

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009590.D
 Acq On : 19 Jul 2022 15:28
 Operator : KP/MD
 Sample : N3651-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1-(6-12)

Quant Time: Jul 20 02:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

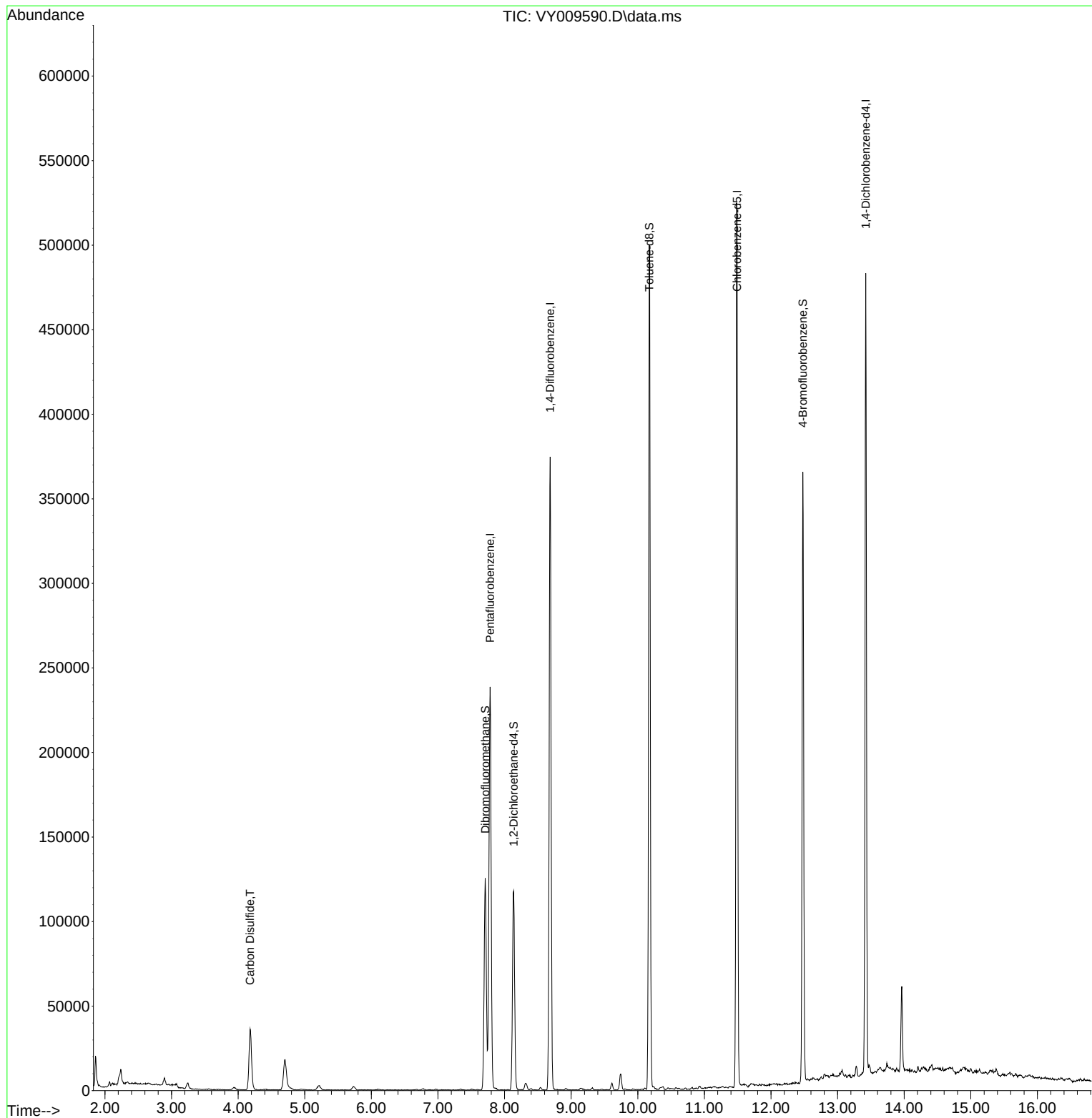
Internal Standards						
1) Pentafluorobenzene	7.783	168	195418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92010	49.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.560%
35) Dibromofluoromethane	7.710	113	87012	41.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.060%
50) Toluene-d8	10.173	98	330727	41.061	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.120%
62) 4-Bromofluorobenzene	12.477	95	100438	38.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	76.960%
Target Compounds						
17) Carbon Disulfide	4.180	76	73268	13.115	ug/l	Qvalue 99

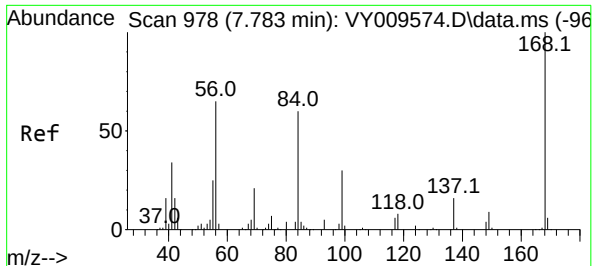
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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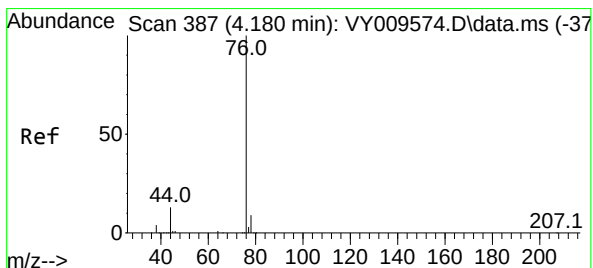
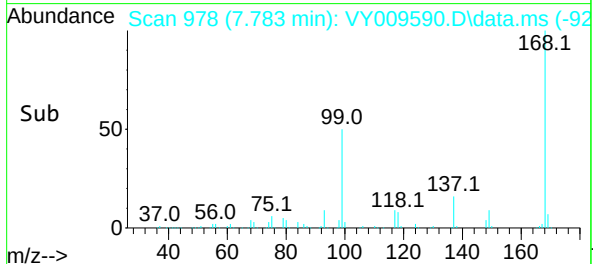
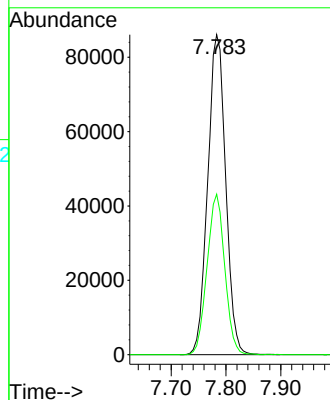
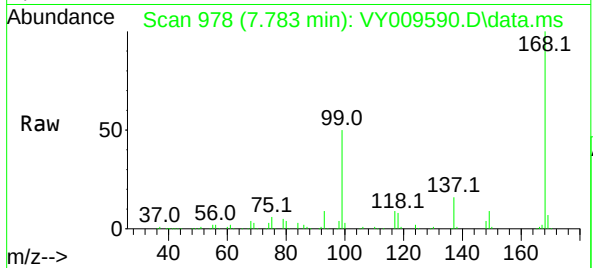




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009590.D
Acq: 19 Jul 2022 15:28

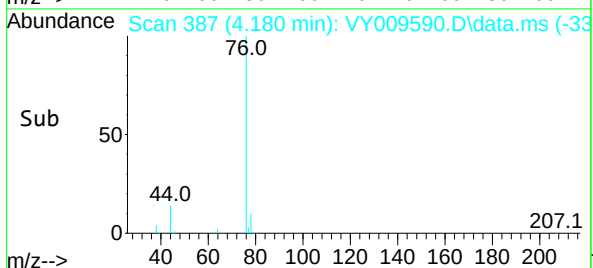
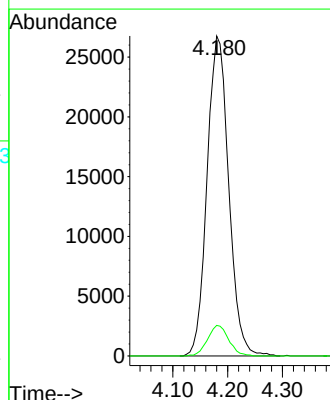
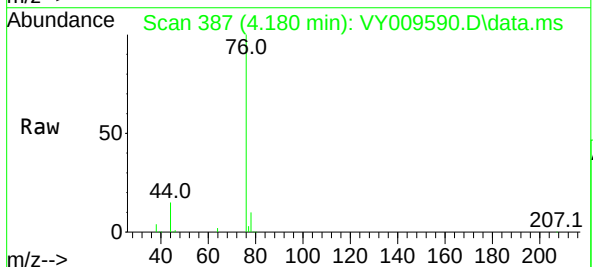
Instrument :
MSVOA_Y
ClientSampleId :
SED-1-(6-12)

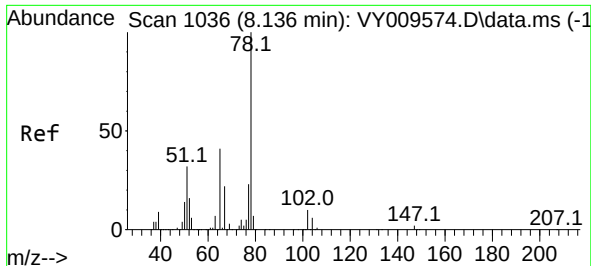
Tgt Ion:168 Resp: 195418
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#17
Carbon Disulfide
Concen: 13.115 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009590.D
Acq: 19 Jul 2022 15:28

Tgt Ion: 76 Resp: 73268
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

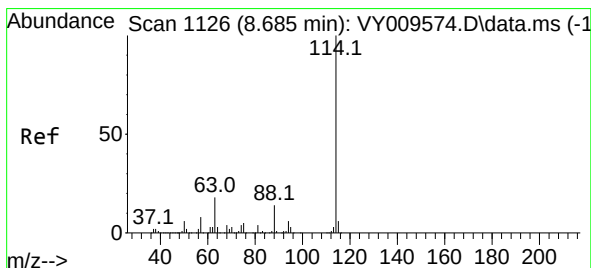
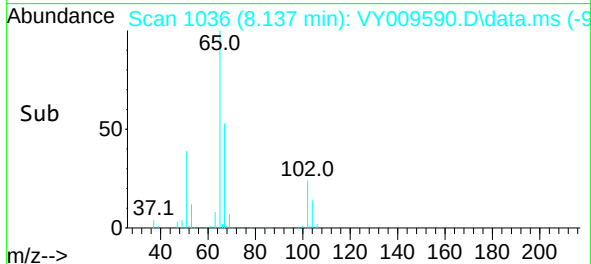
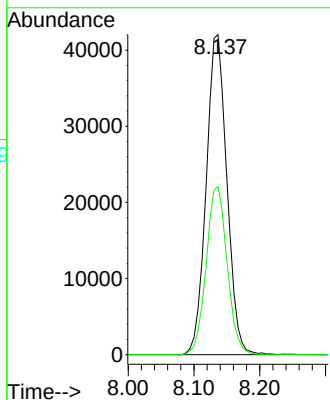
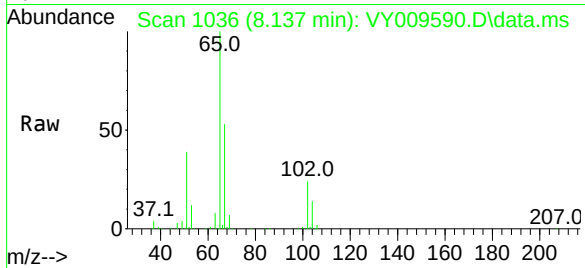




#33
 1,2-Dichloroethane-d4
 Concen: 49.784 ug/l
 RT: 8.137 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY009590.D
 Acq: 19 Jul 2022 15:28

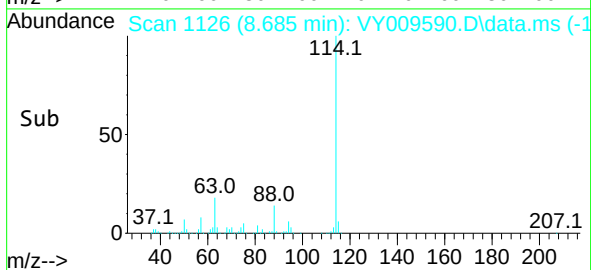
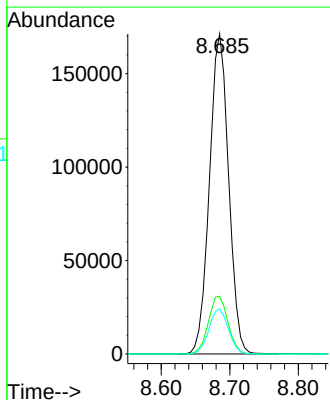
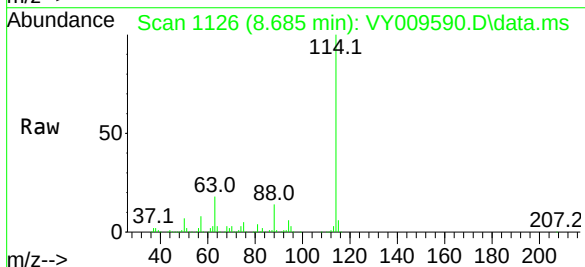
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1-(6-12)

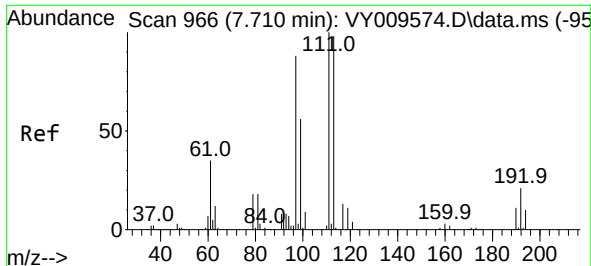
Tgt Ion: 65 Resp: 92010
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009590.D
 Acq: 19 Jul 2022 15:28

Tgt Ion: 114 Resp: 332568
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 43.2
 88 14.1 0.0 31.8

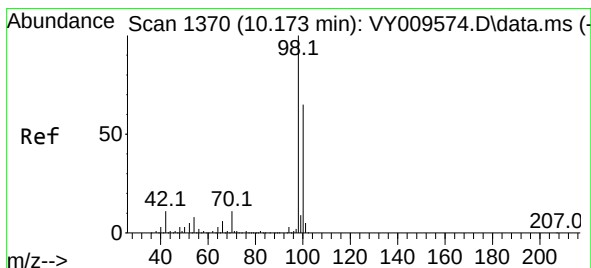
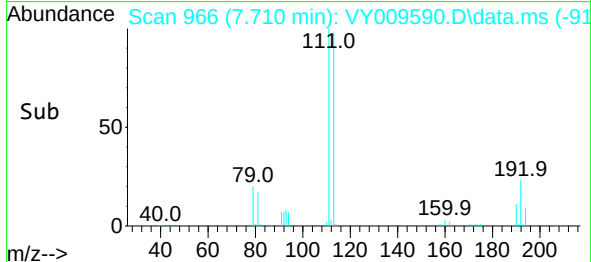
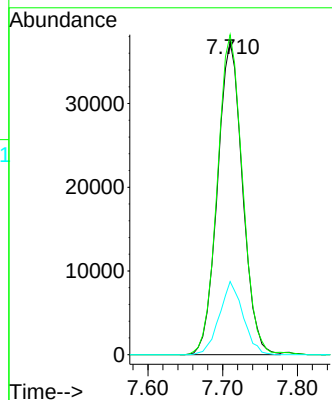
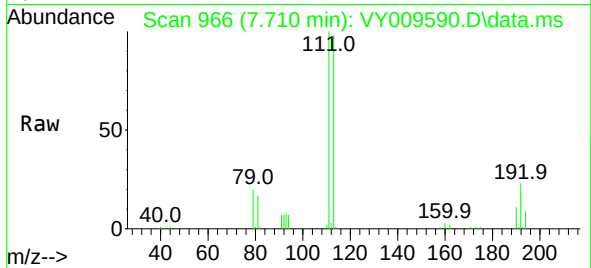




#35
Dibromofluoromethane
Concen: 41.530 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009590.D
Acq: 19 Jul 2022 15:28

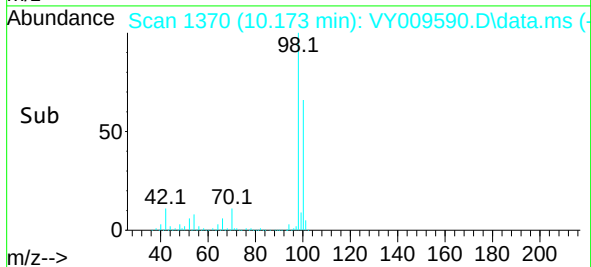
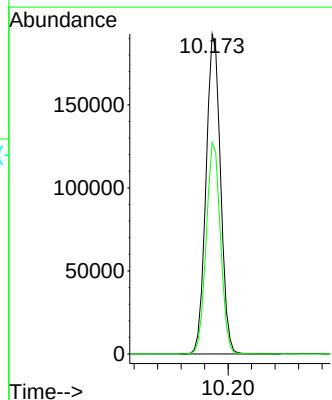
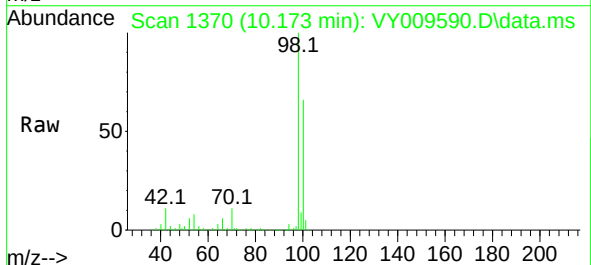
Instrument :
MSVOA_Y
ClientSampleId :
SED-1-(6-12)

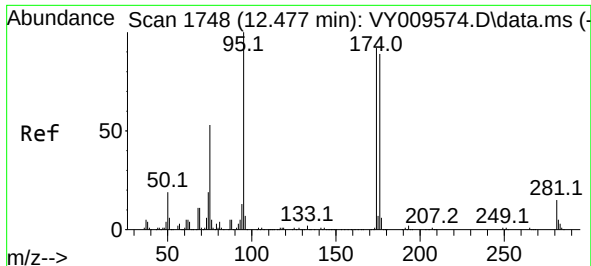
Tgt Ion:113 Resp: 87012
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 22.2 17.6 26.4



#50
Toluene-d8
Concen: 41.061 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009590.D
Acq: 19 Jul 2022 15:28

Tgt Ion: 98 Resp: 330727
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

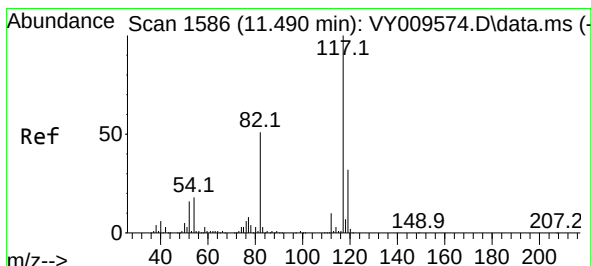
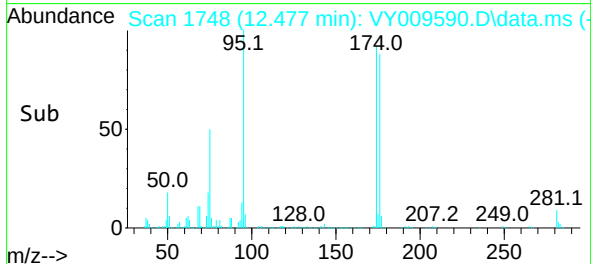
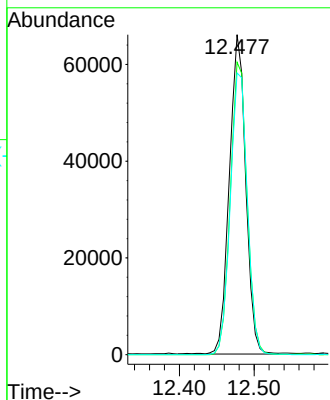
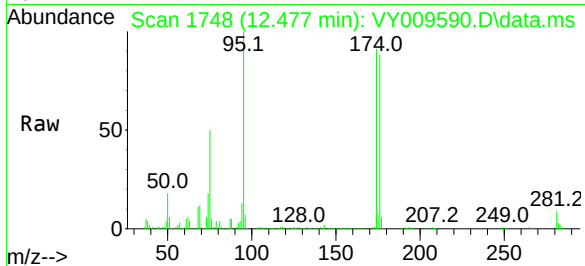




#62
4-Bromofluorobenzene
Concen: 38.484 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009590.D
Acq: 19 Jul 2022 15:28

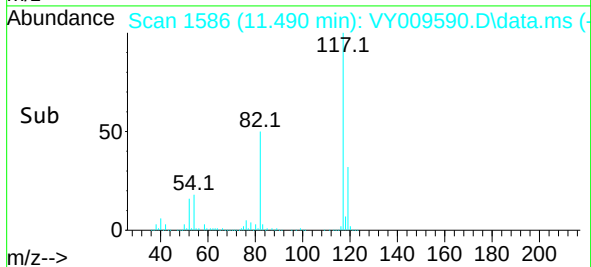
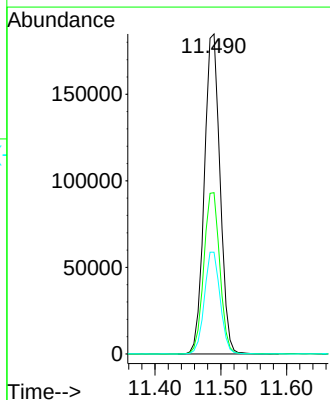
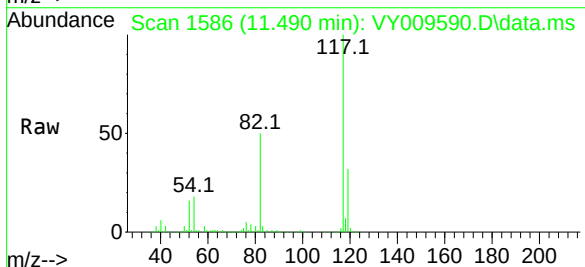
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SED-1-(6-12)

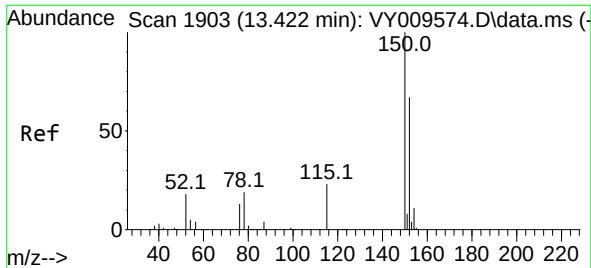
Tgt Ion: 95 Resp: 100438
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 91.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009590.D
Acq: 19 Jul 2022 15:28

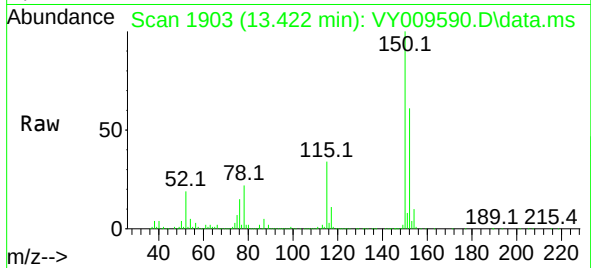
Tgt Ion: 117 Resp: 307033
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009590.D
 Acq: 19 Jul 2022 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1-(6-12)



Tgt Ion:152 Resp: 123440

Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.2	84.7
150	157.9	0.0	347.6

