

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009639.D
 Acq On : 21 Jul 2022 17:36
 Operator : KP/MD
 Sample : N3786-19
 Misc : 7.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC17B

Quant Time: Jul 22 02:30:56 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	252049	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	407832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	130830	54.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.760%
35) Dibromofluoromethane	7.710	113	124814	48.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.173	98	461160	46.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	93.380%
62) 4-Bromofluorobenzene	12.477	95	149542	46.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	93.440%

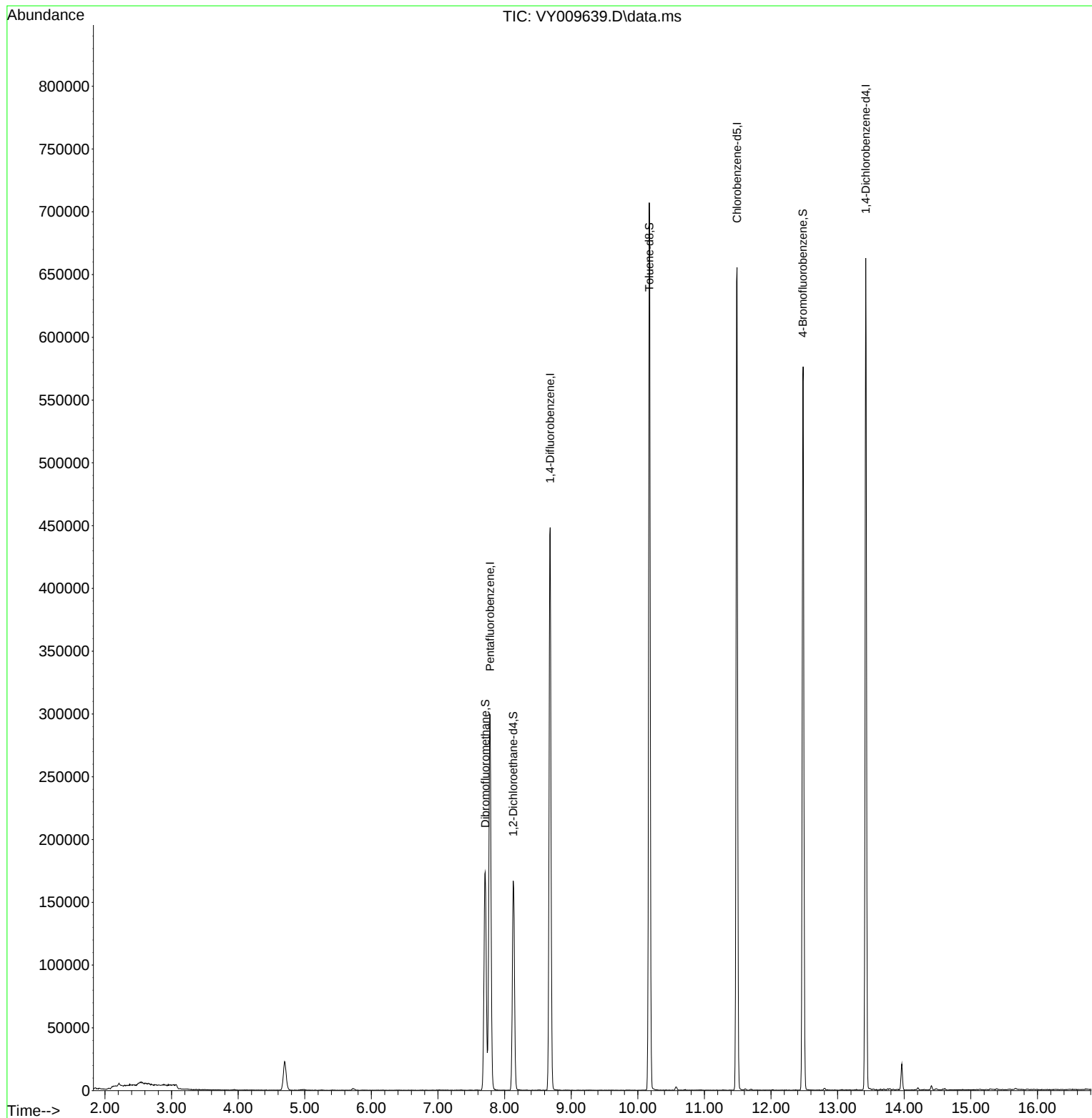
Target Compounds	Qvalue

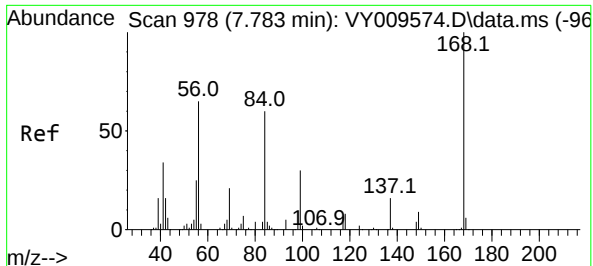
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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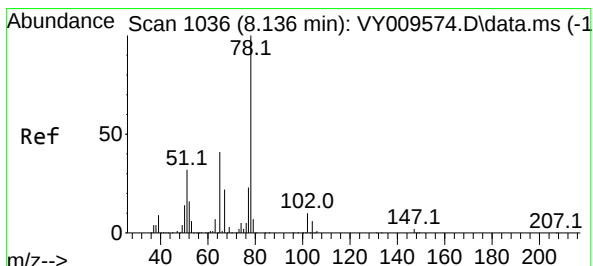
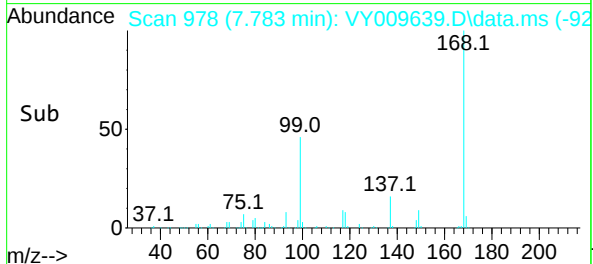
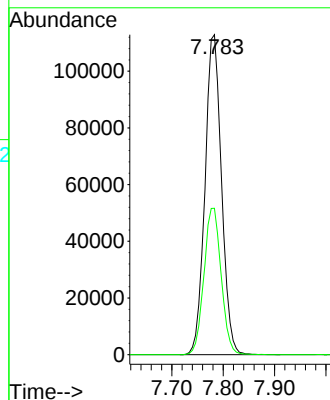
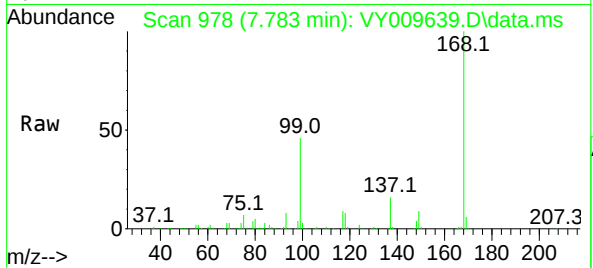




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

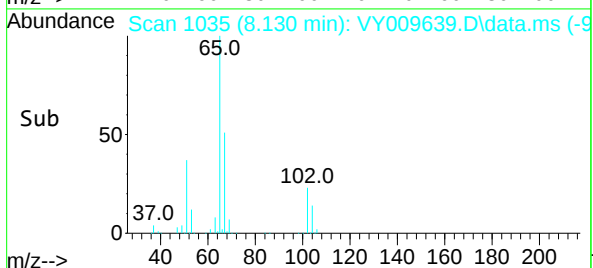
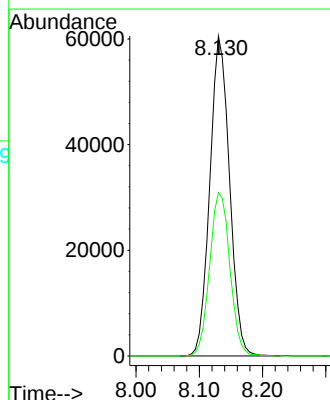
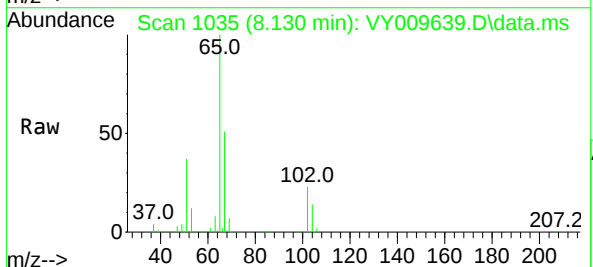
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC17B

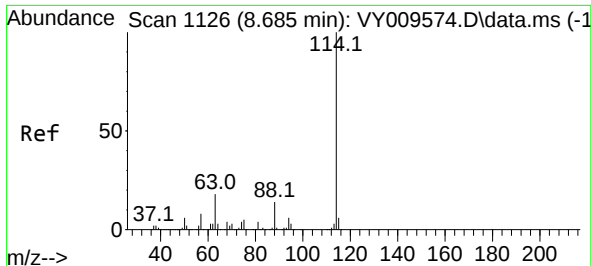
Tgt Ion:168 Resp: 252049
Ion Ratio Lower Upper
168 100
99 45.7 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 54.884 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Tgt Ion: 65 Resp: 130830
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

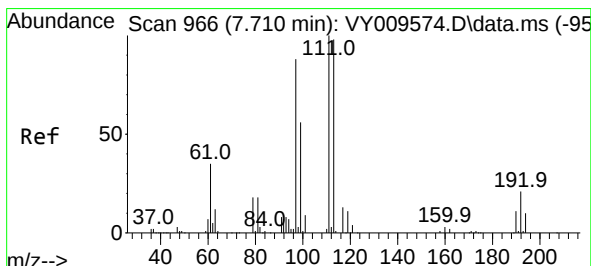
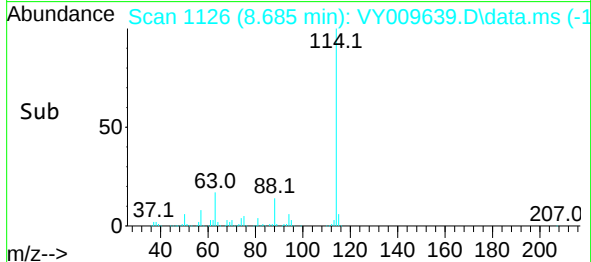
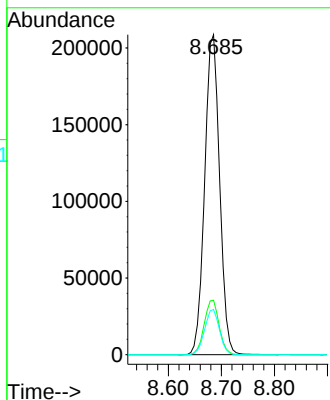
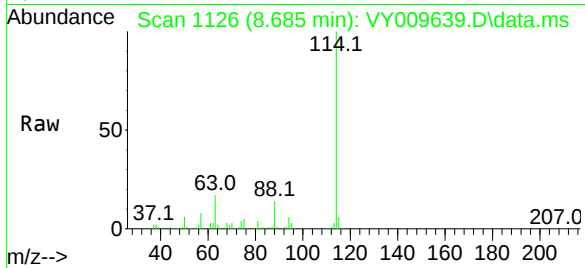




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

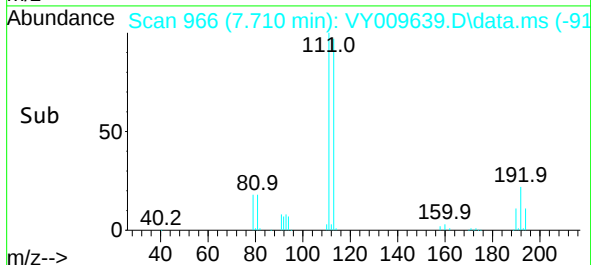
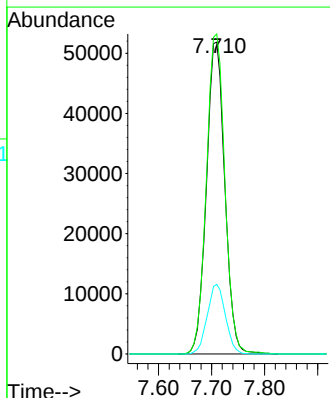
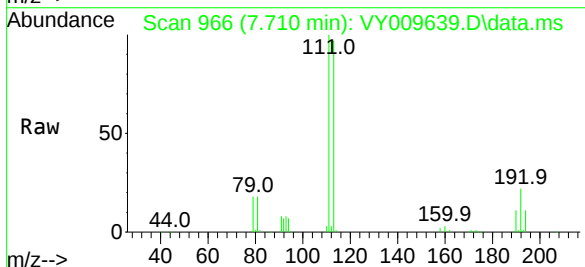
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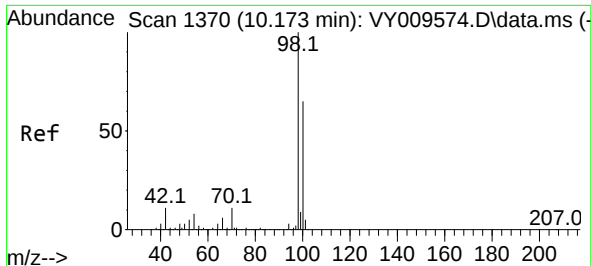
Tgt Ion:114 Resp: 407832
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.578 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Tgt Ion:113 Resp: 124814
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 22.1 17.6 26.4

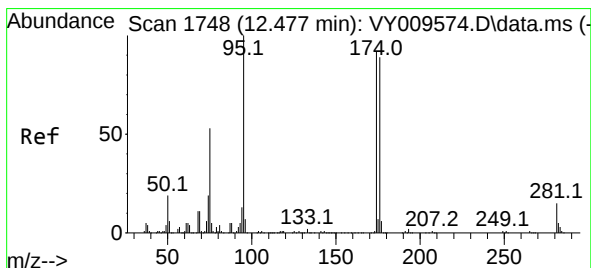
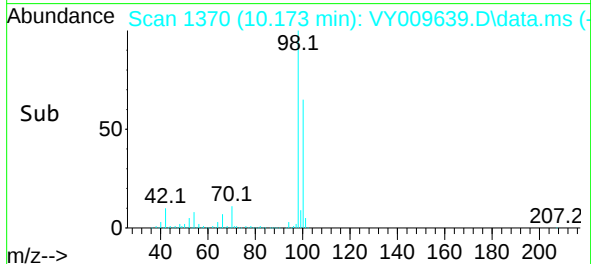
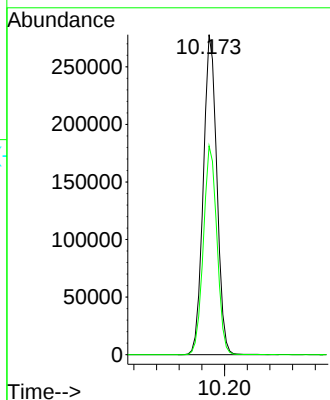
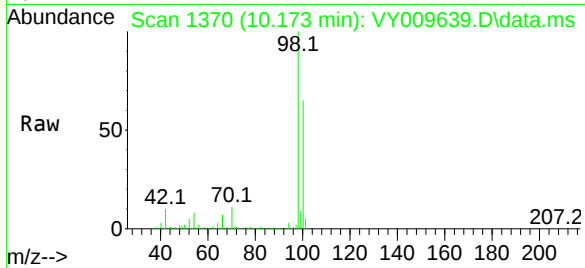




#50
Toluene-d8
Concen: 46.689 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

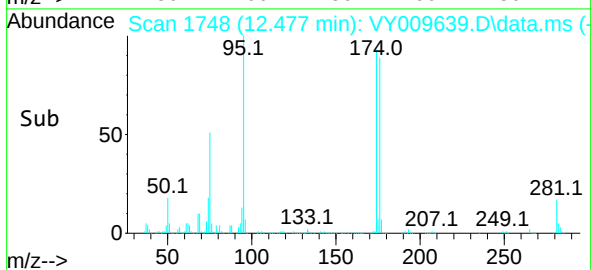
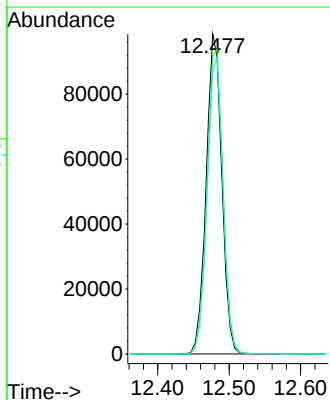
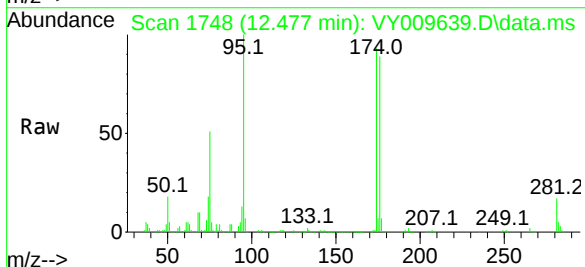
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC17B

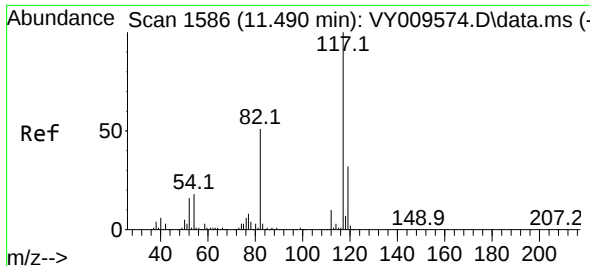
Tgt Ion: 98 Resp: 461160
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.724 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Tgt Ion: 95 Resp: 149542
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 93.8 0.0 175.8

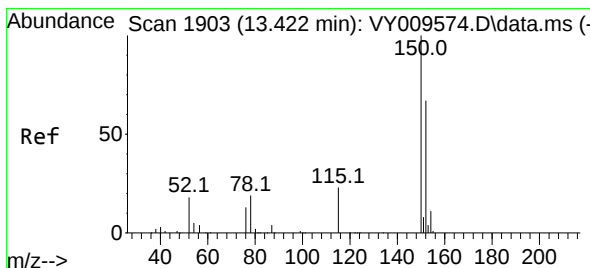
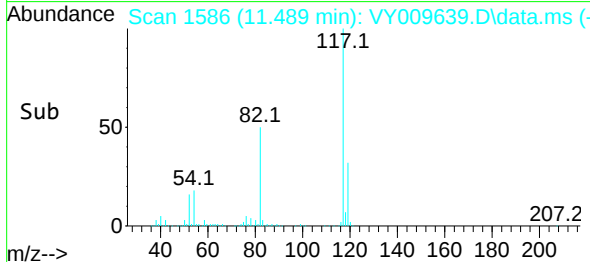
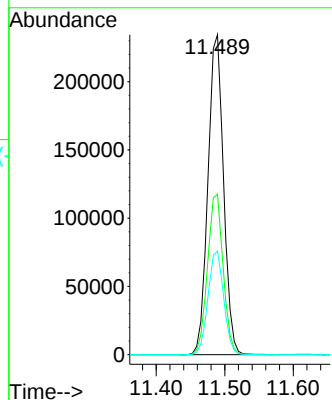
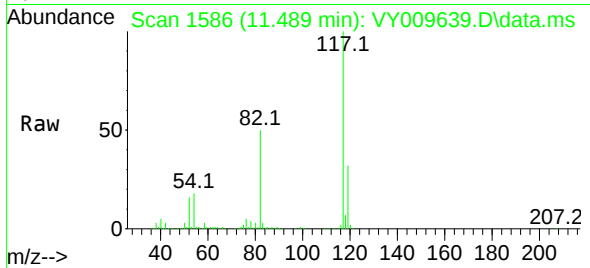




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC17B

Tgt Ion:117 Resp: 370569
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.4 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: VY009639.D
Acq: 21 Jul 2022 17:36

Tgt Ion:152 Resp: 176181
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 156.5 0.0 347.6

