

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011117.D
 Acq On : 26 Oct 2022 15:35
 Operator : KP/MD
 Sample : N5281-06
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Oct 27 04:39:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	186010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86431	50.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.880%	
35) Dibromofluoromethane	7.710	113	62261	32.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 65.680%	
50) Toluene-d8	10.179	98	276060	39.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 79.500%	
62) 4-Bromofluorobenzene	12.477	95	97403	38.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.820%	

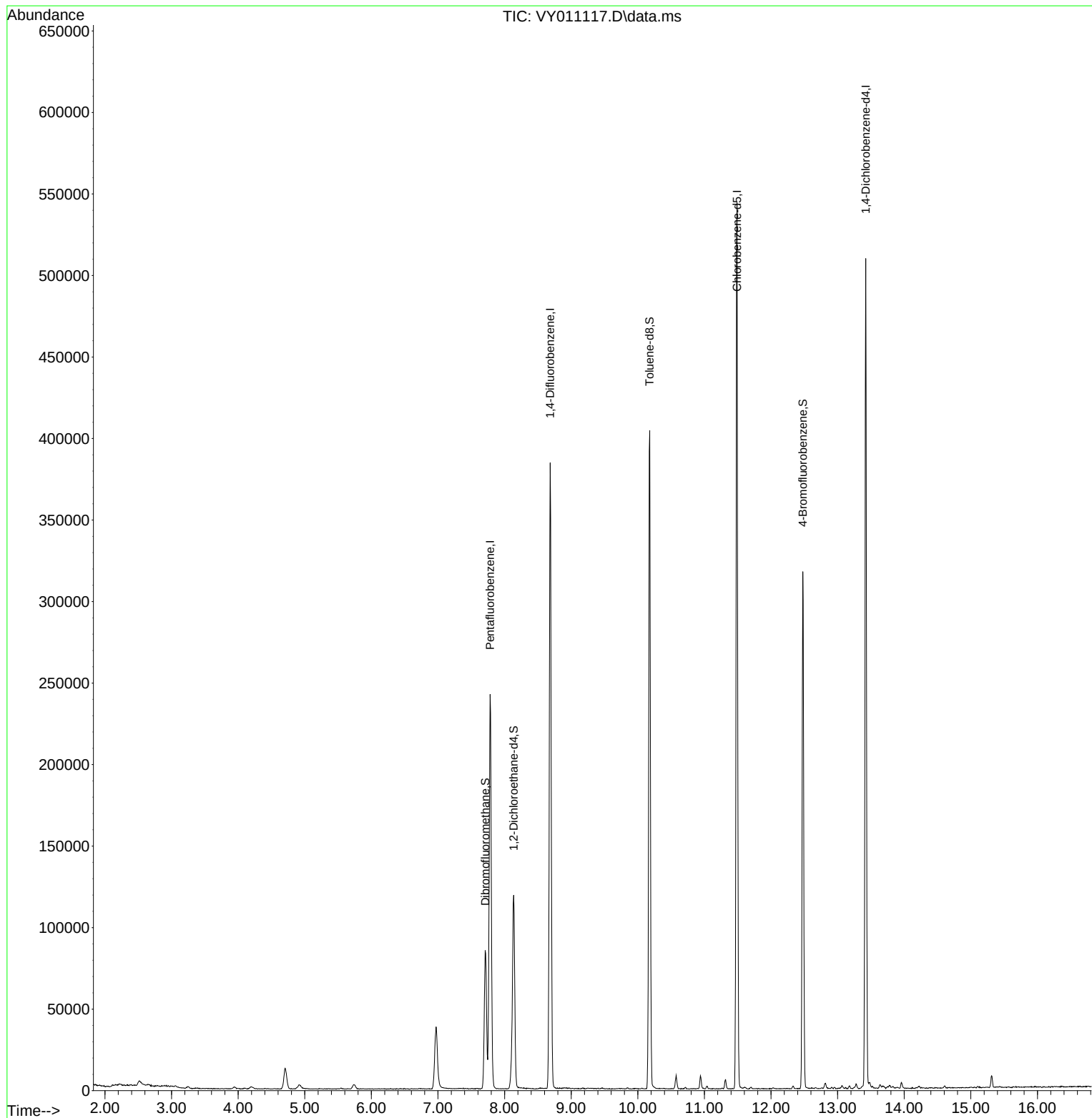
Target Compounds	Qvalue

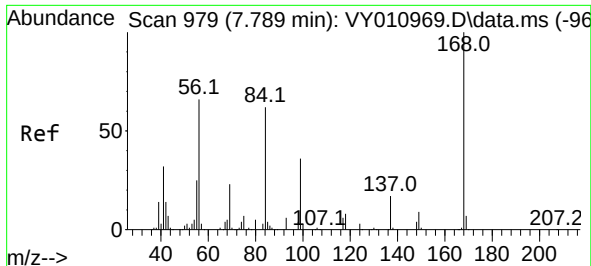
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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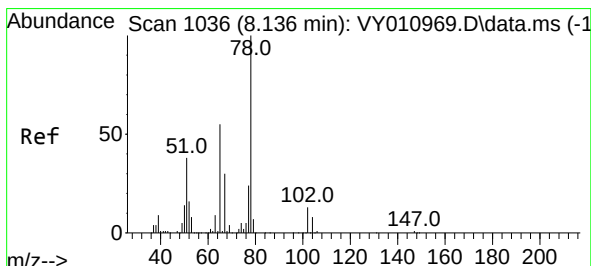
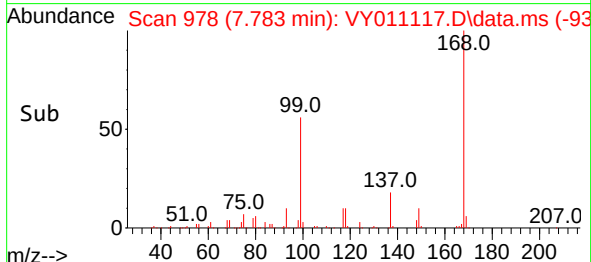
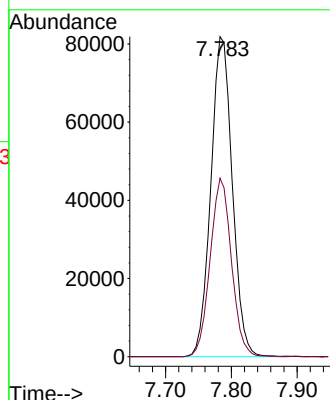
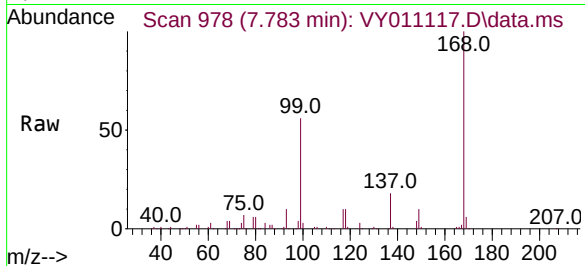




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

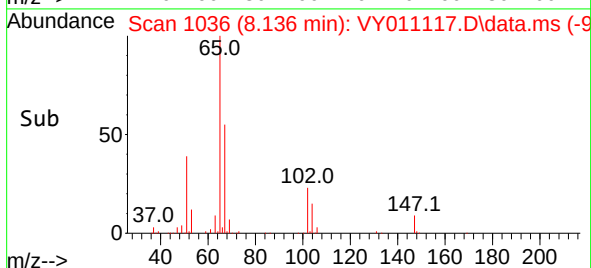
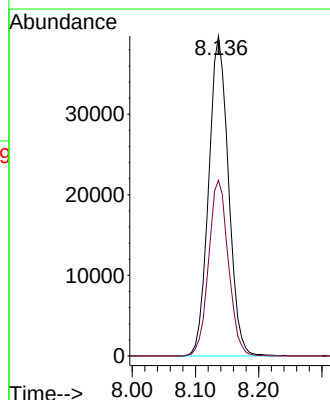
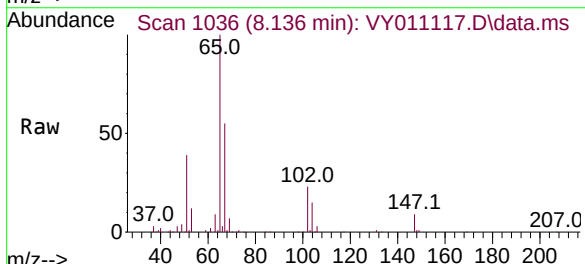
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

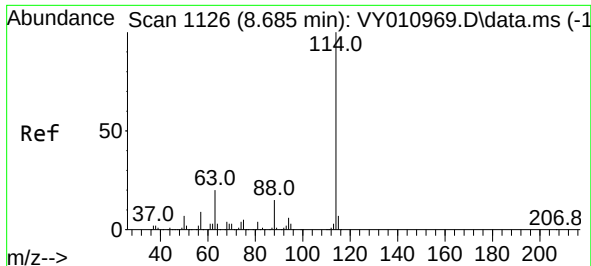
Tgt Ion:168 Resp: 186010
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.443 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 65 Resp: 86431
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

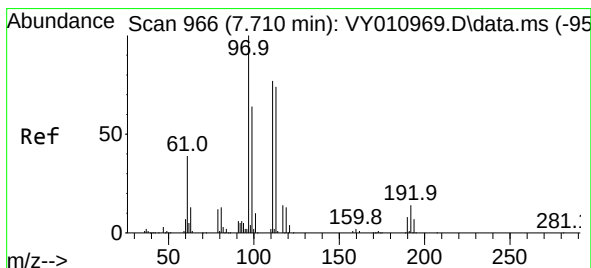
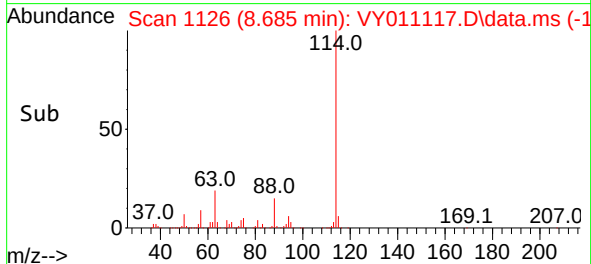
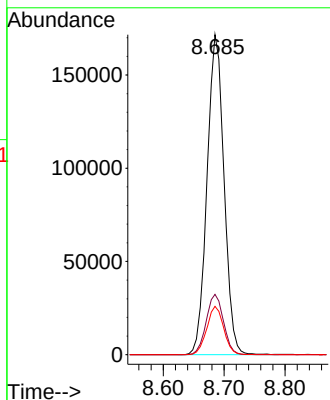
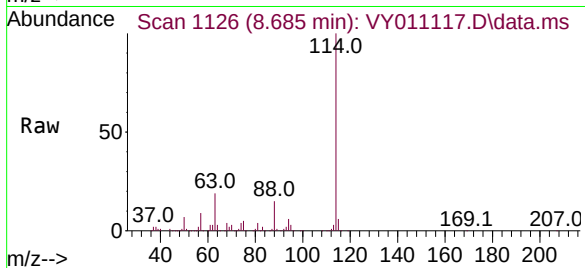




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

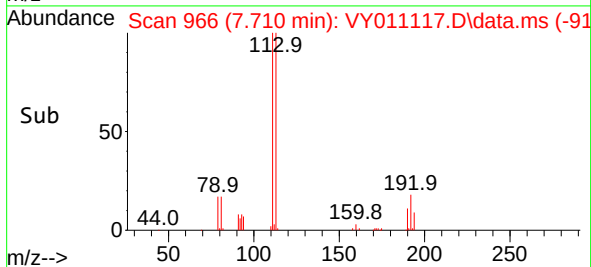
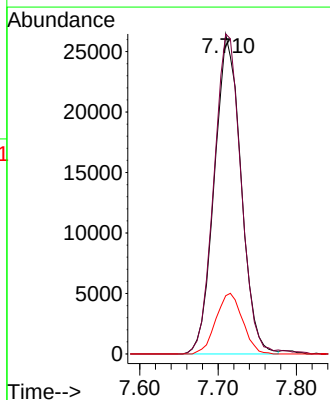
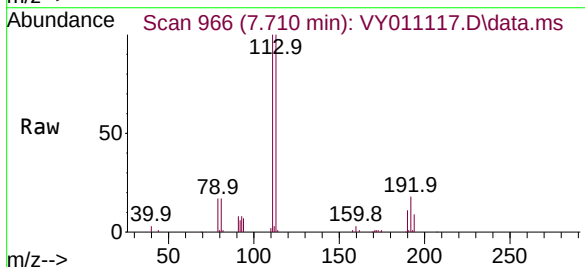
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

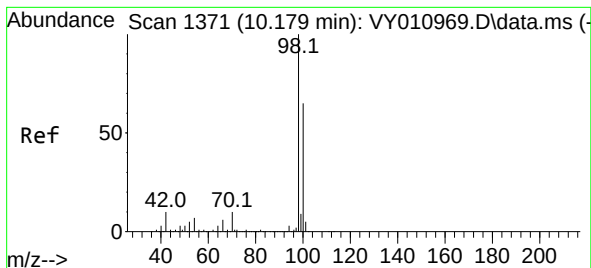
Tgt Ion:114 Resp: 332614
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 32.841 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion:113 Resp: 62261
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.0 17.6 26.4





#50

Toluene-d8

Concen: 39.750 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011117.D

Acq: 26 Oct 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

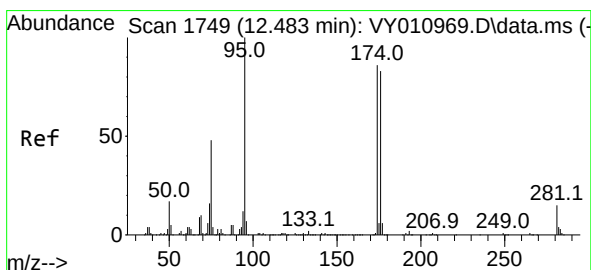
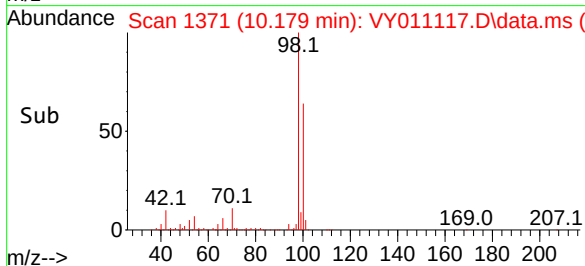
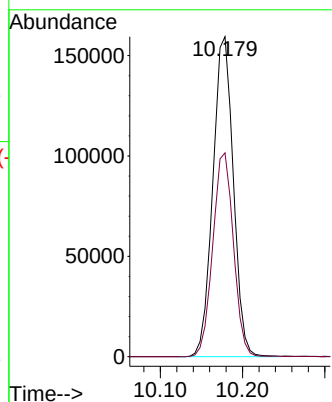
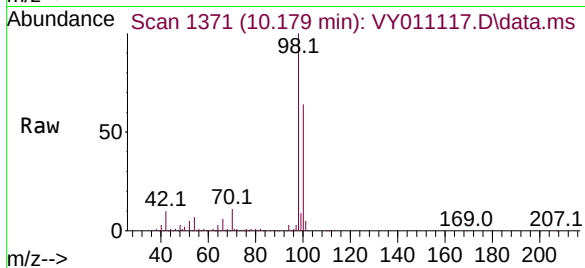
SB-6

Tgt Ion: 98 Resp: 276060

Ion Ratio Lower Upper

98 100

100 64.2 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 38.912 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011117.D

Acq: 26 Oct 2022 15:35

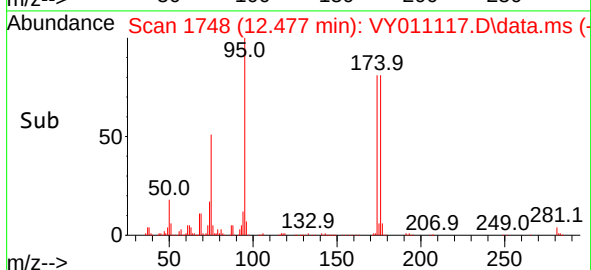
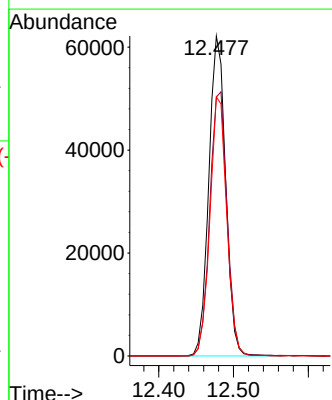
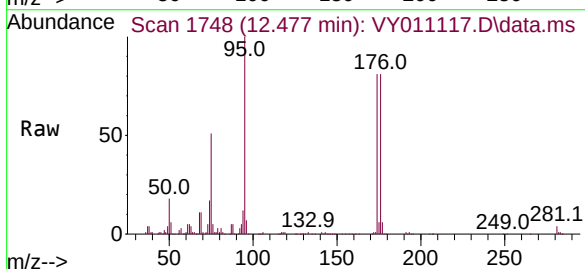
Tgt Ion: 95 Resp: 97403

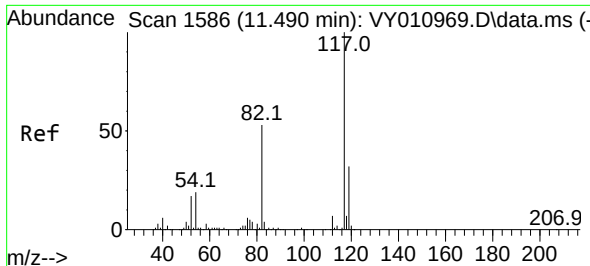
Ion Ratio Lower Upper

95 100

174 85.5 0.0 177.0

176 80.8 0.0 175.8

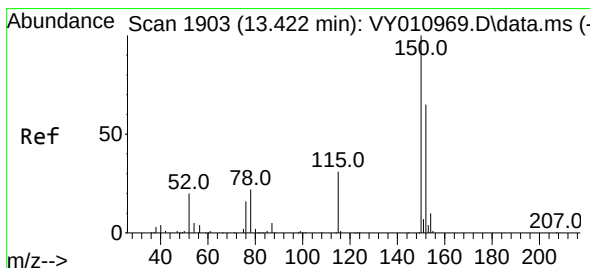
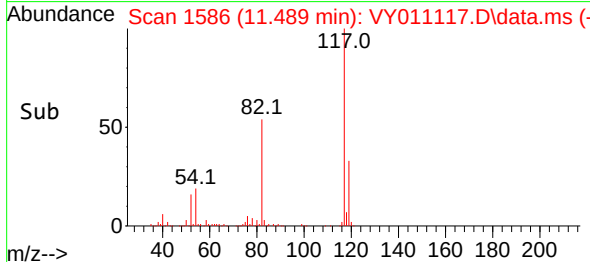
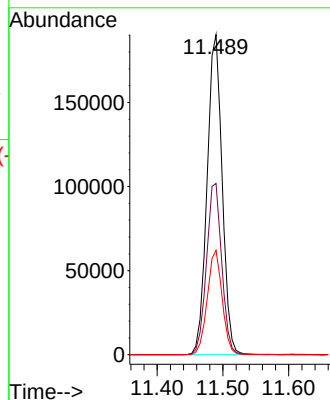
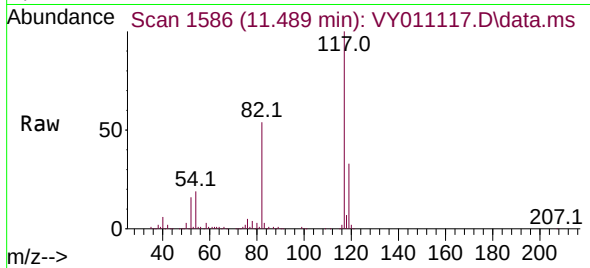




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Tgt Ion:117 Resp: 303539
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.6 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: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion:152 Resp: 132105
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.2 0.0 347.6

