

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009295.D
 Acq On : 23 Jun 2022 15:12
 Operator : KP/MD
 Sample : N3468-03
 Misc : 11.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 XRDS-SCREENED-CLEAN-FILL-SP-A-GRAB

Quant Time: Jun 24 09:23:19 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	192912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124432	58.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.460%
35) Dibromofluoromethane	7.716	113	108788	49.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.179	98	410461	48.713	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.477	95	134975	45.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.180%

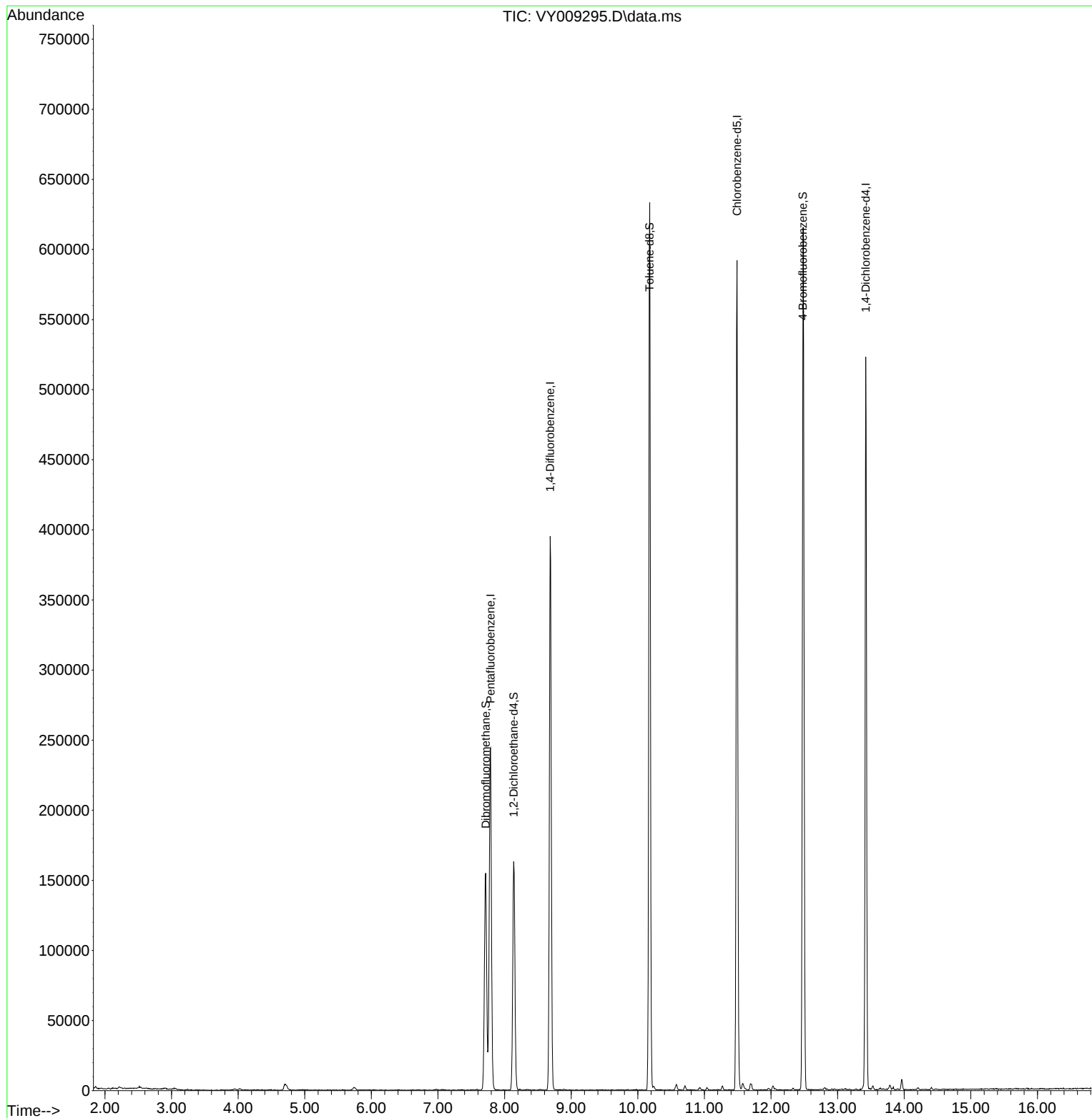
Target Compounds	Qvalue

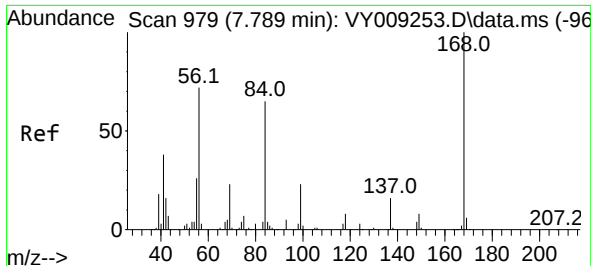
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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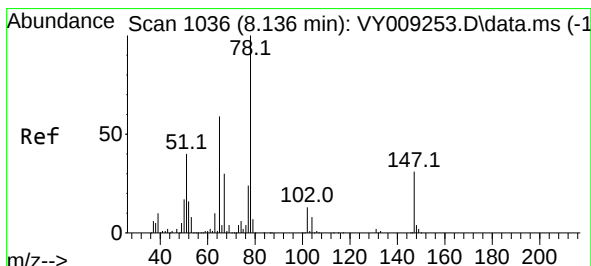
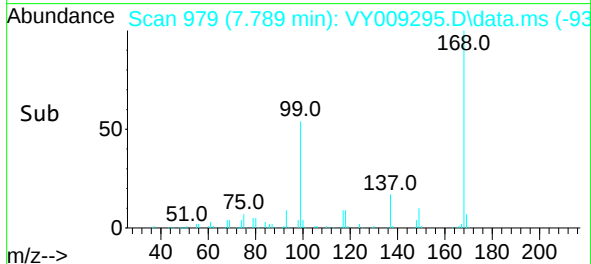
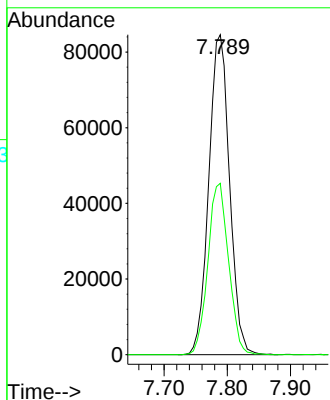
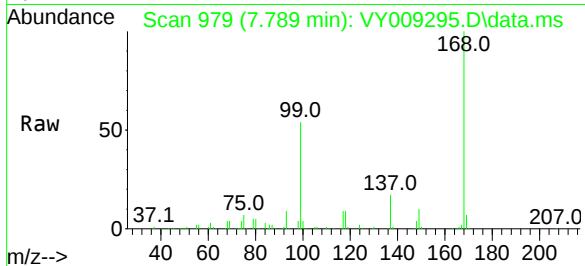




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009295.D
Acq: 23 Jun 2022 15:12

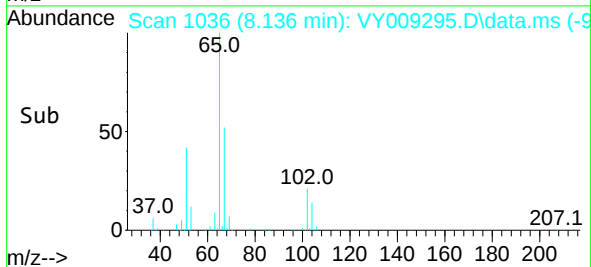
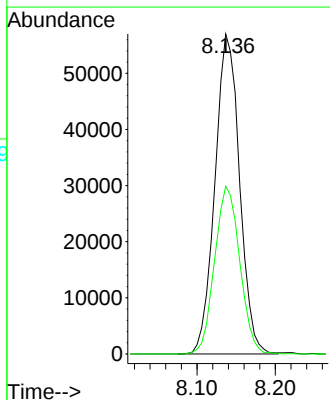
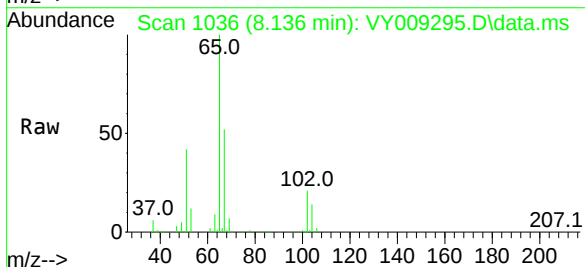
Instrument :
MSVOA_Y
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-GRAB

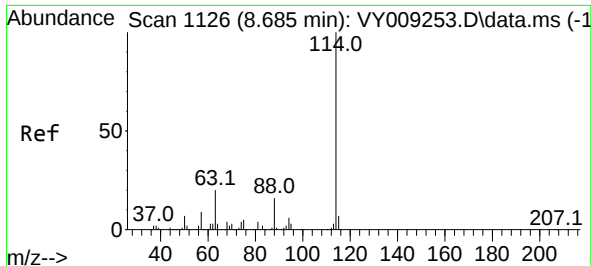
Tgt Ion:168 Resp: 192912
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.731 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009295.D
Acq: 23 Jun 2022 15:12

Tgt Ion: 65 Resp: 124432
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

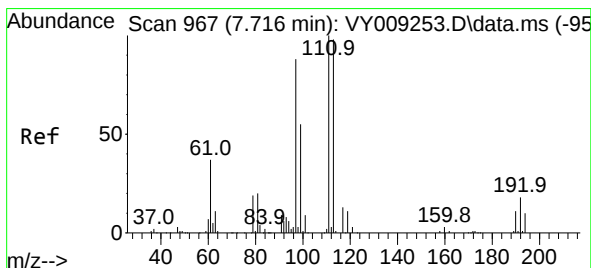
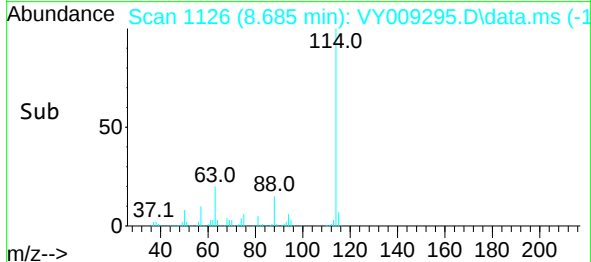
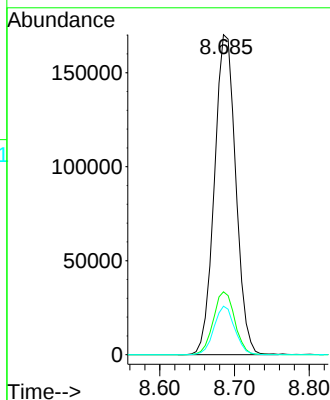
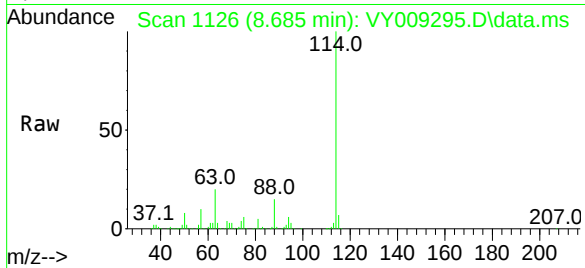




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009295.D
Acq: 23 Jun 2022 15:12

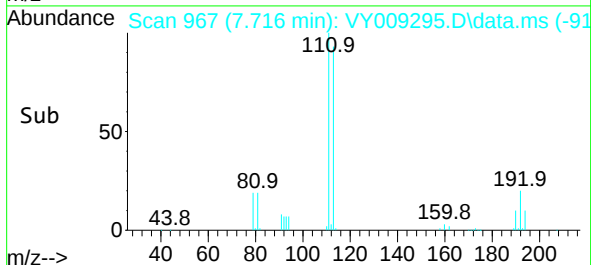
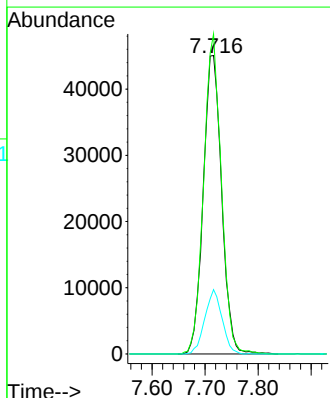
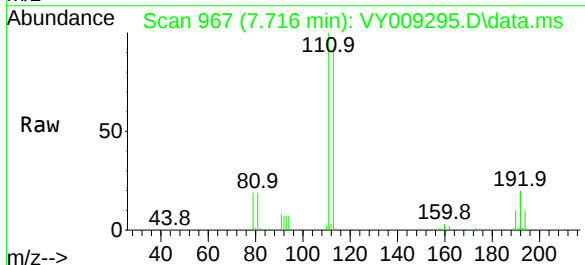
Instrument : MSVOA_Y
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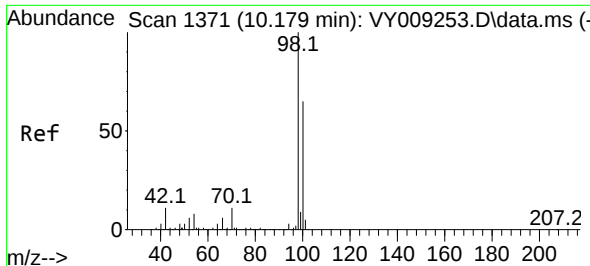
Tgt Ion:114 Resp: 338695
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.597 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009295.D
Acq: 23 Jun 2022 15:12

Tgt Ion:113 Resp: 108788
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.2 17.6 26.4

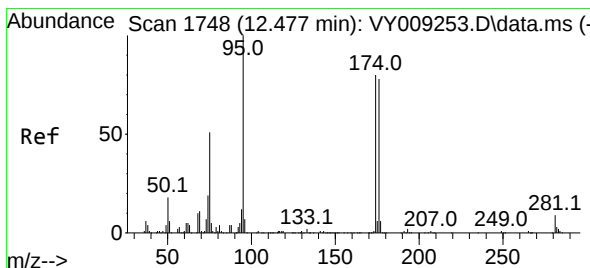
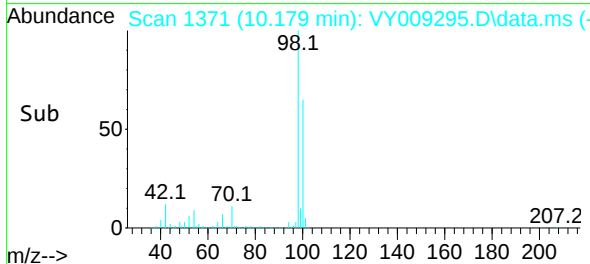
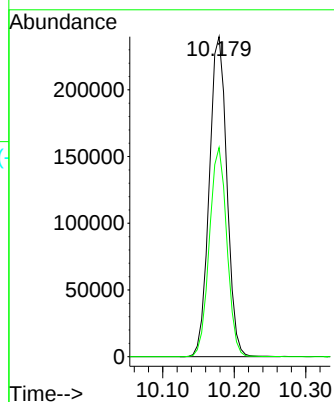
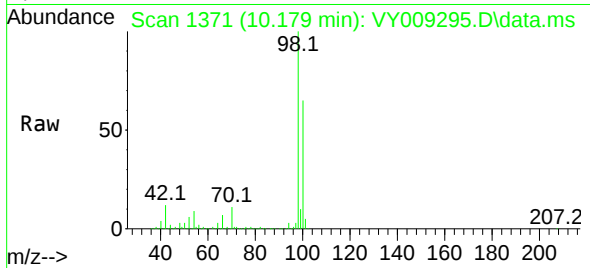




#50
Toluene-d8
Concen: 48.713 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009295.D
Acq: 23 Jun 2022 15:12

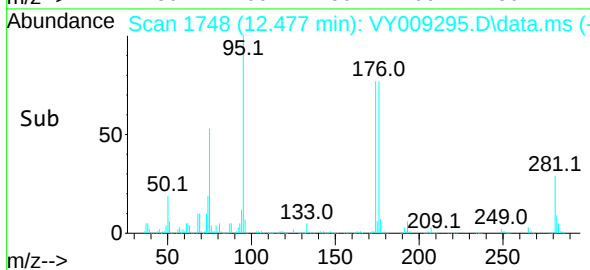
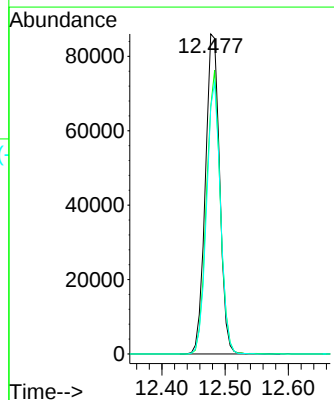
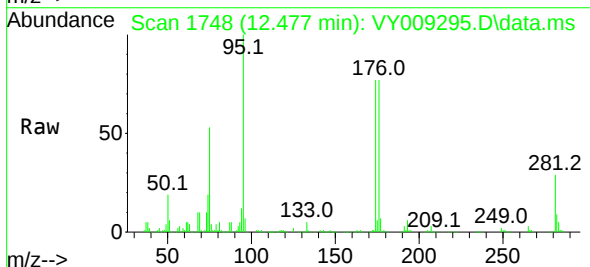
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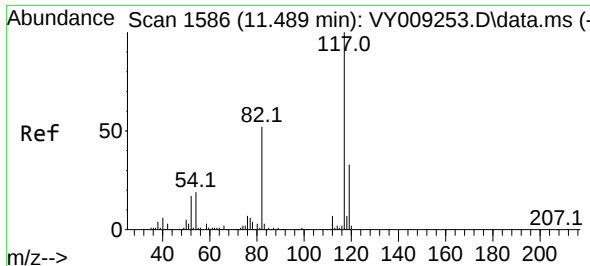
Tgt Ion: 98 Resp: 410461
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.586 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009295.D
Acq: 23 Jun 2022 15:12

Tgt Ion: 95 Resp: 134975
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 82.6 0.0 175.8

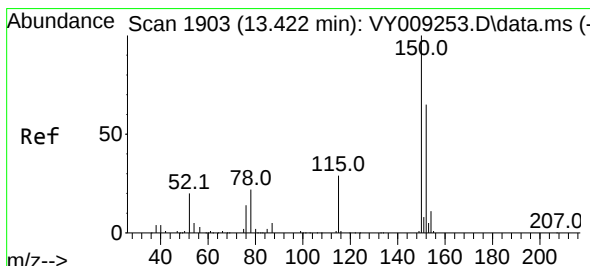
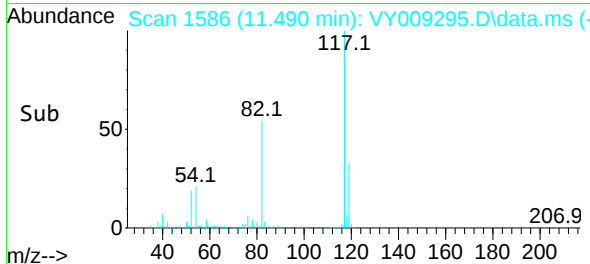
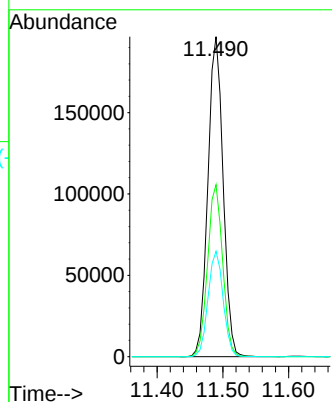
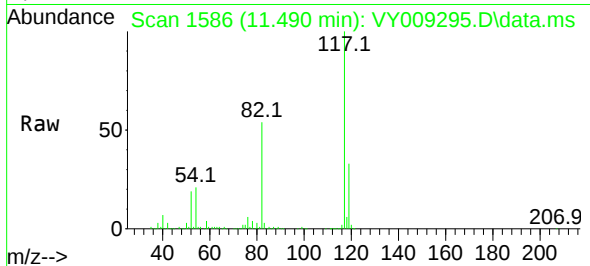




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009295.D
Acq: 23 Jun 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-GRAB

Tgt Ion:117 Resp: 316214
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 33.0 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: VY009295.D
Acq: 23 Jun 2022 15:12

Tgt Ion:152 Resp: 130732
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 158.0 0.0 347.6

