

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009301.D
 Acq On : 23 Jun 2022 17:54
 Operator : KP/MD
 Sample : N3462-06
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-18-20-20220622

Quant Time: Jun 24 09:24:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	181119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108329	54.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.920%
35) Dibromofluoromethane	7.716	113	96817	47.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.179	98	383263	48.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.477	95	129155	46.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.240%

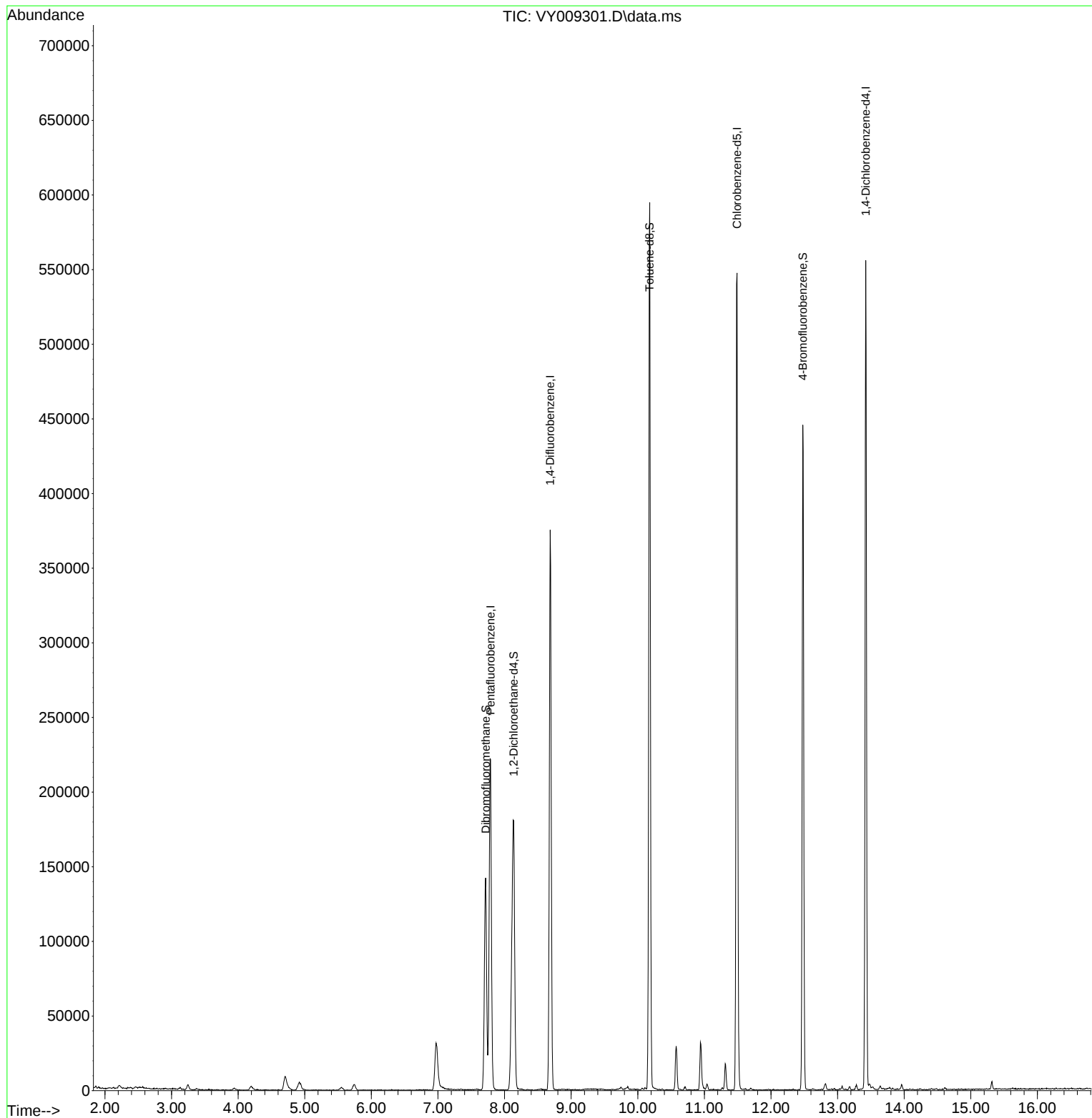
Target Compounds	Qvalue

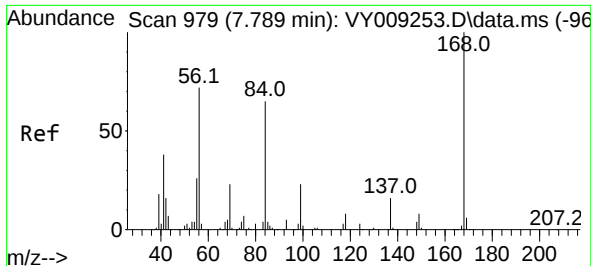
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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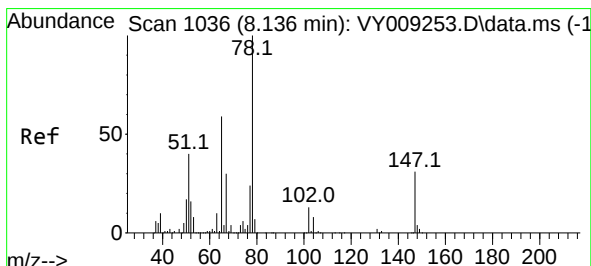
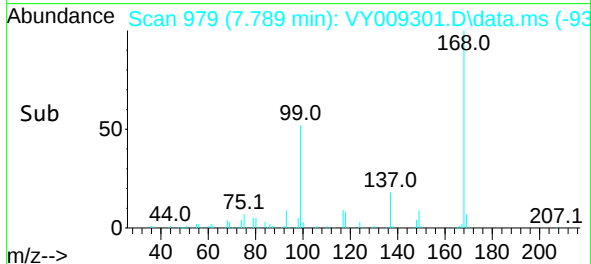
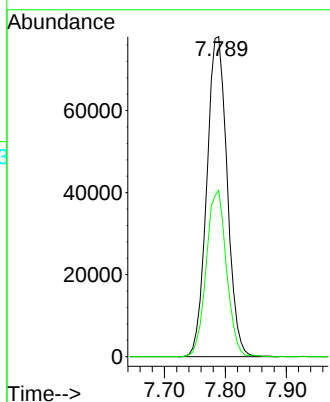
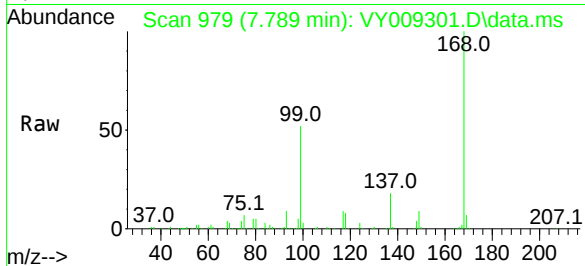




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

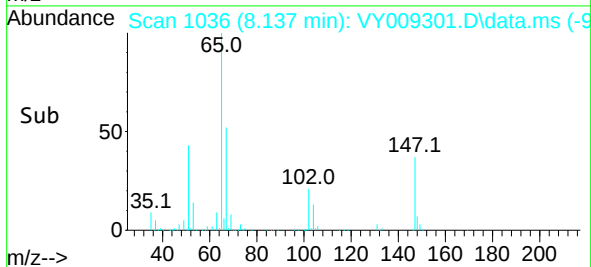
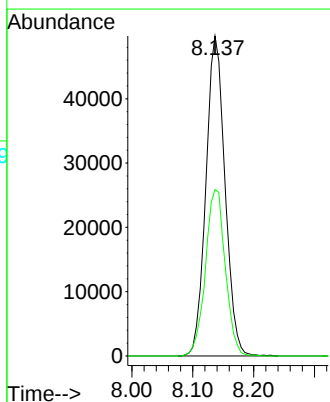
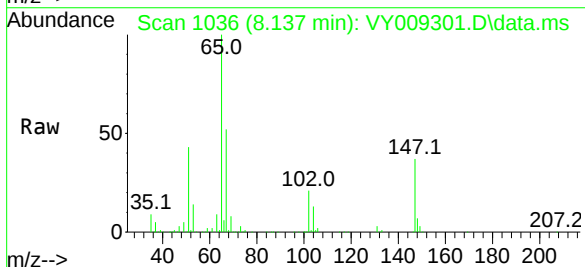
Instrument :
MSVOA_Y
ClientSampleId :
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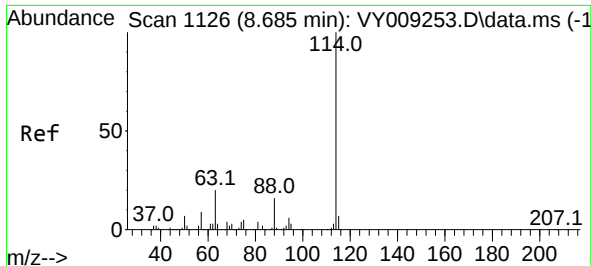
Tgt Ion:168 Resp: 181119
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.459 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion: 65 Resp: 108329
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

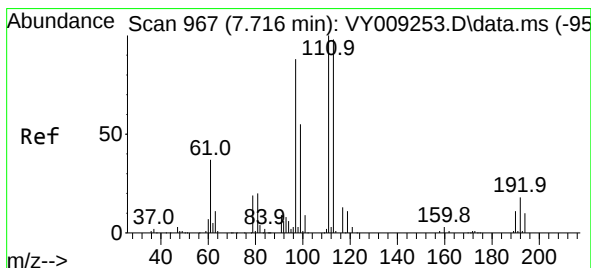
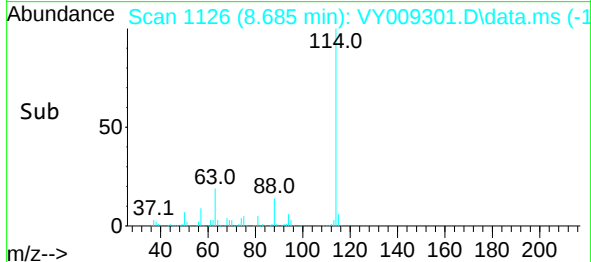
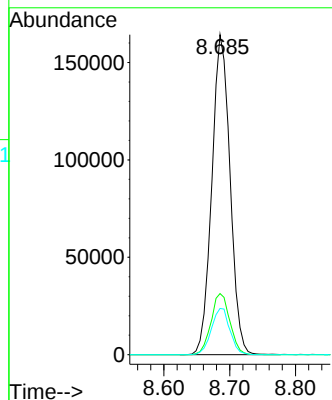
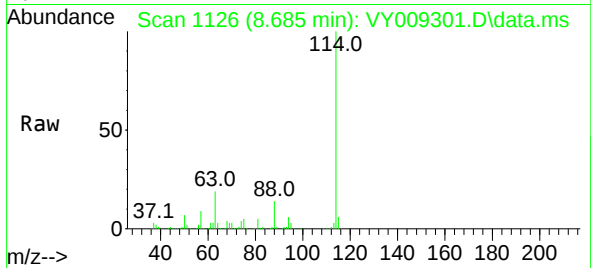




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

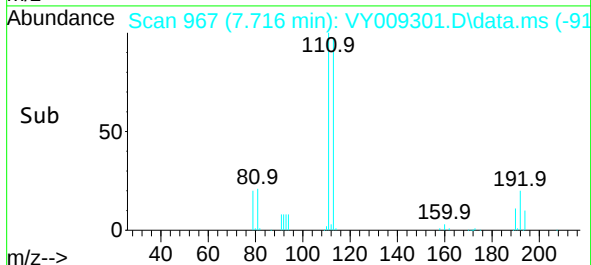
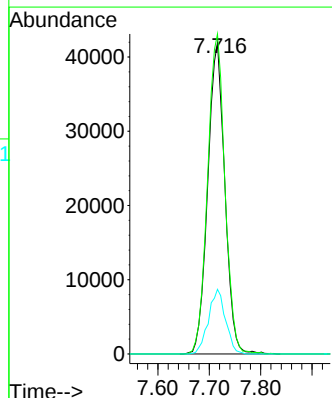
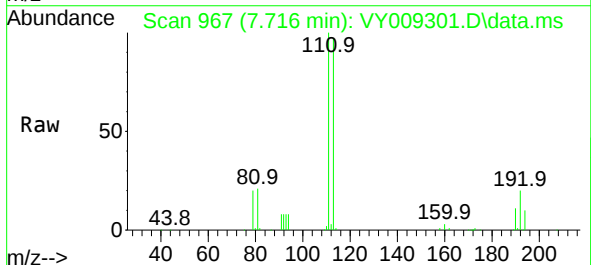
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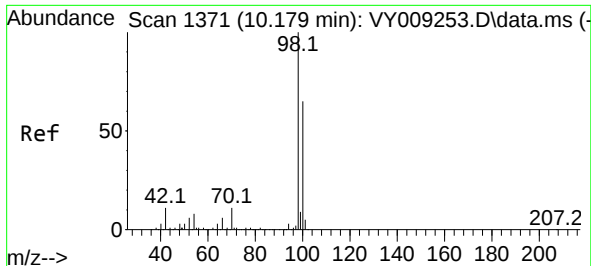
Tgt Ion:	114	Resp:	316875
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.2
88	14.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.178 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion:	113	Resp:	96817
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	20.7	17.6	26.4

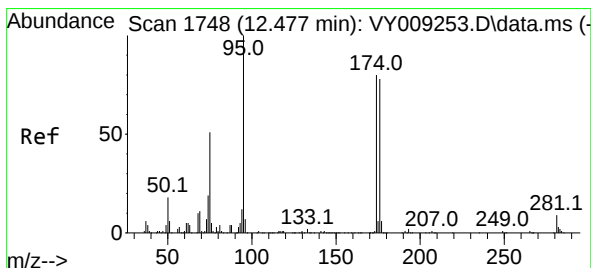
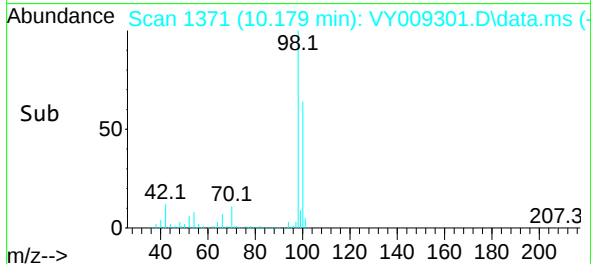
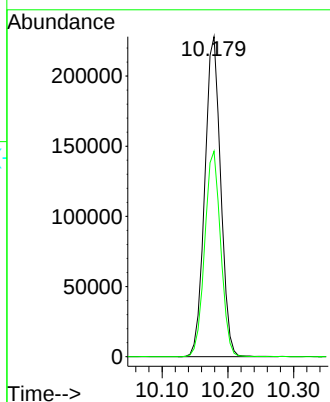
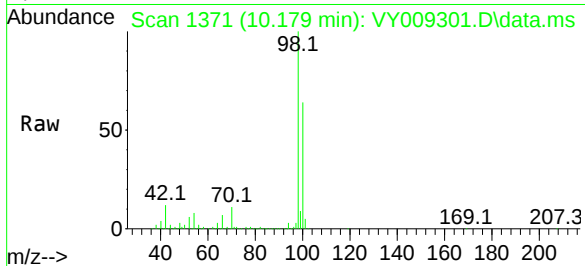




#50
Toluene-d8
Concen: 48.617 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

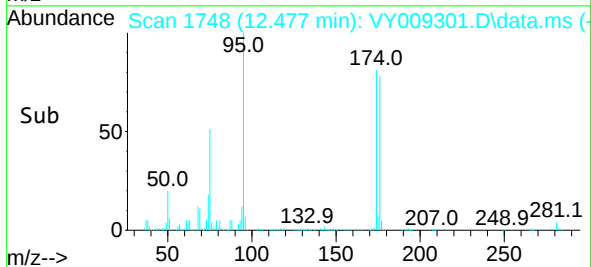
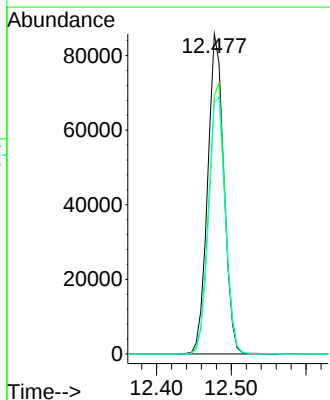
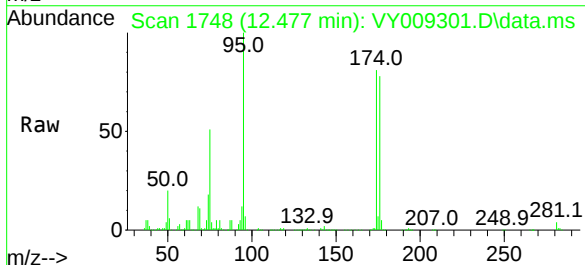
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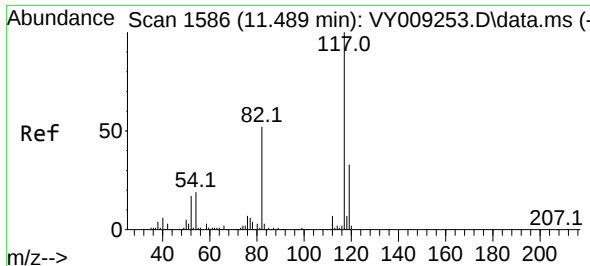
Tgt Ion: 98 Resp: 383263
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion: 95 Resp: 129155
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 82.0 0.0 175.8

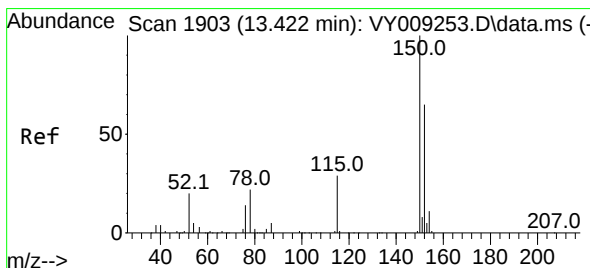
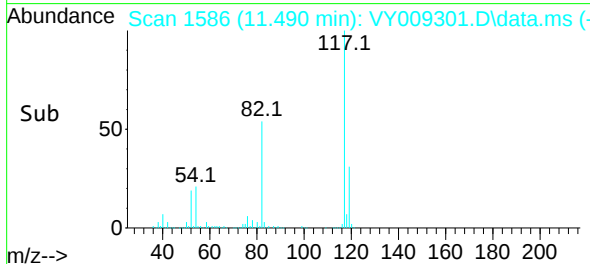
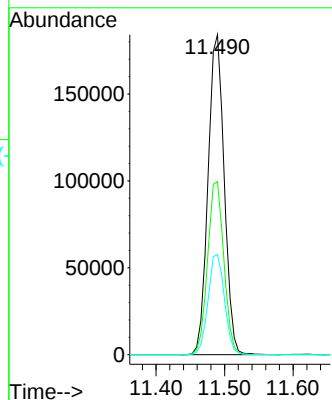
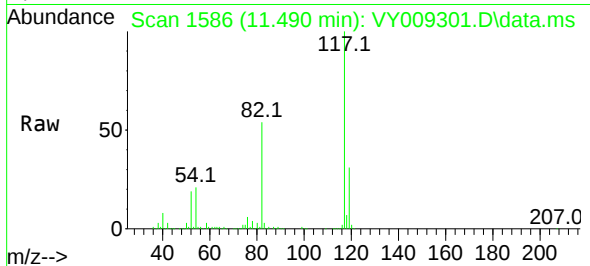




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-18-20-20220622

Tgt Ion:117 Resp: 302203
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.3 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: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion:152 Resp: 140119
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 156.3 0.0 347.6

