

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010438.D
 Acq On : 09 Sep 2022 23:13
 Operator : KP/MD
 Sample : N4509-05
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_116D-20220902

Quant Time: Sep 12 03:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53204	26.302	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	52.600%
35) Dibromofluoromethane	7.716	113	49518	23.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.140%#
50) Toluene-d8	10.179	98	335105	49.218	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.483	95	76608	25.352	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	50.700%

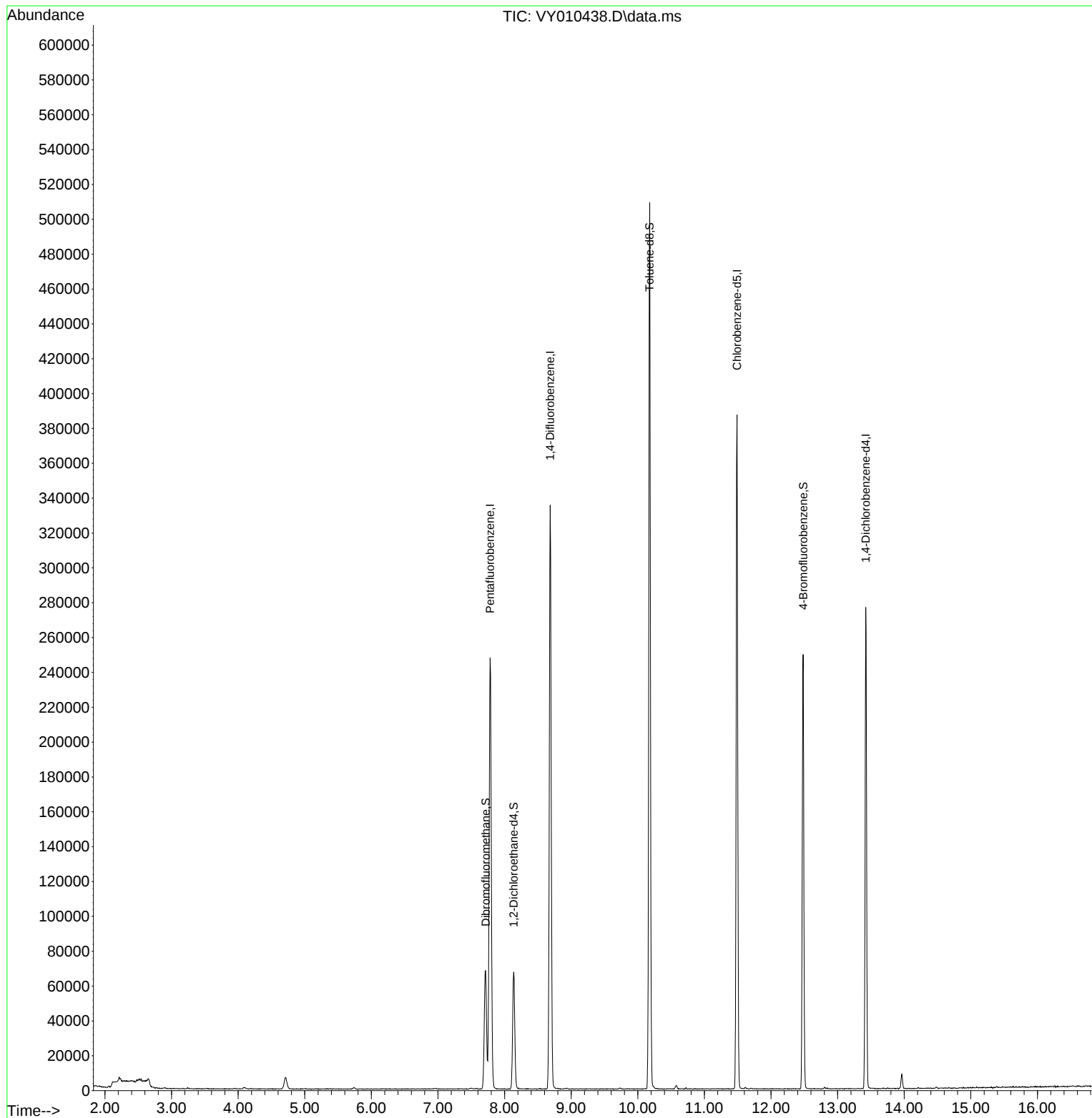
Target Compounds	Qvalue

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

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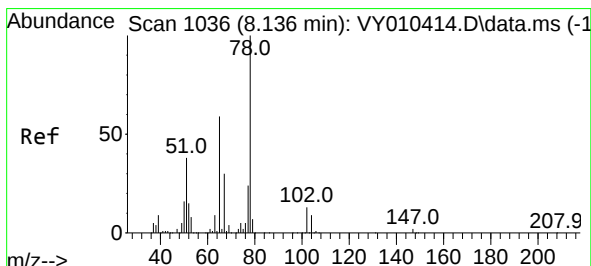
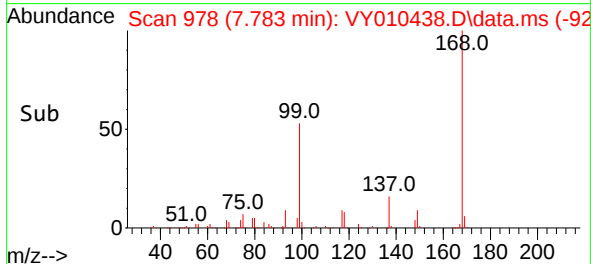
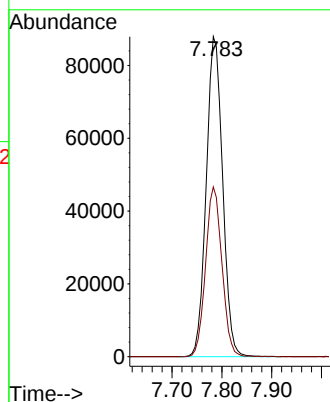
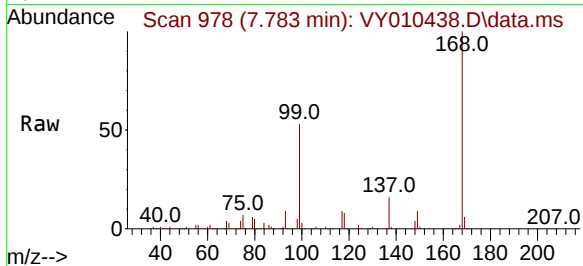




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

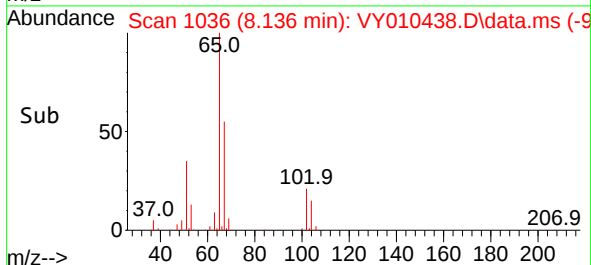
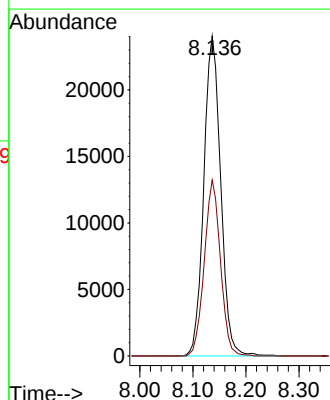
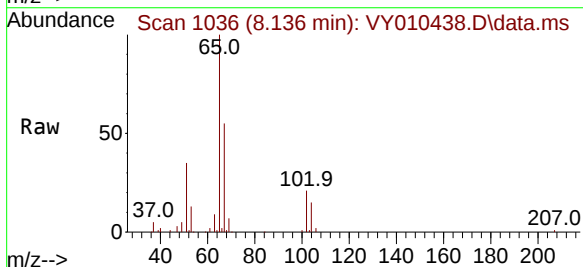
Instrument :
MSVOA_Y
ClientSampleId :
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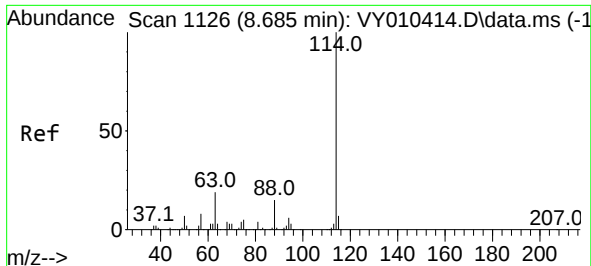
Tgt Ion:168 Resp: 200840
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 26.302 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion: 65 Resp: 53204
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

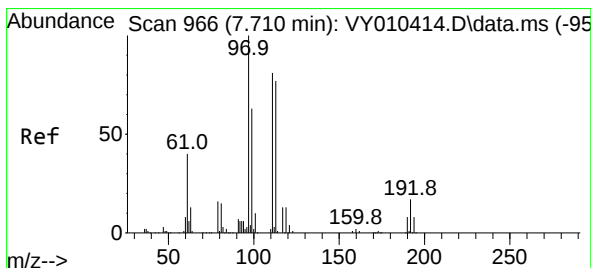
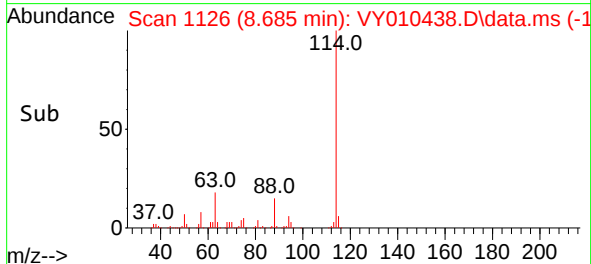
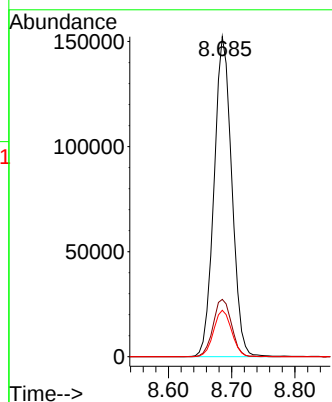
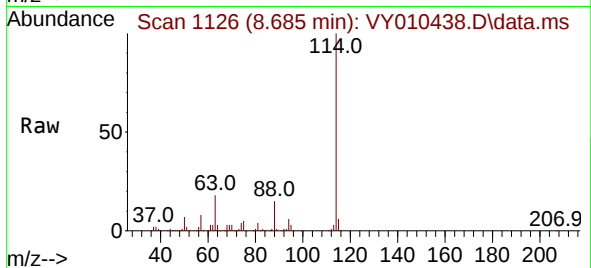




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

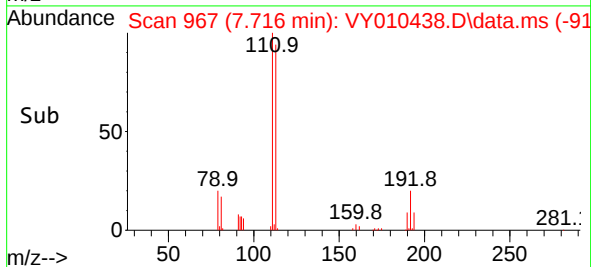
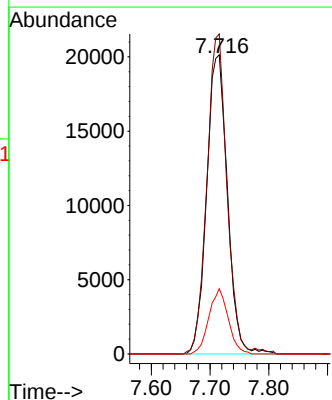
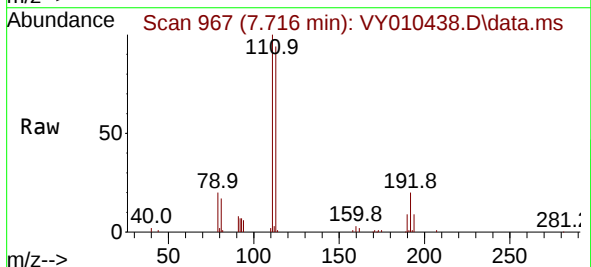
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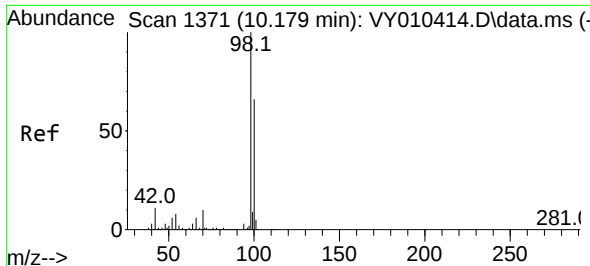
Tgt Ion:	114	Resp:	295800
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	43.2
88	14.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 23.571 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion:	113	Resp:	49518
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	20.2	17.6	26.4

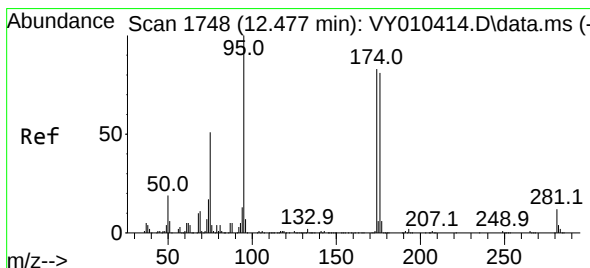
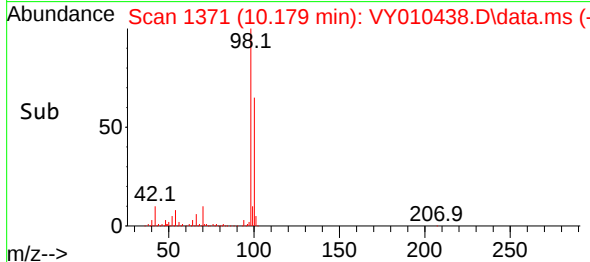
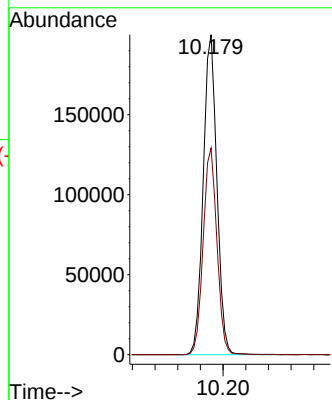
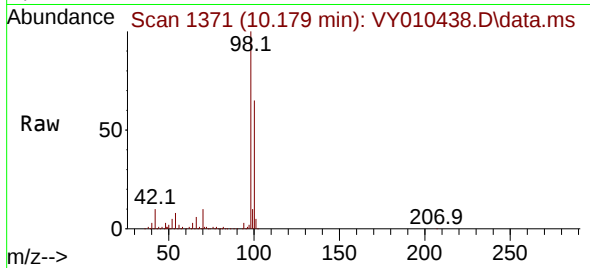




#50
Toluene-d8
Concen: 49.218 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

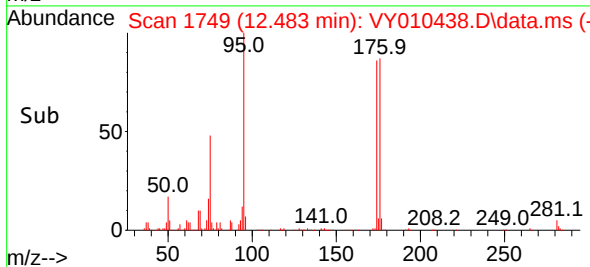
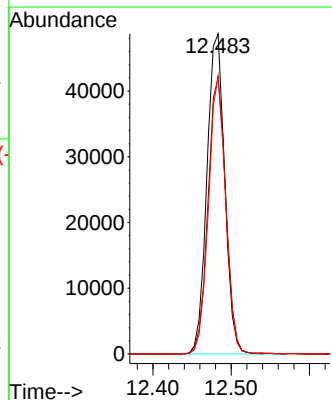
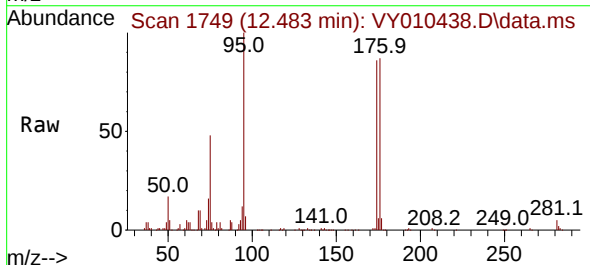
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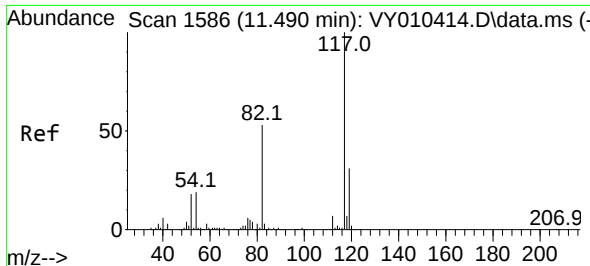
Tgt Ion: 98 Resp: 335105
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 25.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion: 95 Resp: 76608
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.8 0.0 175.8

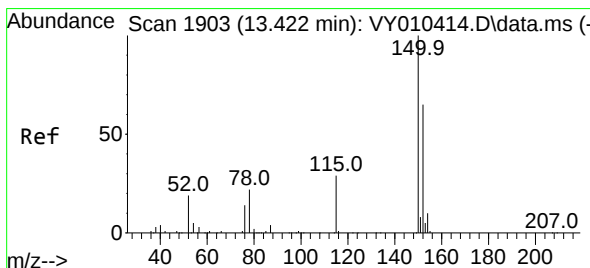
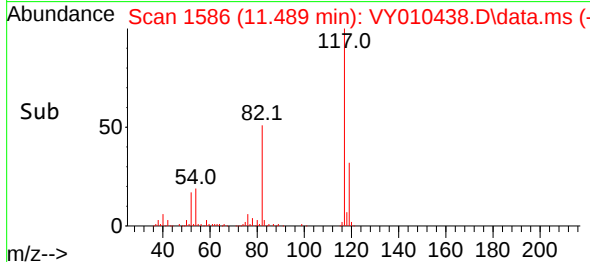
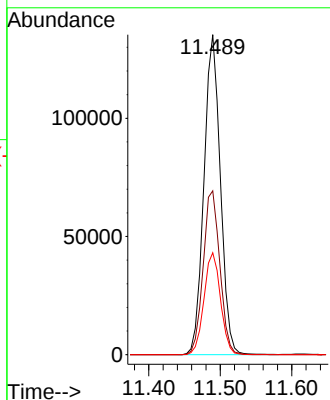
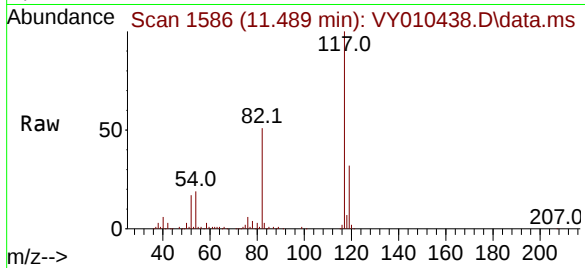




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Instrument :
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Tgt Ion:	117	Resp:	216008
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.0	64.4
119	31.9	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: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion:	152	Resp:	73620
Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.7
150	156.5	0.0	347.6

