

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008753.D
 Acq On : 13 May 2022 16:48
 Operator : KP/MD
 Sample : N2781-18
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P018-SS001-0006-01MS

Quant Time: May 16 05:53:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	149415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99949	67.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.340%	
35) Dibromofluoromethane	7.716	113	86972	53.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.940%	
50) Toluene-d8	10.179	98	322047	52.993	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.980%	
62) 4-Bromofluorobenzene	12.477	95	92066	43.725	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.460%	

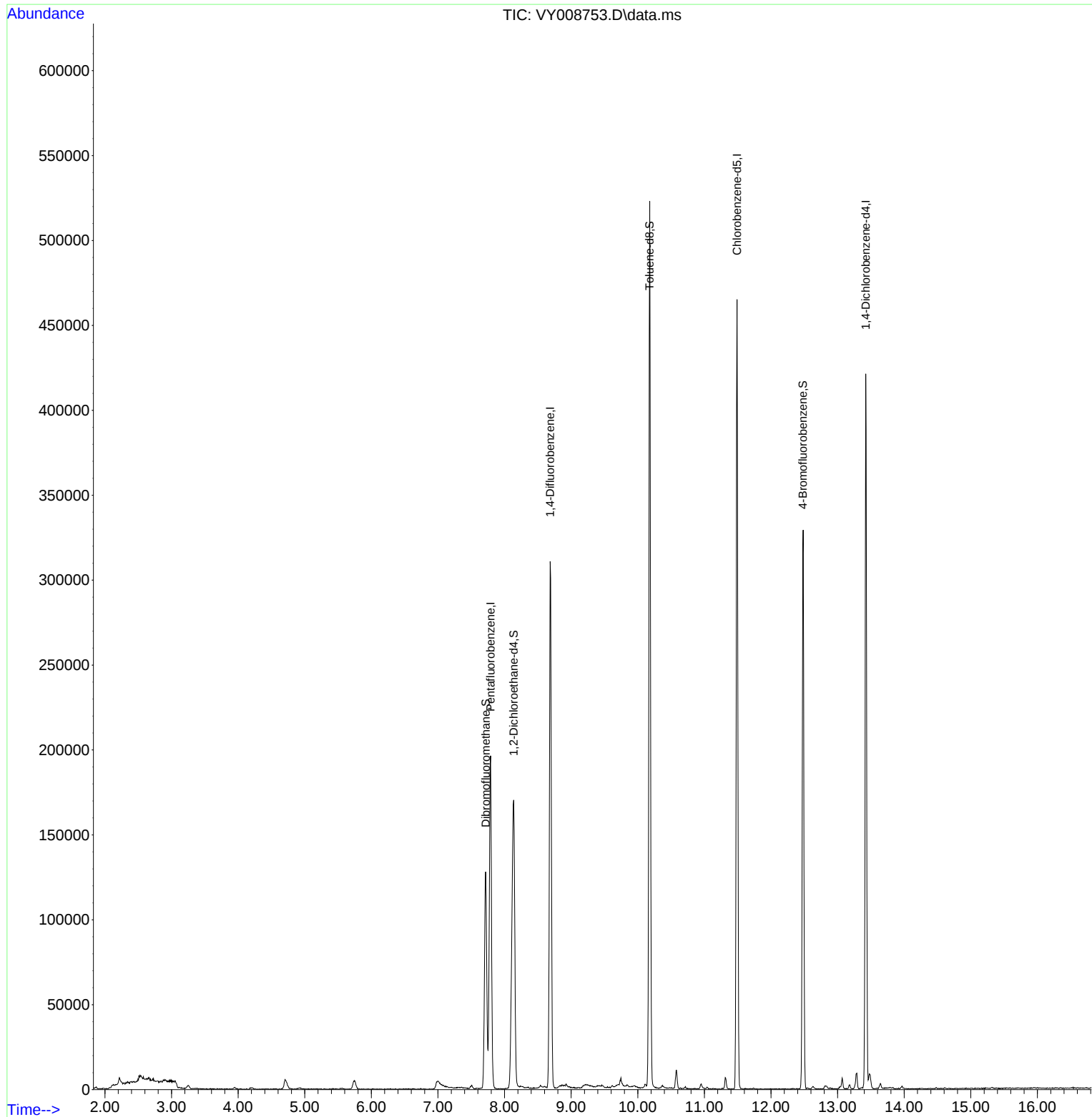
Target Compounds	Qvalue

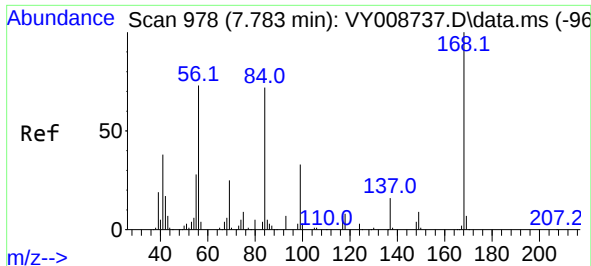
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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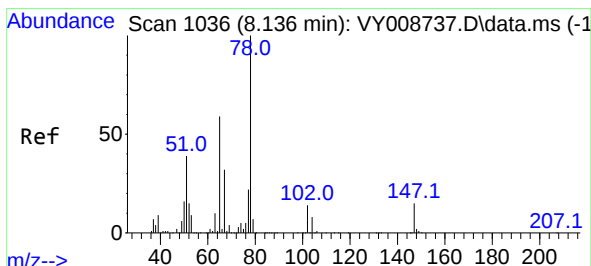
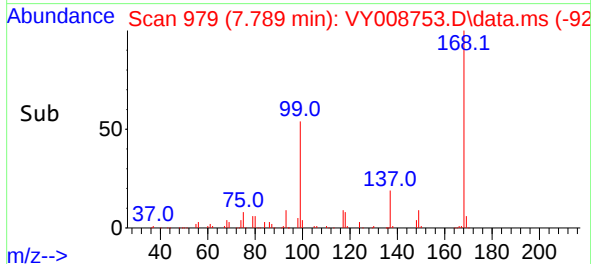
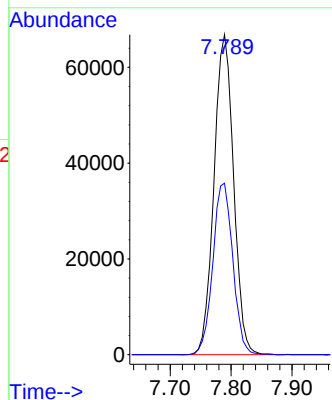
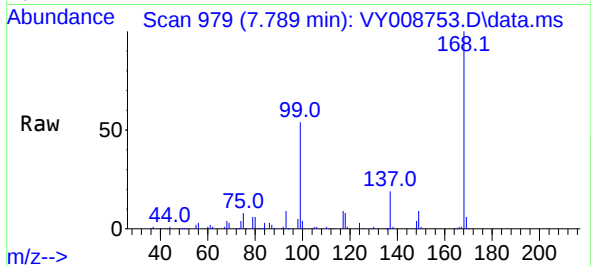




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008753.D
Acq: 13 May 2022 16:48

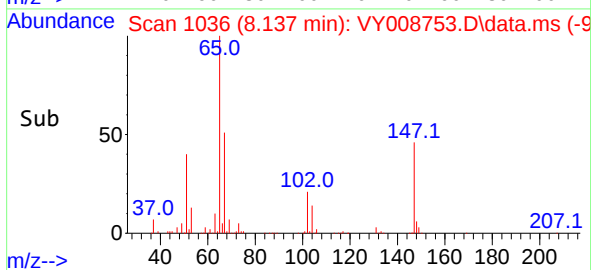
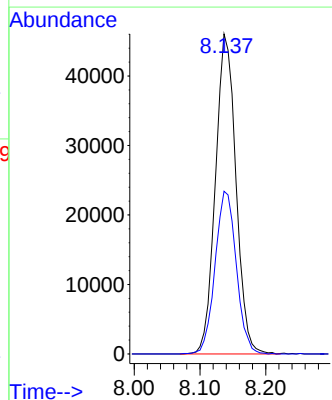
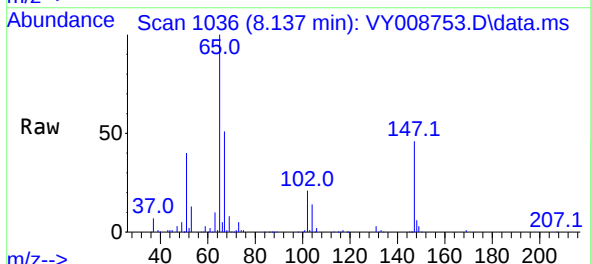
Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0006-01MS

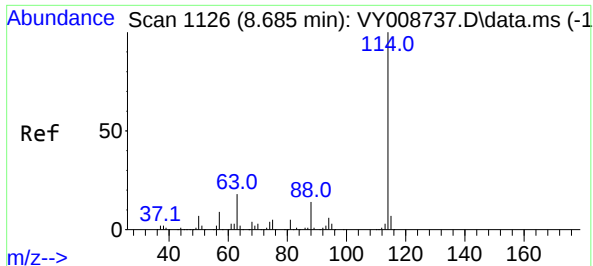
Tgt Ion:168 Resp: 149415
Ion Ratio Lower Upper
168 100
99 53.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 67.169 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008753.D
Acq: 13 May 2022 16:48

Tgt Ion: 65 Resp: 99949
Ion Ratio Lower Upper
65 100
67 52.6 0.0 110.0

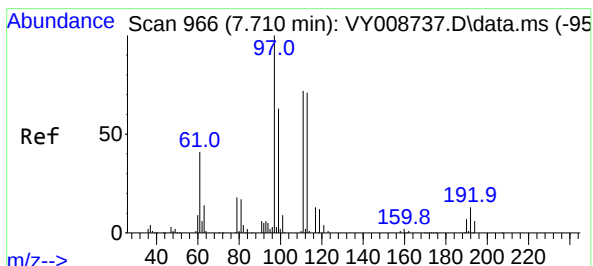
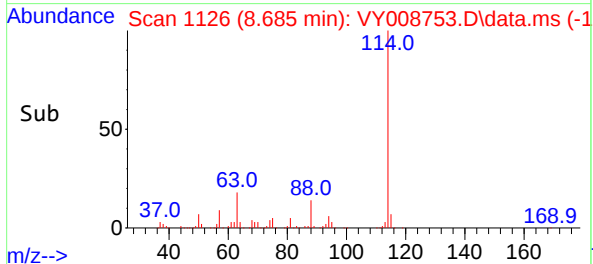
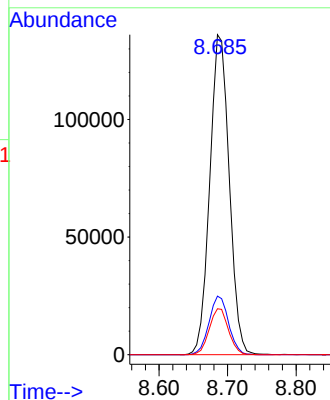
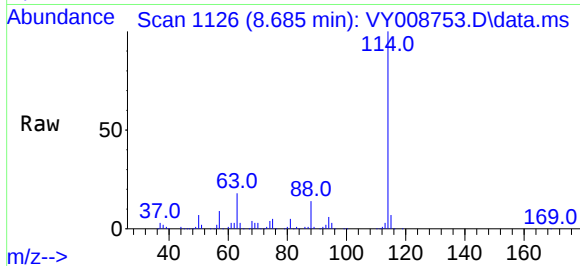




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008753.D
Acq: 13 May 2022 16:48

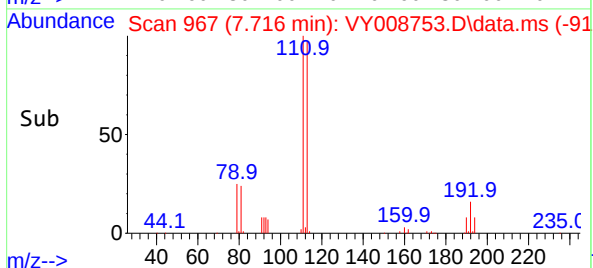
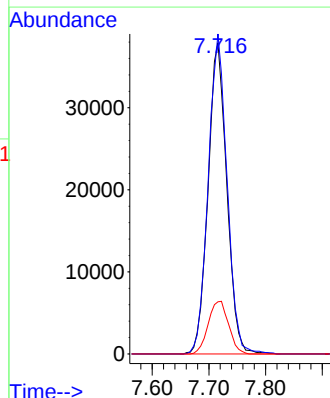
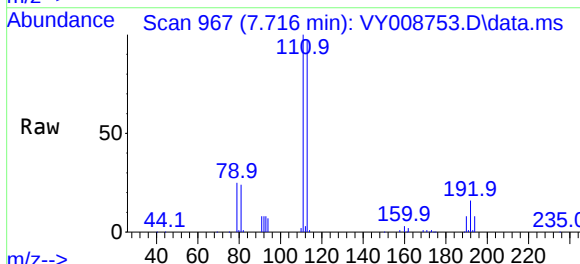
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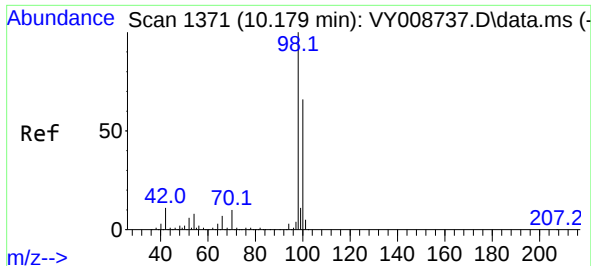
Tgt Ion:	114	Resp:	268491
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.4
88	14.4	0.0	27.4



#35
Dibromofluoromethane
Concen: 53.971 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008753.D
Acq: 13 May 2022 16:48

Tgt Ion:	113	Resp:	86972
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.6
192	18.4	14.5	21.7

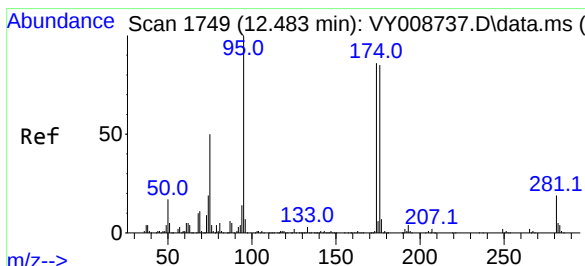
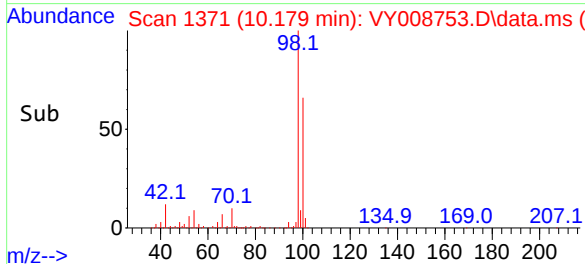
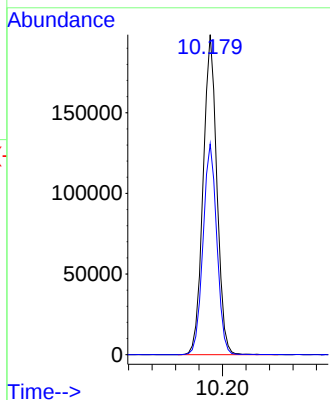
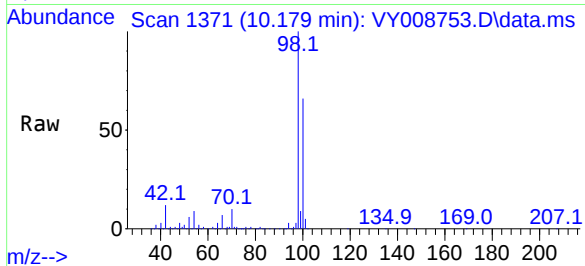




#50
Toluene-d8
Concen: 52.993 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008753.D
Acq: 13 May 2022 16:48

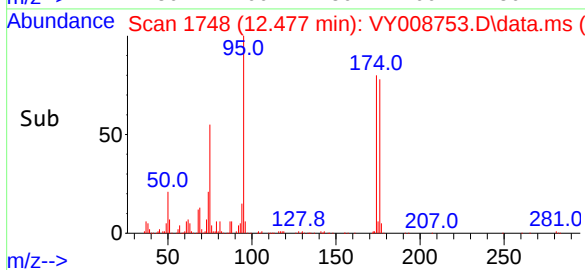
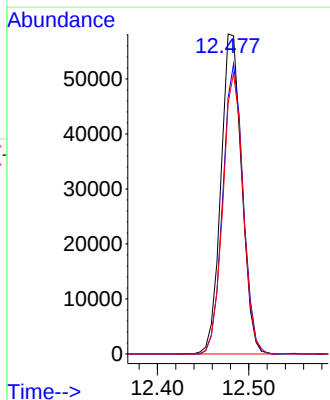
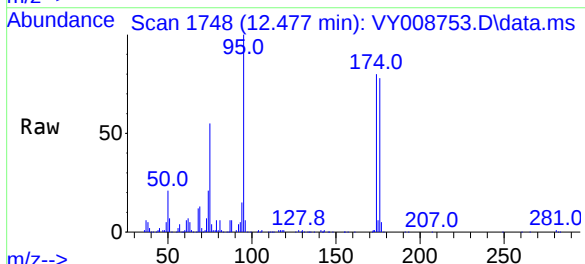
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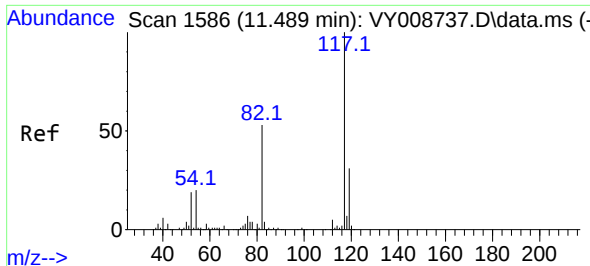
Tgt Ion: 98 Resp: 322047
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 43.725 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008753.D
Acq: 13 May 2022 16:48

Tgt Ion: 95 Resp: 92066
Ion Ratio Lower Upper
95 100
174 88.4 0.0 171.2
176 85.7 0.0 168.8

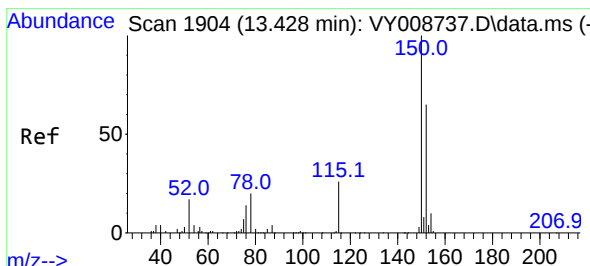
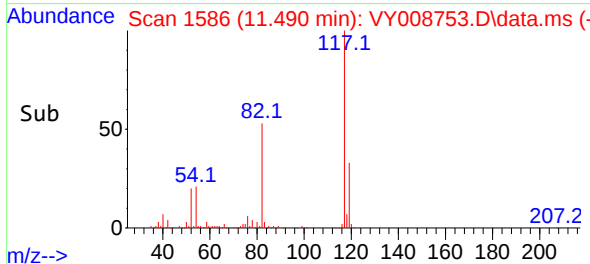
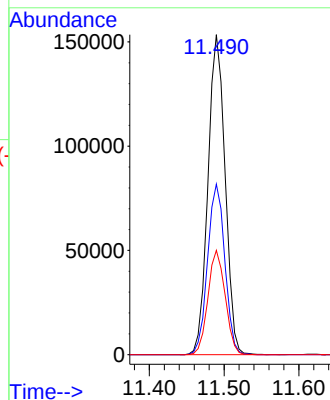
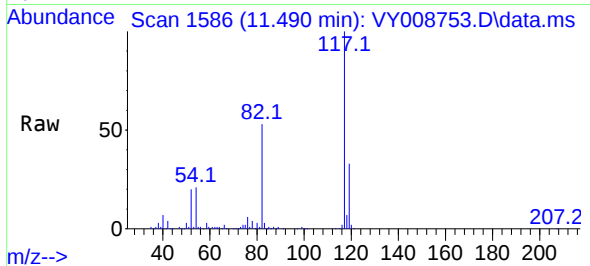




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008753.D
Acq: 13 May 2022 16:48

Instrument :
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ClientSampleId :
P018-SS001-0006-01MS

Tgt Ion:	117	Resp:	244381
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.3	63.5
119	32.6	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008753.D
Acq: 13 May 2022 16:48

Tgt Ion:	152	Resp:	100361
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	158.9	0.0	348.2

