

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009634.D
 Acq On : 21 Jul 2022 15:36
 Operator : KP/MD
 Sample : N3786-09
 Misc : 6.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC3EB

Quant Time: Jul 22 02:30:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	185699	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	302553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	284101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	101224	57.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.280%
35) Dibromofluoromethane	7.710	113	95930	50.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.173	98	346153	47.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.480%
62) 4-Bromofluorobenzene	12.477	95	113110	47.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	95.280%

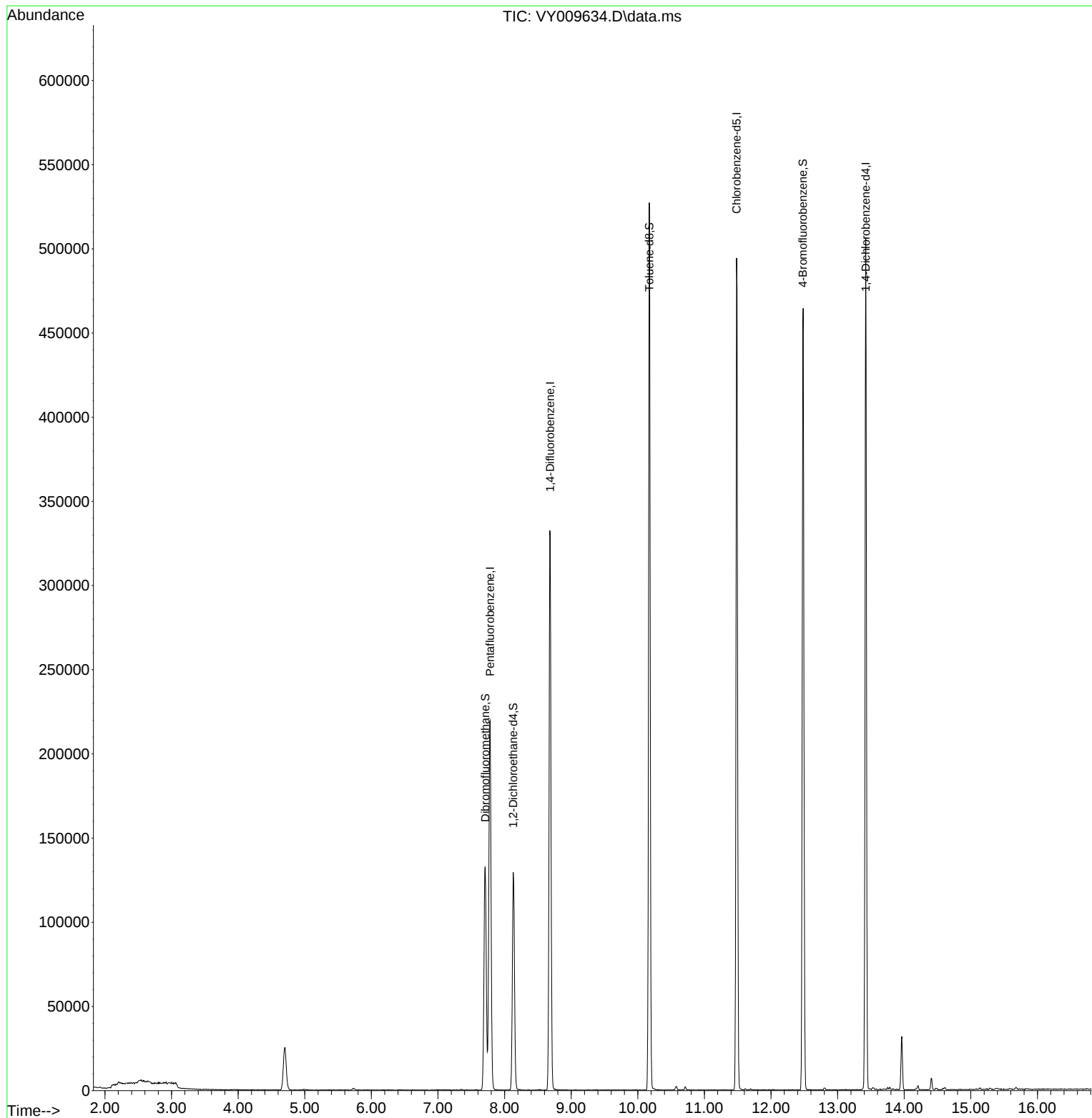
Target Compounds	Qvalue

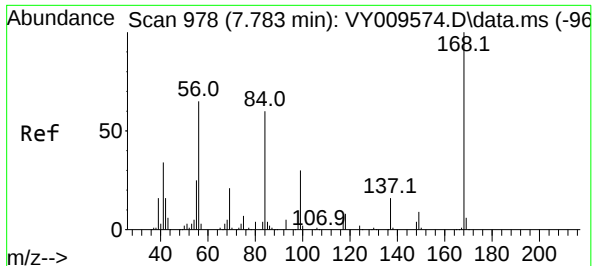
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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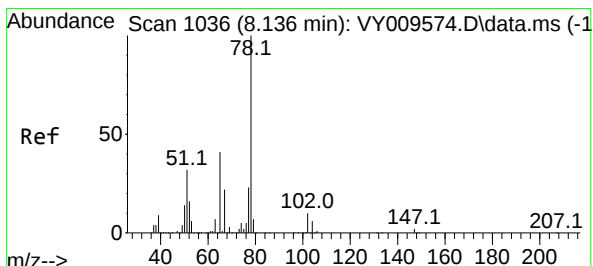
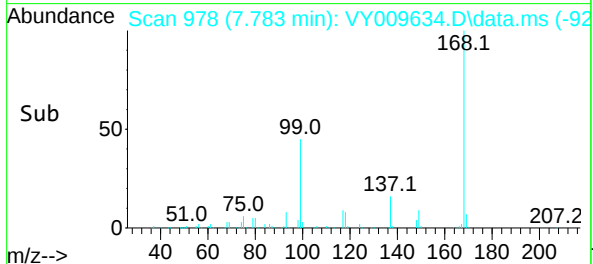
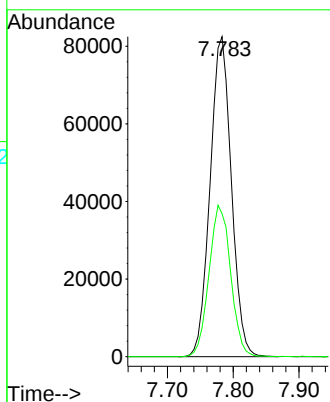
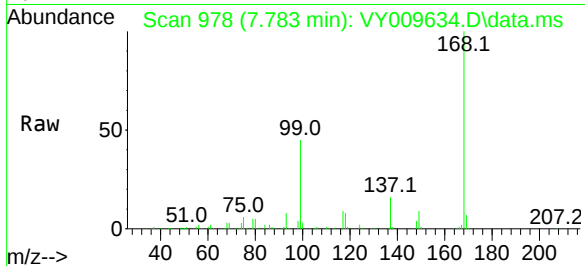




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

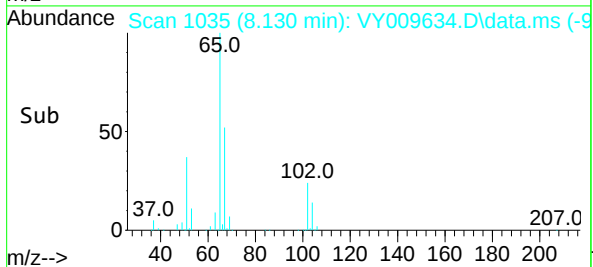
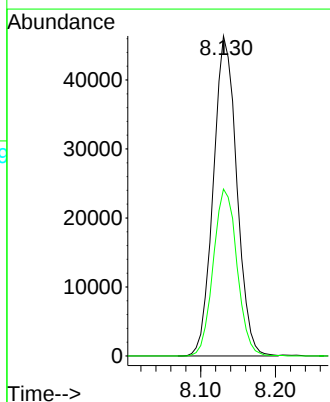
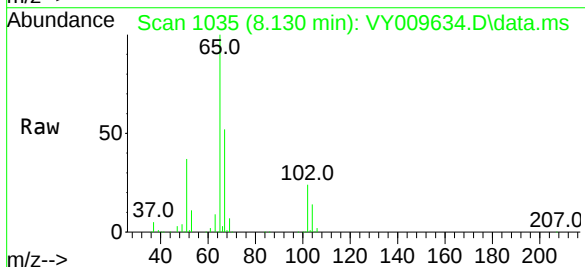
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3EB

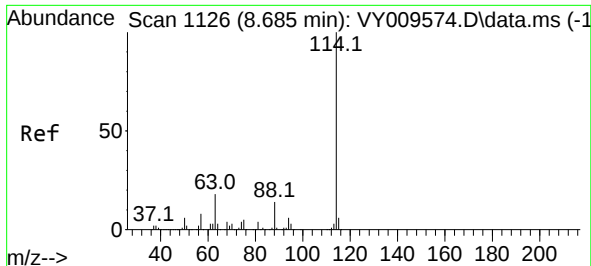
Tgt Ion:168 Resp: 185699
Ion Ratio Lower Upper
168 100
99 44.7 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 57.636 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion: 65 Resp: 101224
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

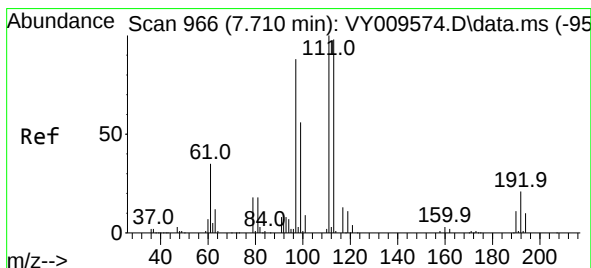
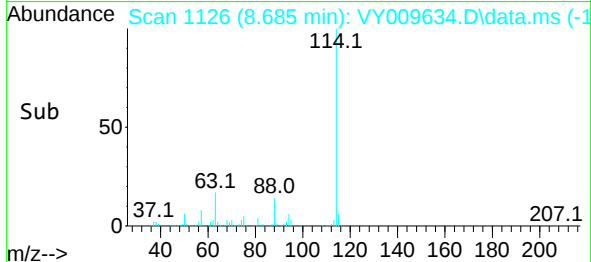
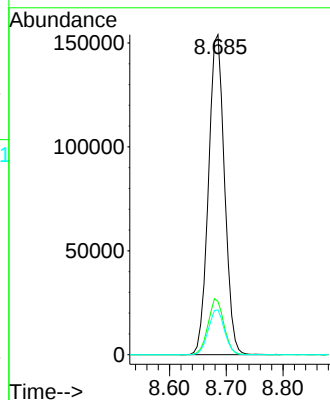
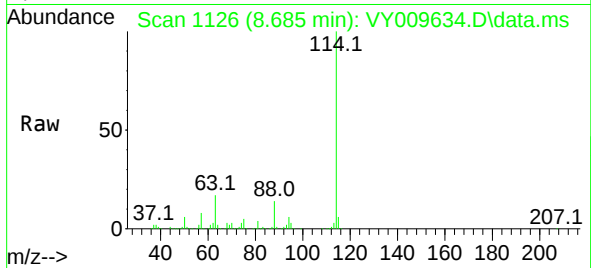




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

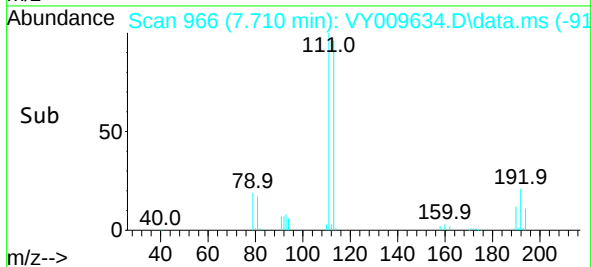
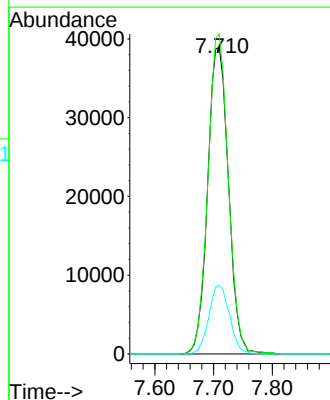
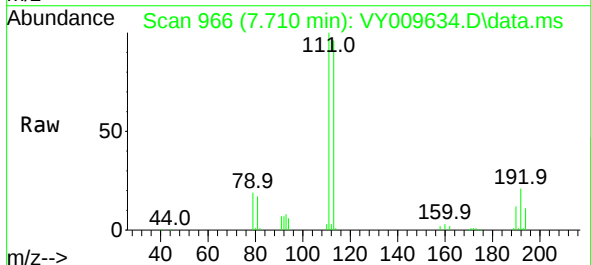
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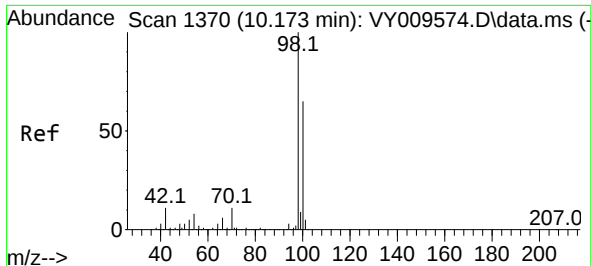
Tgt Ion:114 Resp: 302553
Ion Ratio Lower Upper
114 100
63 16.7 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.329 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion:113 Resp: 95930
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 22.3 17.6 26.4

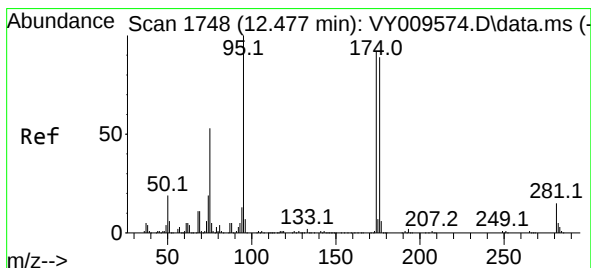
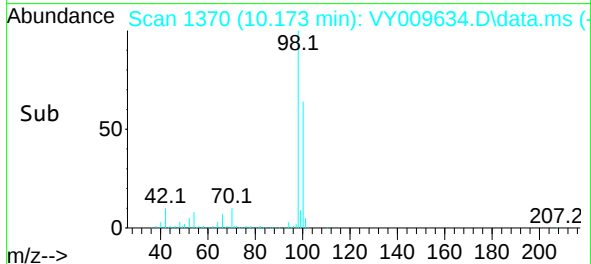
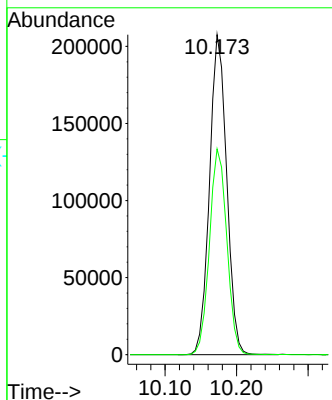
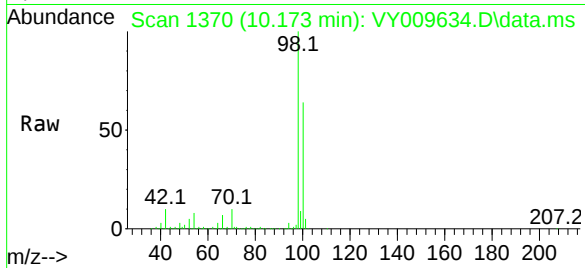




#50
Toluene-d8
Concen: 47.240 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

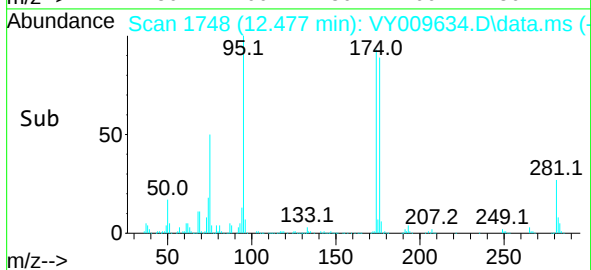
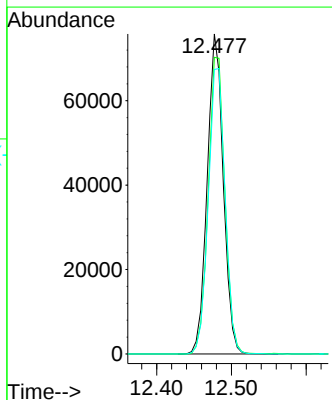
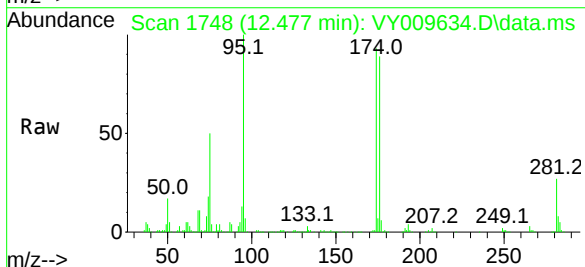
Instrument :
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ClientSampleId :
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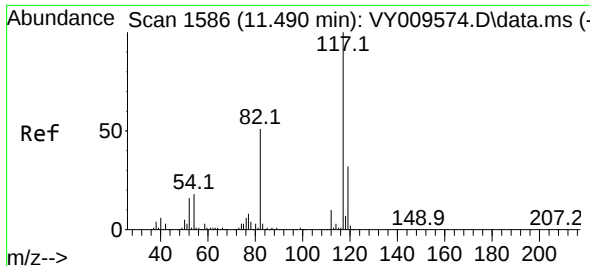
Tgt Ion: 98 Resp: 346153
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.639 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion: 95 Resp: 113110
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 93.4 0.0 175.8

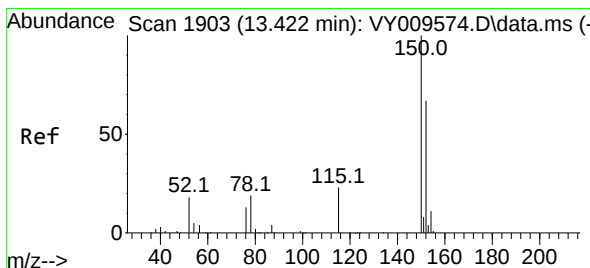
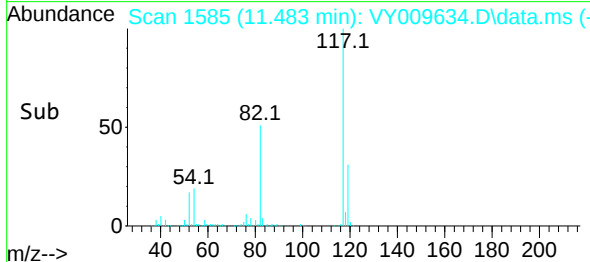
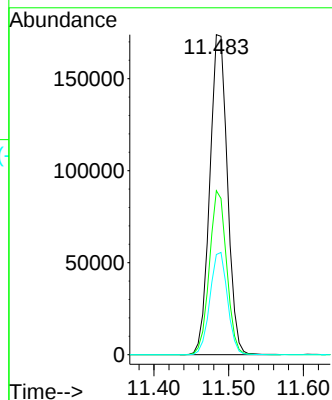
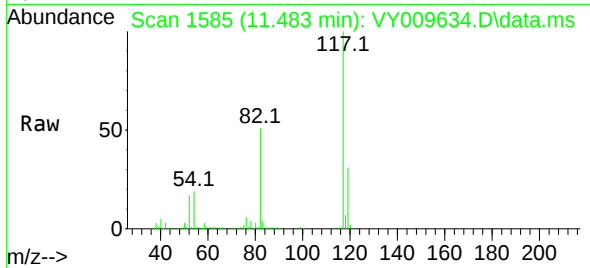




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3EB

Tgt Ion:117 Resp: 284101
Ion Ratio Lower Upper
117 100
82 51.3 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: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion:152 Resp: 134712
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 155.4 0.0 347.6

