

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009299.D
 Acq On : 23 Jun 2022 17:07
 Operator : KP/MD
 Sample : N3462-04
 Misc : 3.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-0-2-20220622

Quant Time: Jun 24 09:23:58 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	181720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108830	54.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.060%
35) Dibromofluoromethane	7.710	113	97167	46.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.179	98	385199	48.313	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.477	95	127829	45.626	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.260%

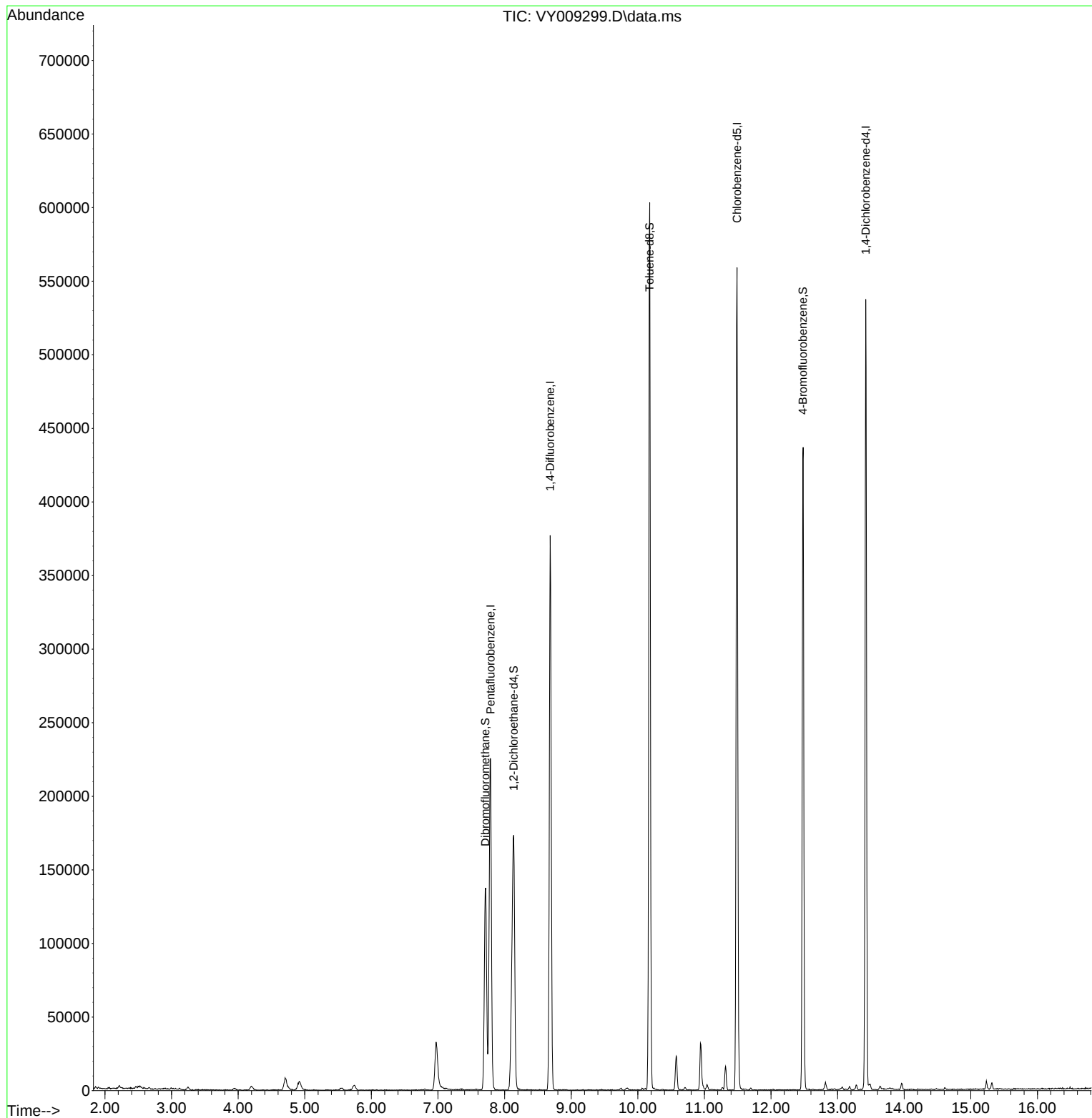
Target Compounds	Qvalue

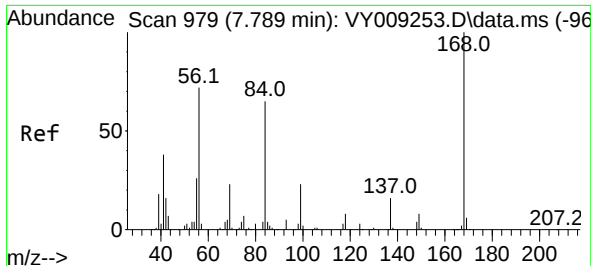
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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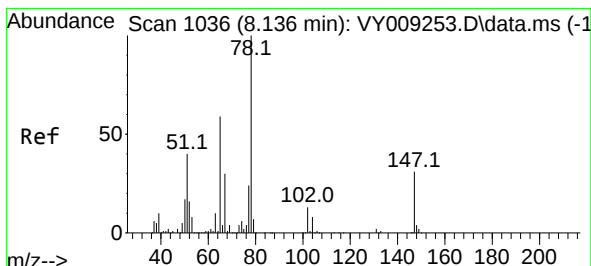
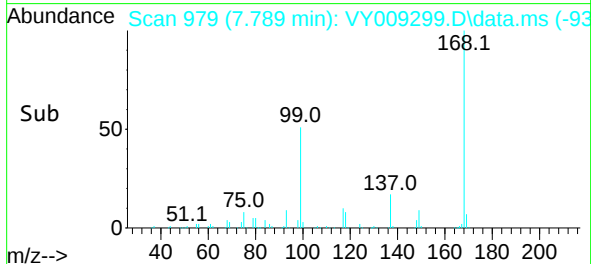
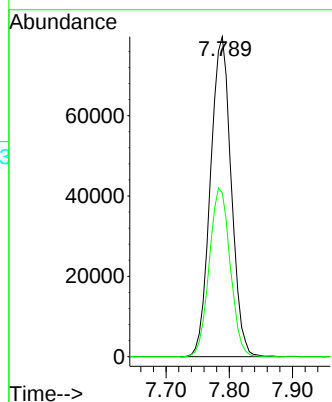
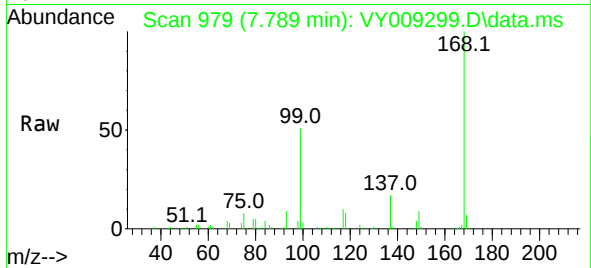




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

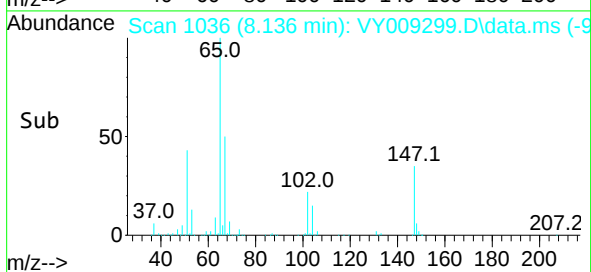
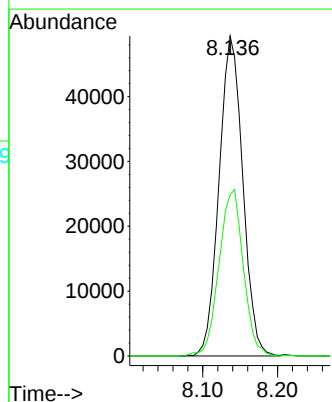
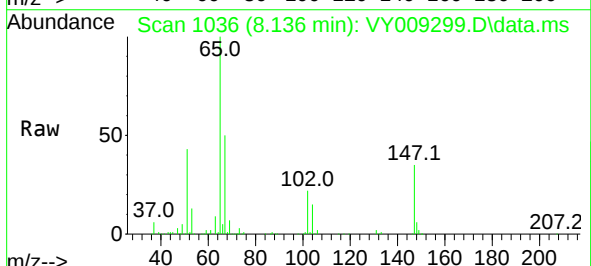
Instrument :
MSVOA_Y
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SB-6-0-2-20220622

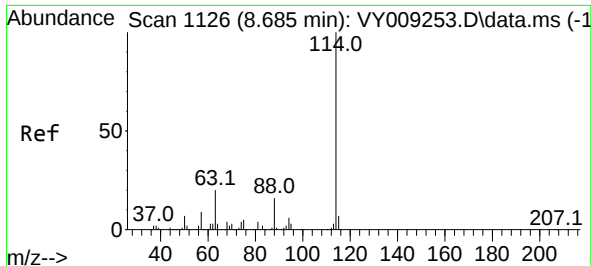
Tgt Ion:168 Resp: 181720
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.530 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

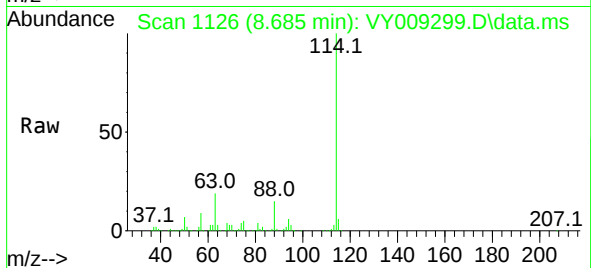
Tgt Ion: 65 Resp: 108830
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4



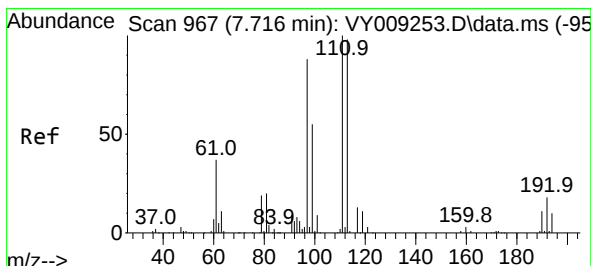
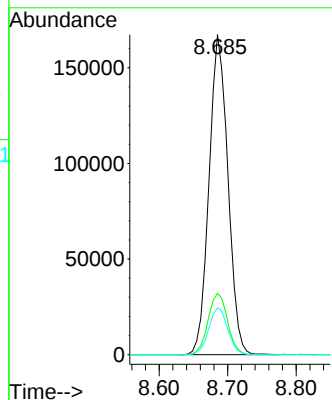
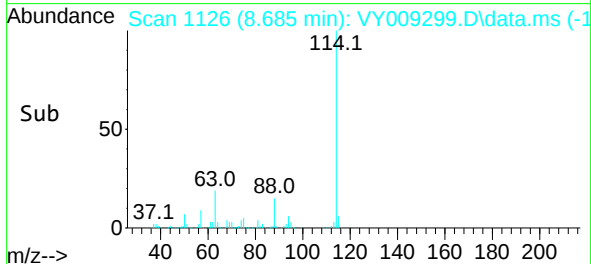


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

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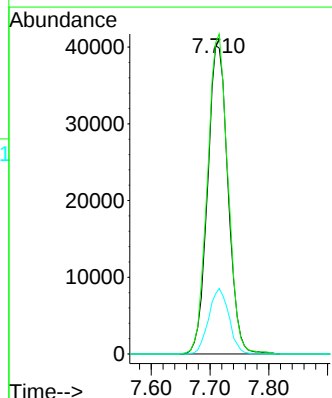
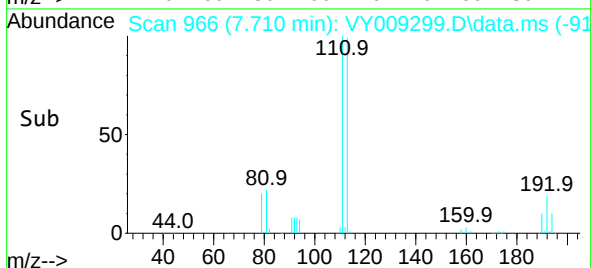
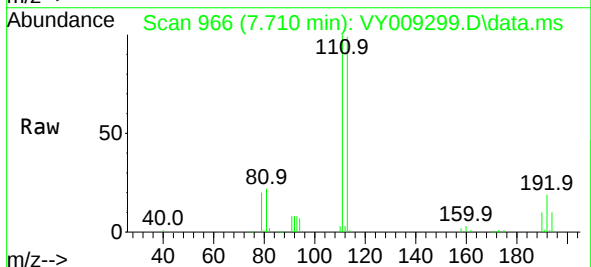


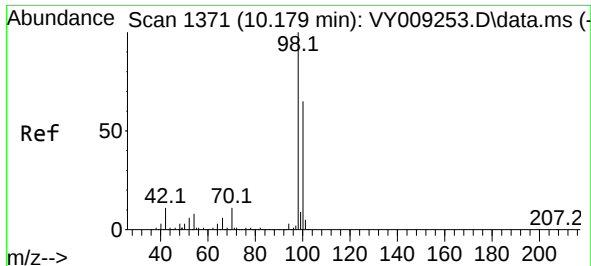
Tgt Ion:114 Resp: 320482
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.816 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion:113 Resp: 97167
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 20.9 17.6 26.4

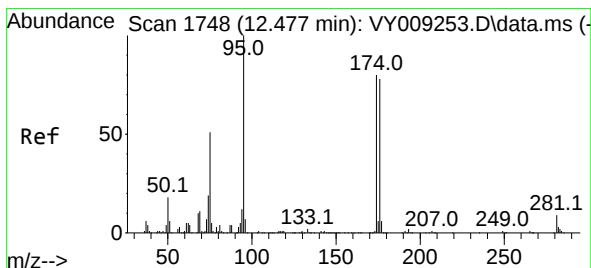
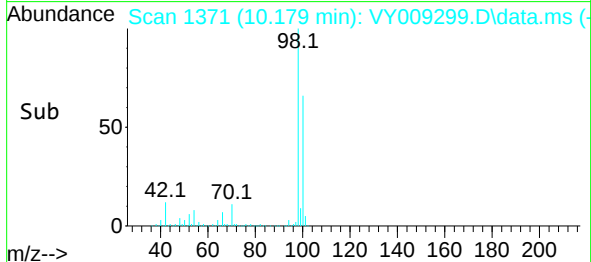
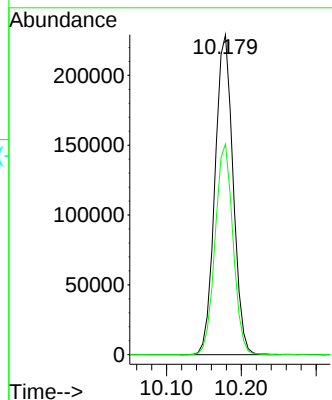
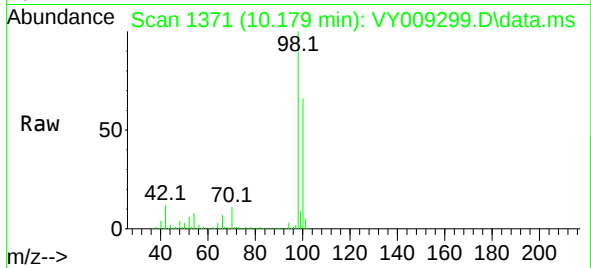




#50
Toluene-d8
Concen: 48.313 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

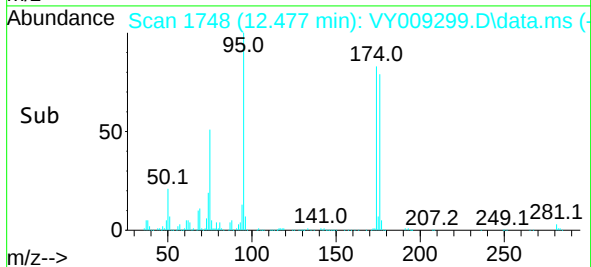
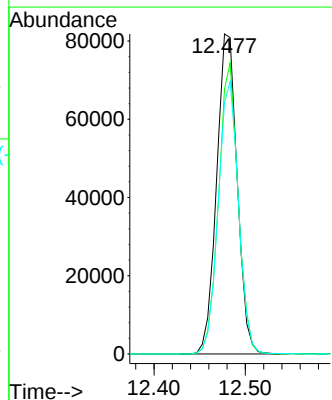
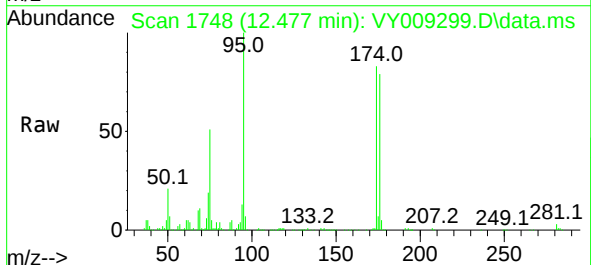
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-0-2-20220622

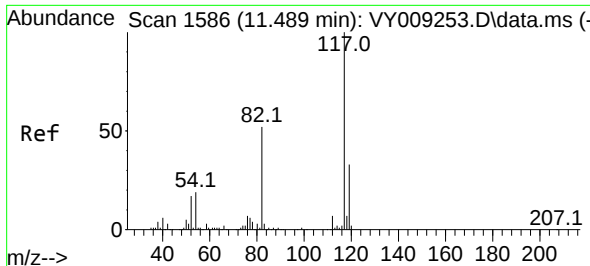
Tgt Ion: 98 Resp: 385199
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.626 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion: 95 Resp: 127829
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 84.2 0.0 175.8

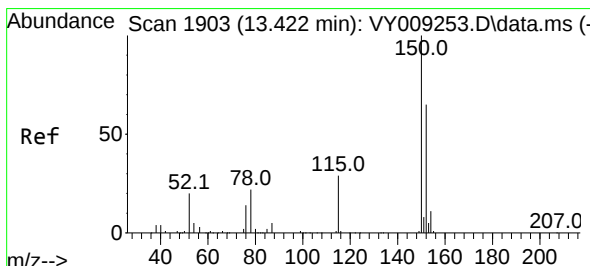
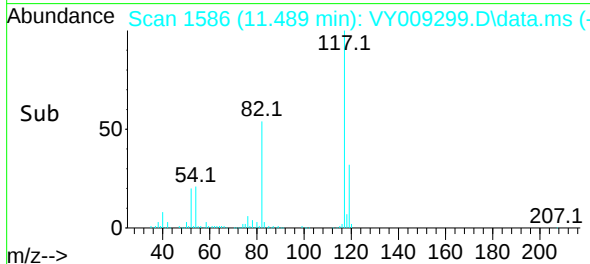
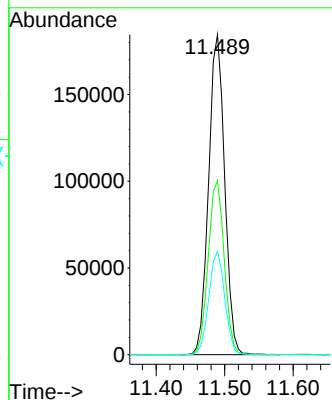
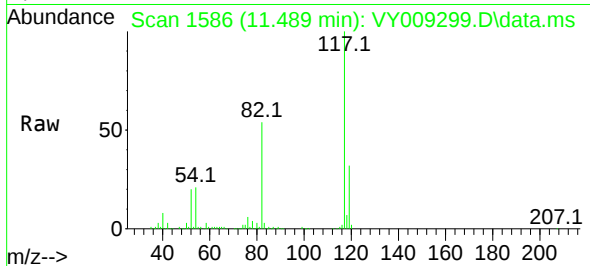




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 300774
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.3 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: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion:152 Resp: 135558
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 157.5 0.0 347.6

