

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009644.D
 Acq On : 21 Jul 2022 19:35
 Operator : KP/MD
 Sample : N3835-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-191E

Quant Time: Jul 22 02:31:39 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	269924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	446151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	423770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	143095	56.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.100%
35) Dibromofluoromethane	7.704	113	139493	49.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.260%
50) Toluene-d8	10.173	98	513684	47.540	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.477	95	167395	47.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	95.620%

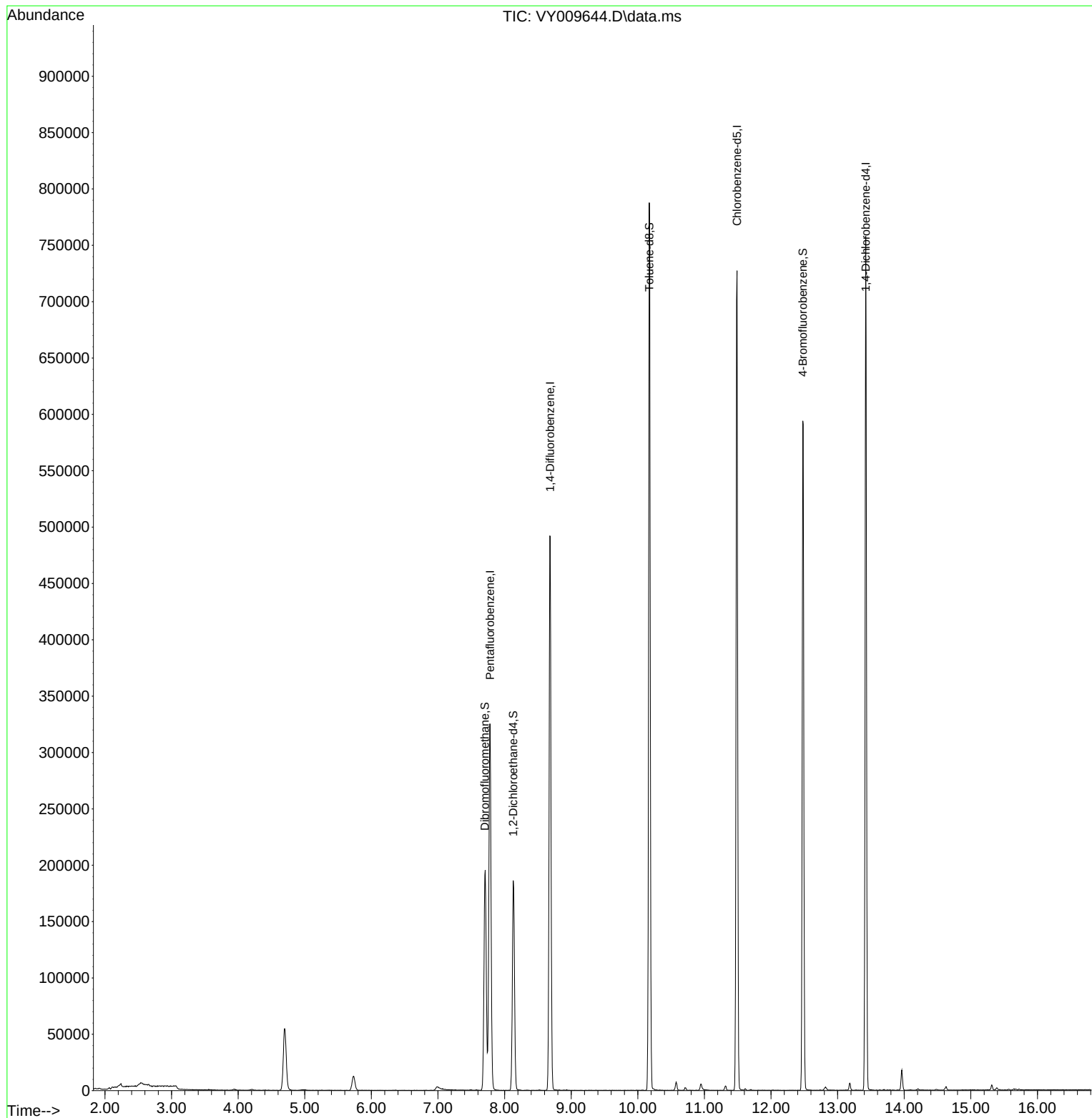
Target Compounds	Qvalue

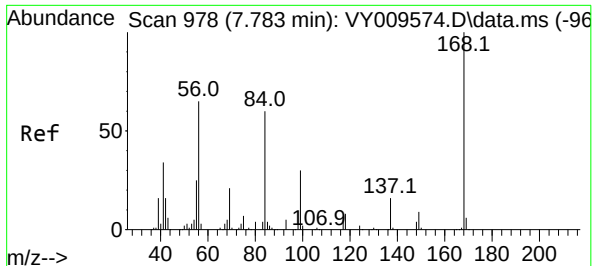
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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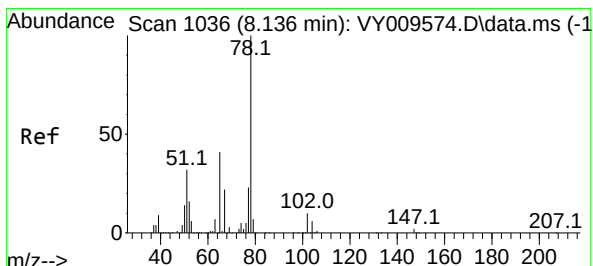
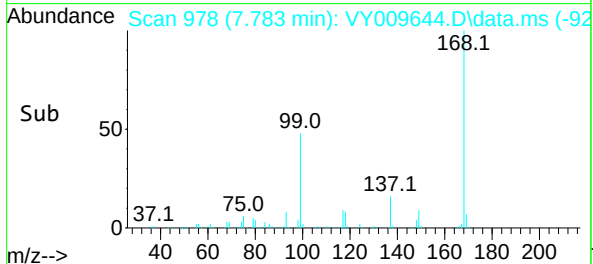
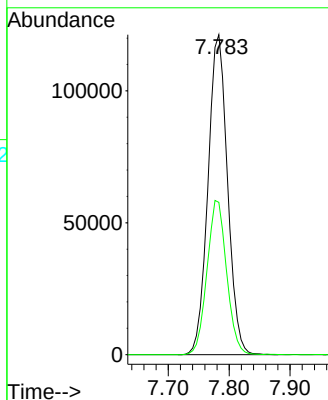
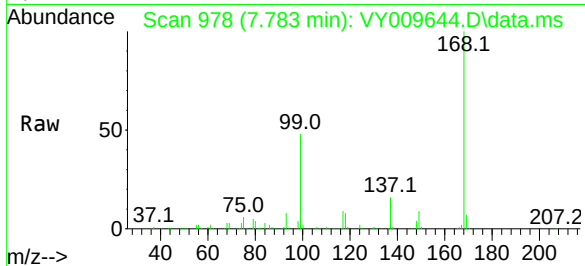




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009644.D
Acq: 21 Jul 2022 19:35

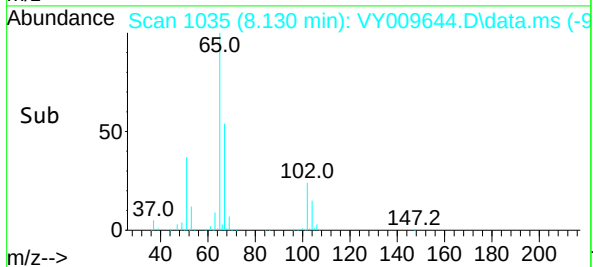
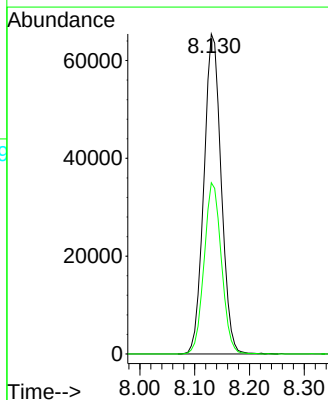
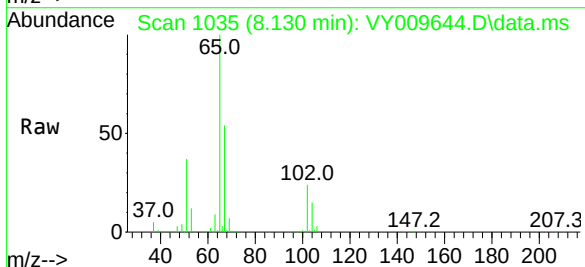
Instrument :
MSVOA_Y
ClientSampleId :
MH-191E

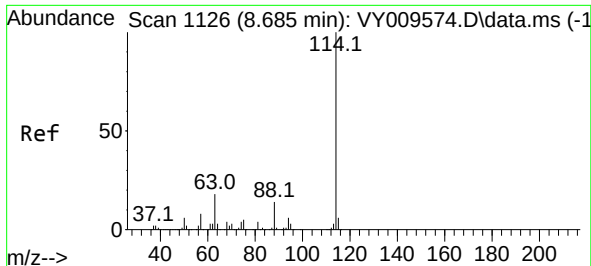
Tgt Ion:168 Resp: 269924
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.054 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009644.D
Acq: 21 Jul 2022 19:35

Tgt Ion: 65 Resp: 143095
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

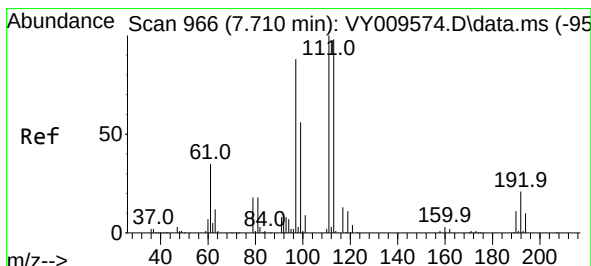
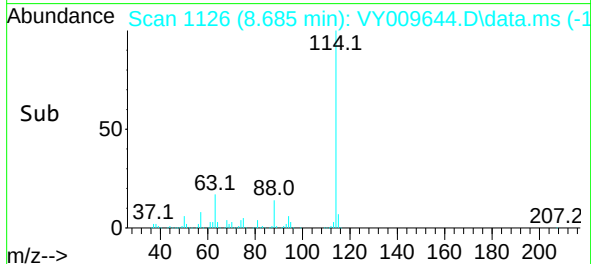
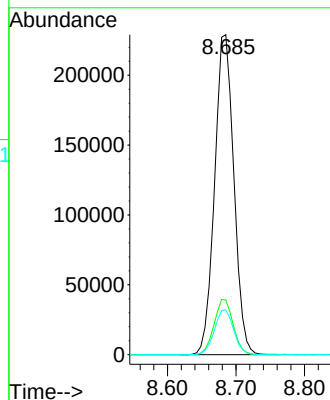
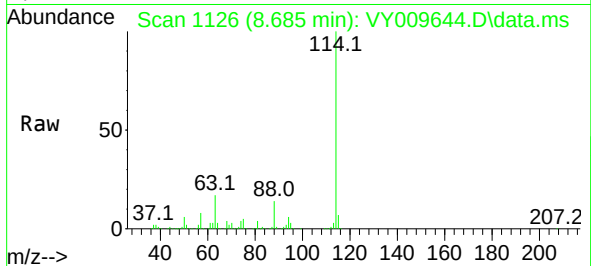




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009644.D
Acq: 21 Jul 2022 19:35

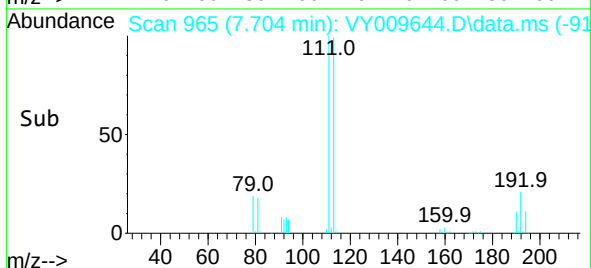
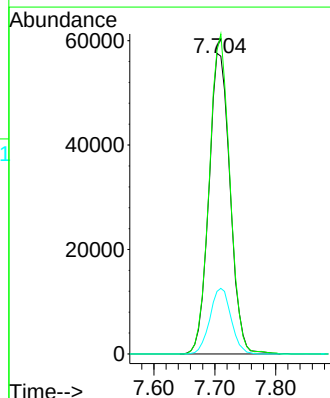
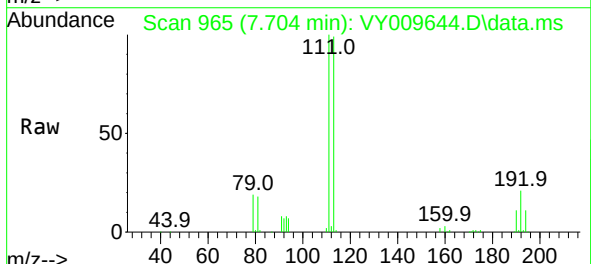
Instrument :
MSVOA_Y
ClientSampleId :
MH-191E

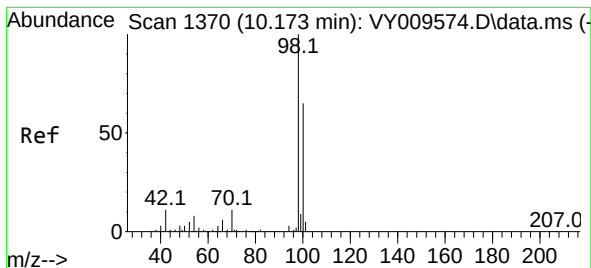
Tgt Ion:114 Resp: 446151
Ion Ratio Lower Upper
114 100
63 17.1 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.629 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY009644.D
Acq: 21 Jul 2022 19:35

Tgt Ion:113 Resp: 139493
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 21.7 17.6 26.4

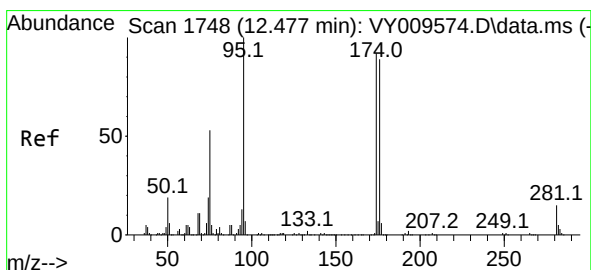
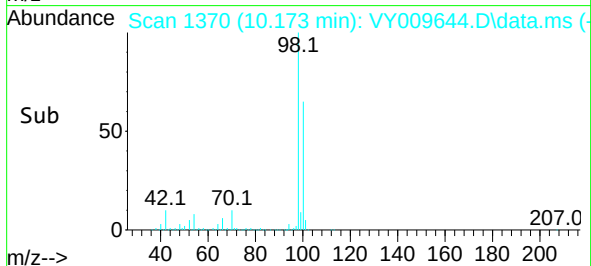
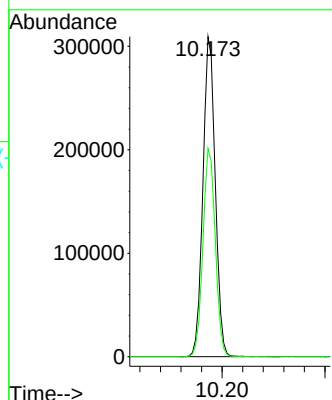
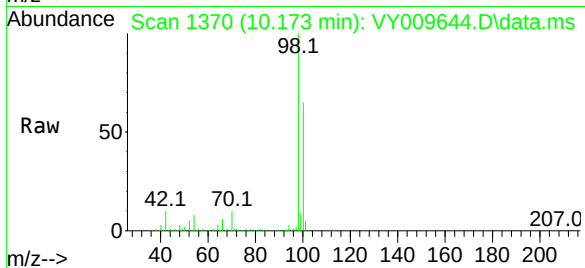




#50
Toluene-d8
Concen: 47.540 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009644.D
Acq: 21 Jul 2022 19:35

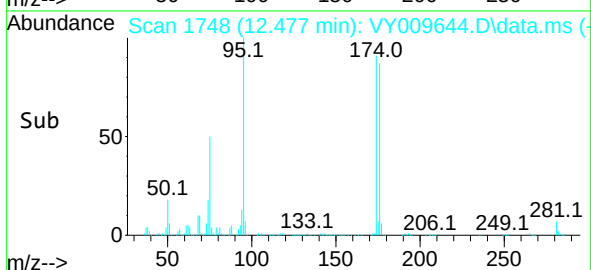
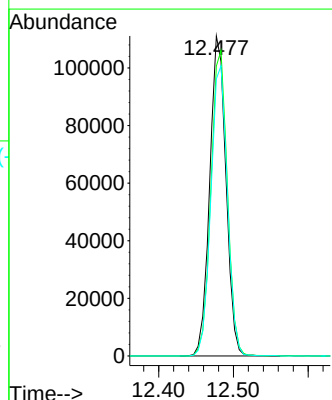
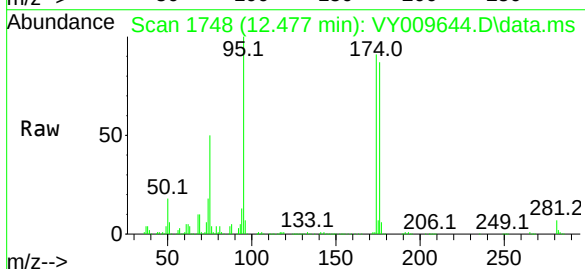
Instrument :
MSVOA_Y
ClientSampleId :
MH-191E

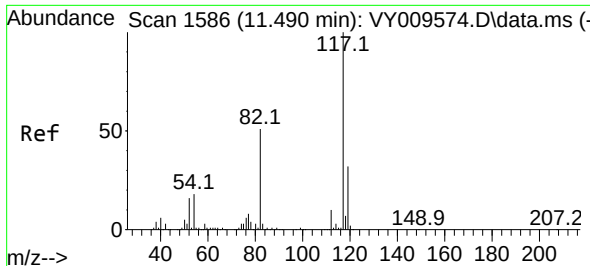
Tgt Ion: 98 Resp: 513684
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.810 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009644.D
Acq: 21 Jul 2022 19:35

Tgt Ion: 95 Resp: 167395
Ion Ratio Lower Upper
95 100
174 96.7 0.0 177.0
176 92.6 0.0 175.8

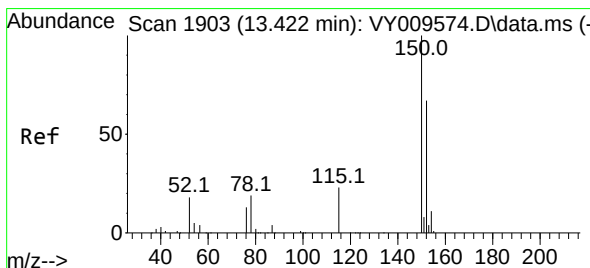
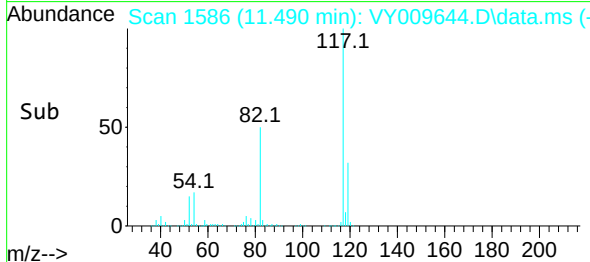
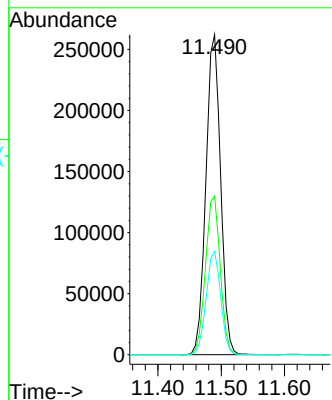
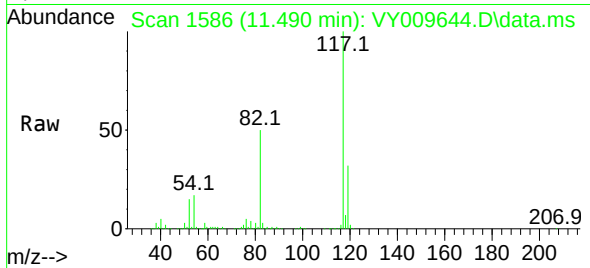




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009644.D
Acq: 21 Jul 2022 19:35

Instrument :
MSVOA_Y
ClientSampleId :
MH-191E

Tgt Ion:117 Resp: 423770
Ion Ratio Lower Upper
117 100
82 49.6 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: VY009644.D
Acq: 21 Jul 2022 19:35

Tgt Ion:152 Resp: 197567
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 156.6 0.0 347.6

