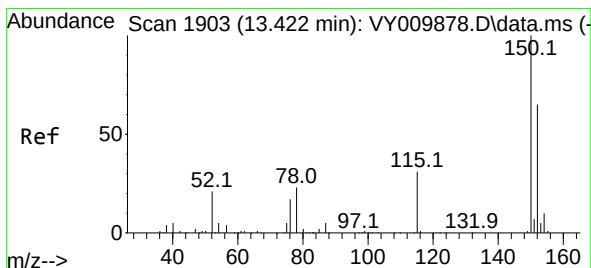
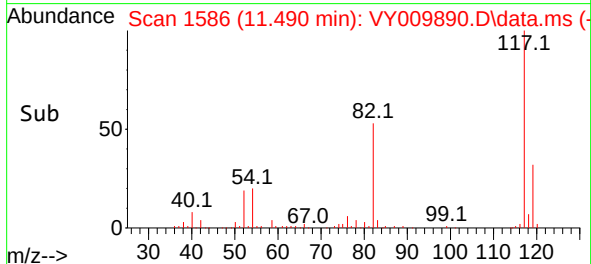
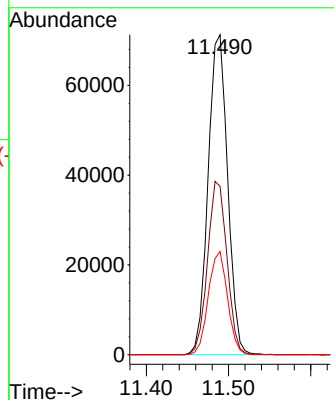
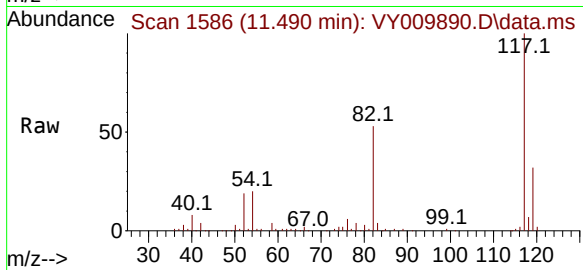




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117392
Delta R.T. 0.001 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.6
119	32.2	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: VY009890.D
Acq: 08 Aug 2022 22:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.6	85.9
150	156.8	0.0	349.8

