

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011397.D
 Acq On : 10 Nov 2022 17:46
 Operator : KP/MD
 Sample : N5531-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-33

Quant Time: Nov 10 22:17:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	8522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	13561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	10936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	6213	87.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.000%#
35) Dibromofluoromethane	7.710	113	3104	40.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.680%
50) Toluene-d8	10.179	98	19378	66.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.480%
62) 4-Bromofluorobenzene	12.477	95	4458	44.022	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.040%

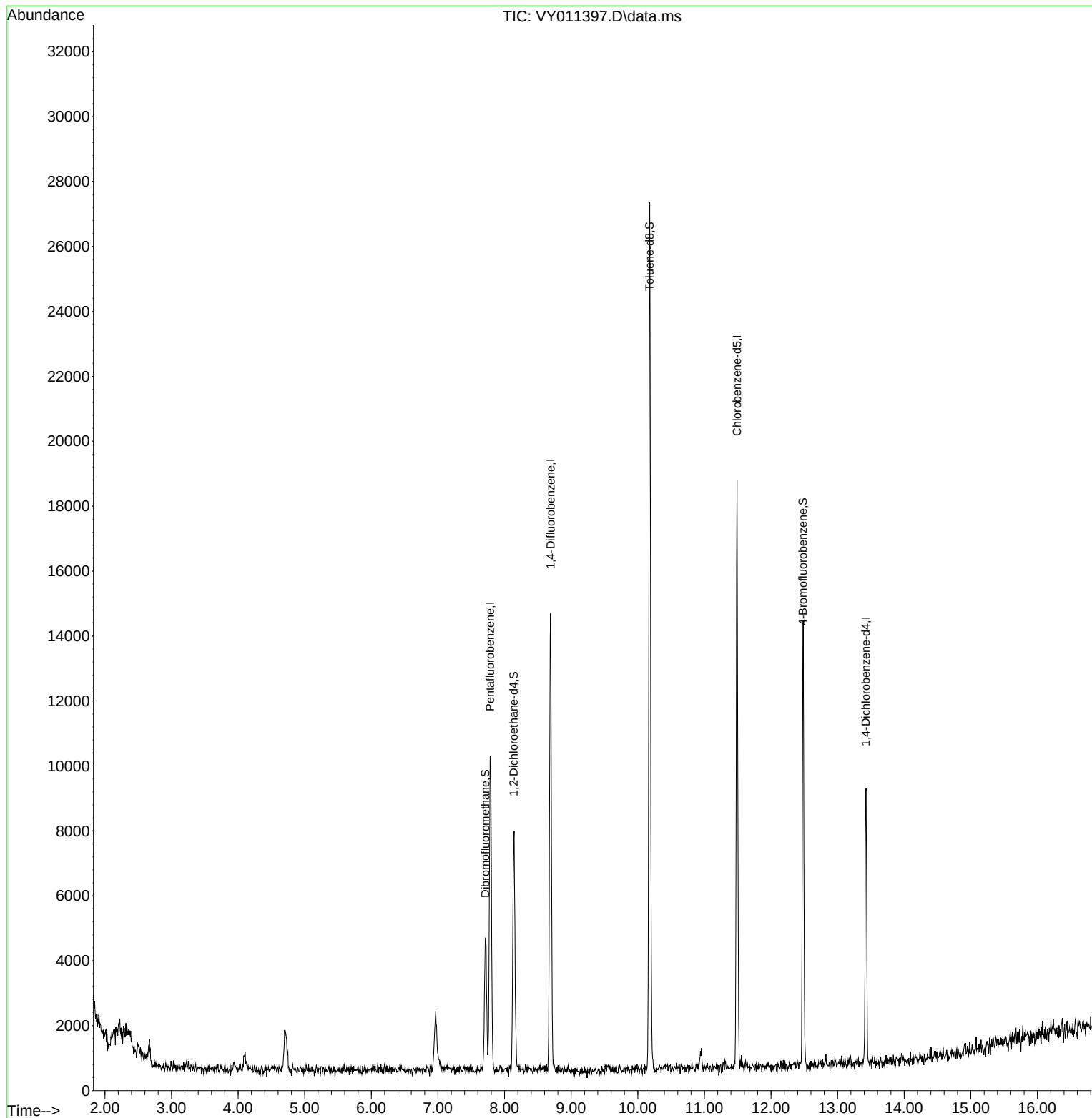
Target Compounds	Qvalue

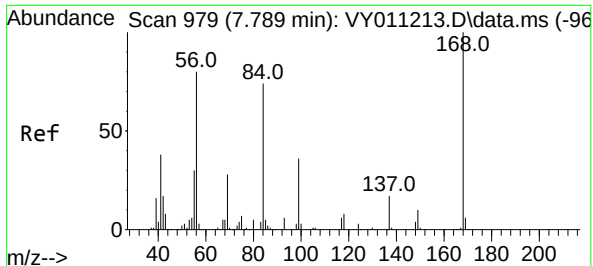
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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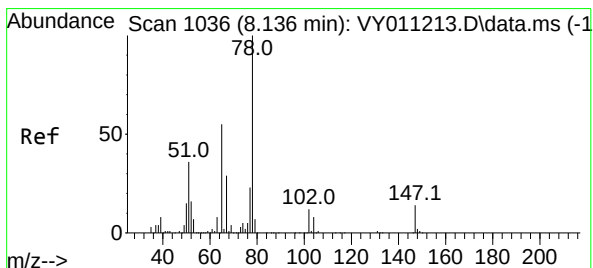
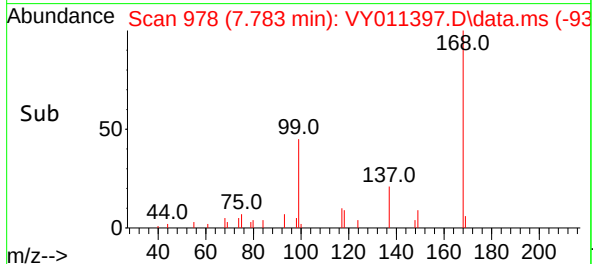
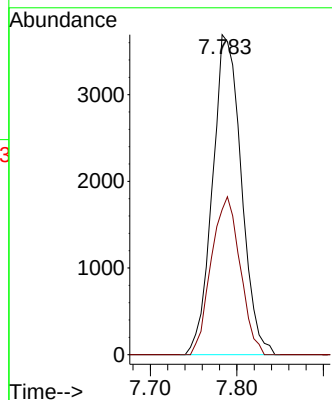
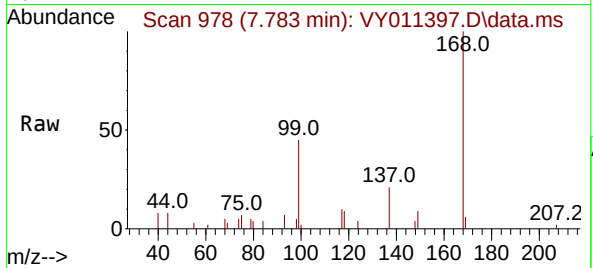




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

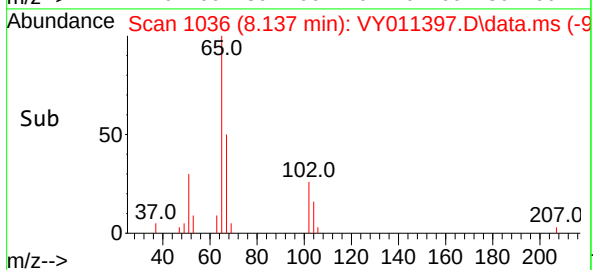
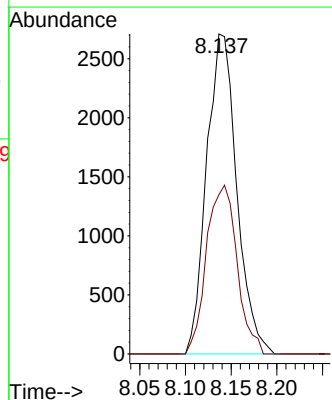
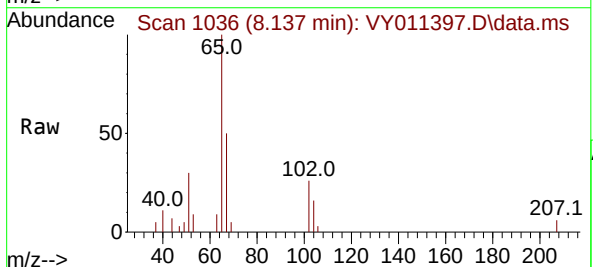
Instrument :
MSVOA_Y
ClientSampleId :
SB-33

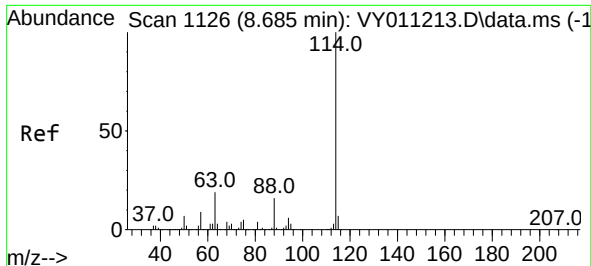
Tgt Ion:168 Resp: 8522
Ion Ratio Lower Upper
168 100
99 45.3 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 87.002 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion: 65 Resp: 6213
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

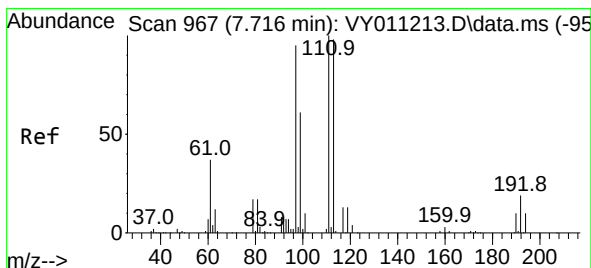
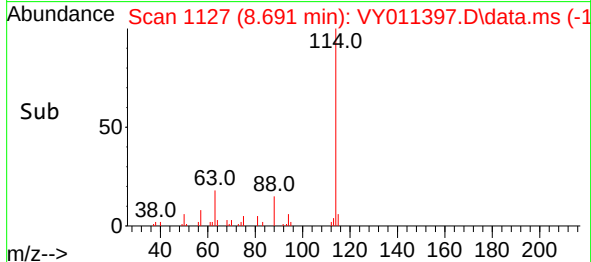
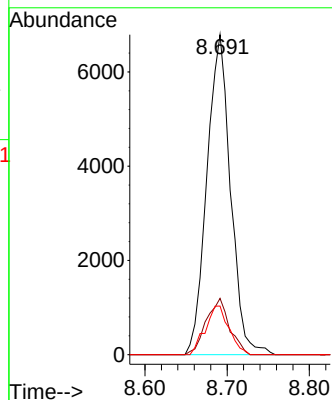
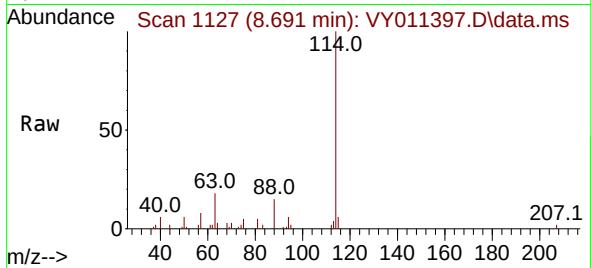




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

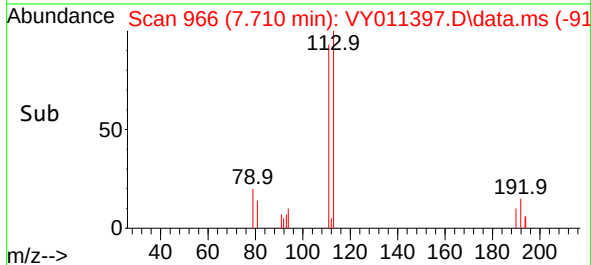
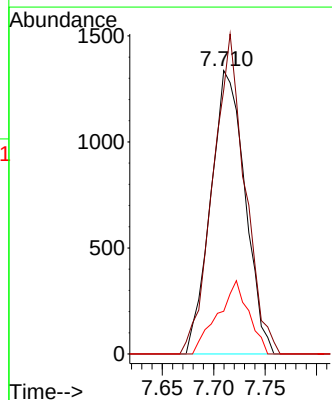
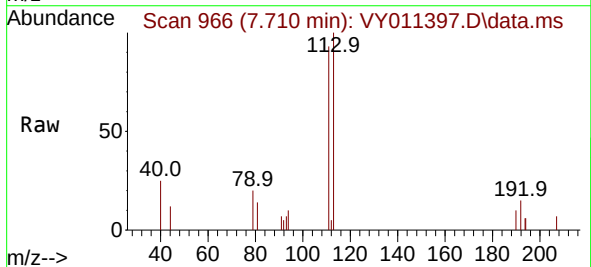
Instrument :
MSVOA_Y
ClientSampleId :
SB-33

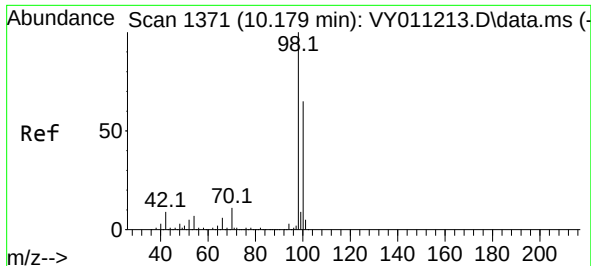
Tgt Ion:	114	Resp:	13561
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	43.2
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 40.843 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion:	113	Resp:	3104
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.6	124.0
192	23.3	17.6	26.4

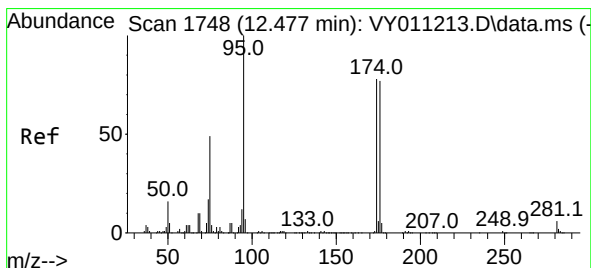
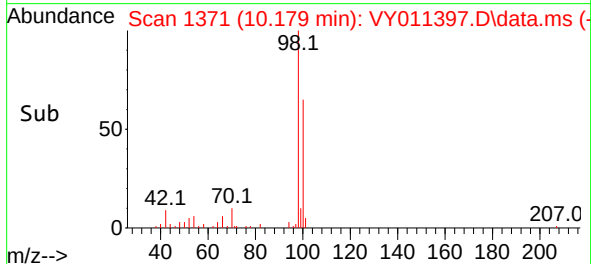
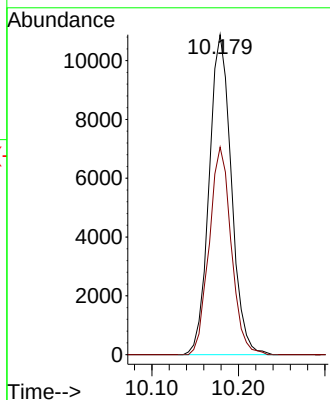
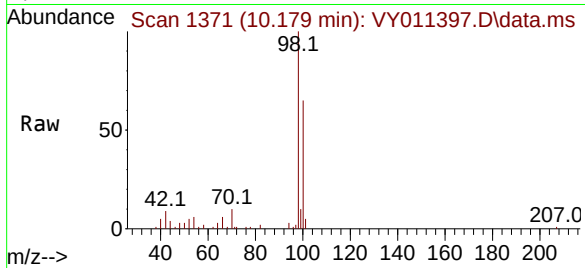




#50
Toluene-d8
Concen: 66.743 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

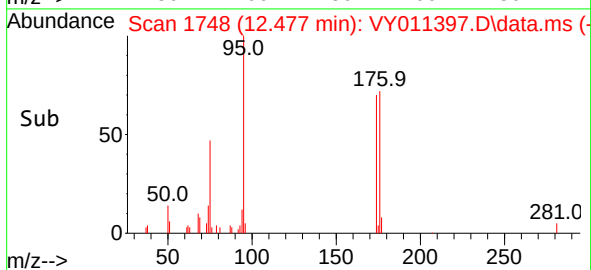
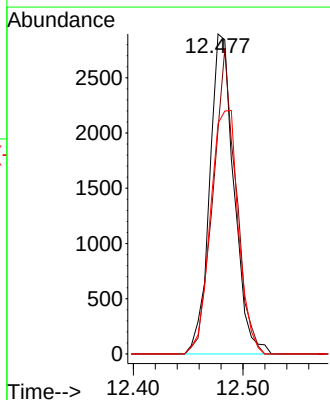
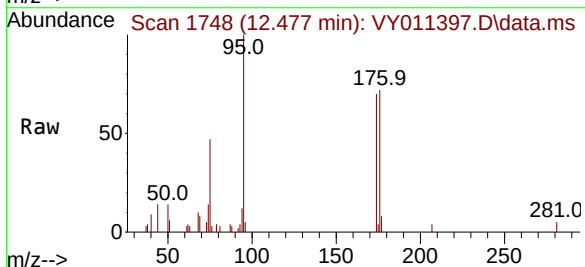
Instrument :
MSVOA_Y
ClientSampleId :
SB-33

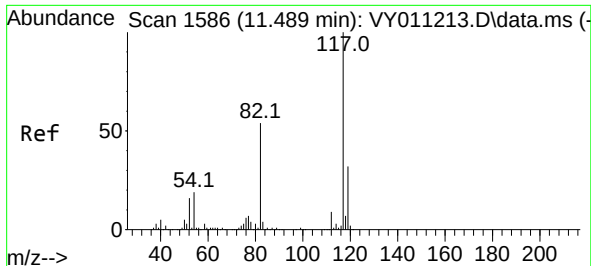
Tgt Ion: 98 Resp: 19378
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.022 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion: 95 Resp: 4458
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 87.5 0.0 175.8

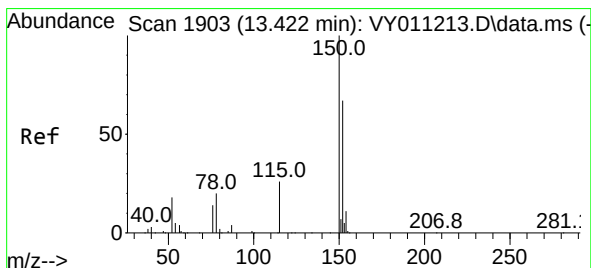
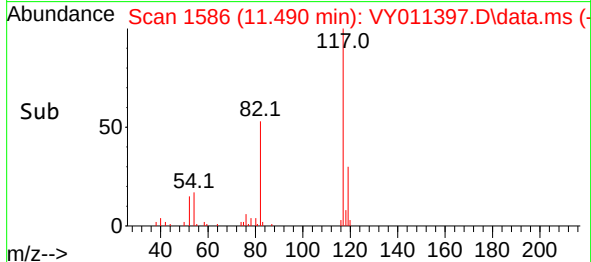
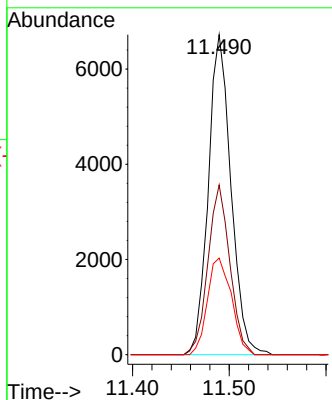
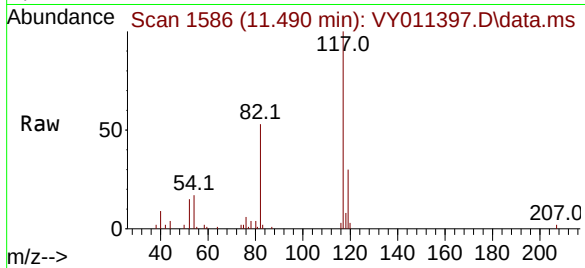




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-33

Tgt Ion:117 Resp: 10936
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 30.2 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: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion:152 Resp: 2791
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 154.5 0.0 347.6

