

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009336.D
 Acq On : 25 Jun 2022 20:02
 Operator : KP/MD
 Sample : N3488-16
 Misc : 4.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-2.5-4.5-20220623

Quant Time: Jun 27 10:34:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	153472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	259899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93303	83.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.660%#
35) Dibromofluoromethane	7.710	113	82198	56.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.460%
50) Toluene-d8	10.173	98	325028	80.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	160.400%#
62) 4-Bromofluorobenzene	12.477	95	108325	52.028	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.060%

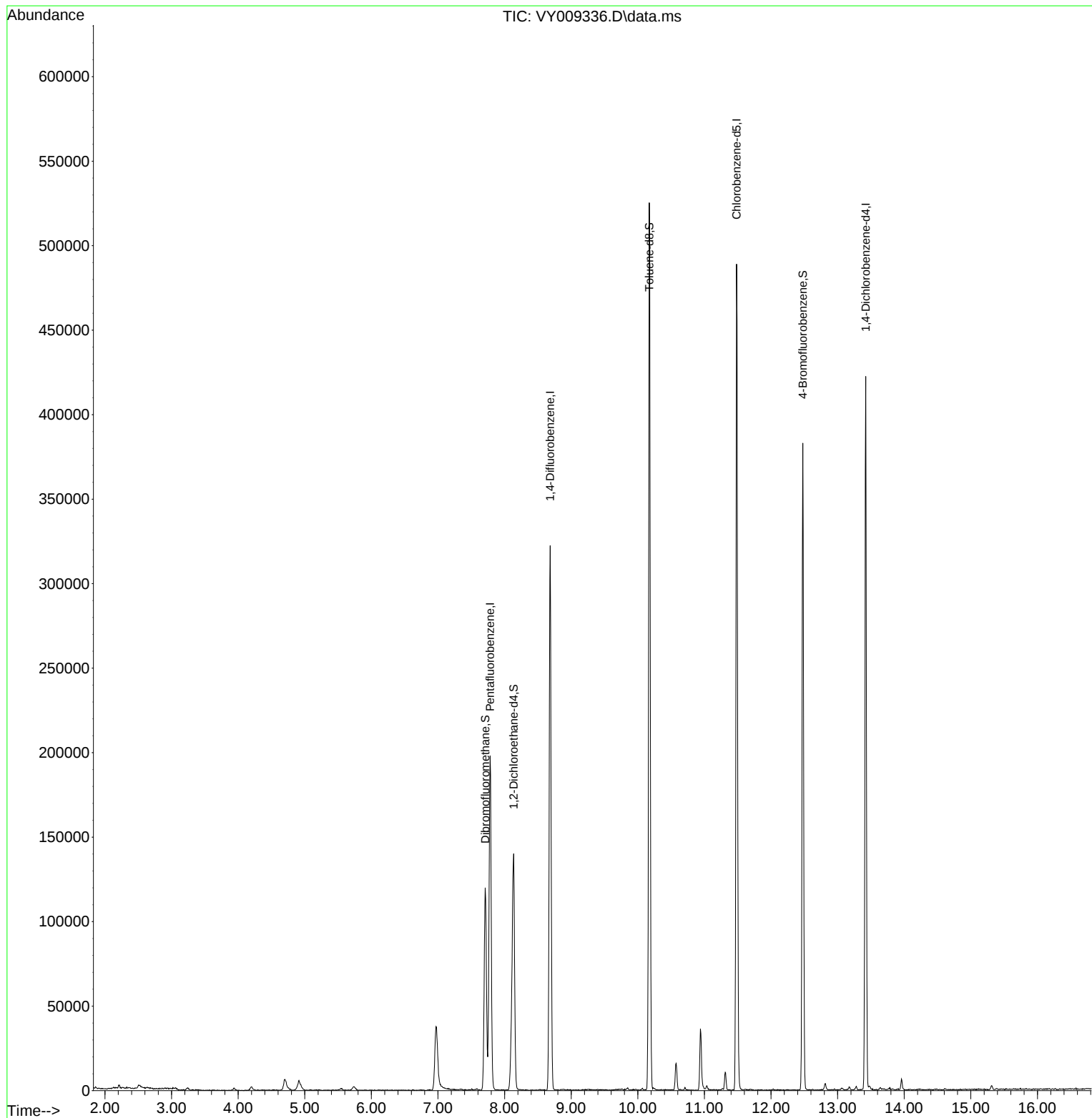
Target Compounds	Qvalue

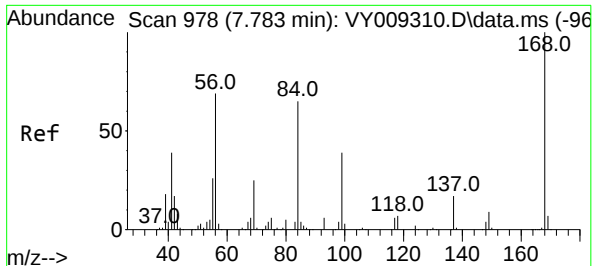
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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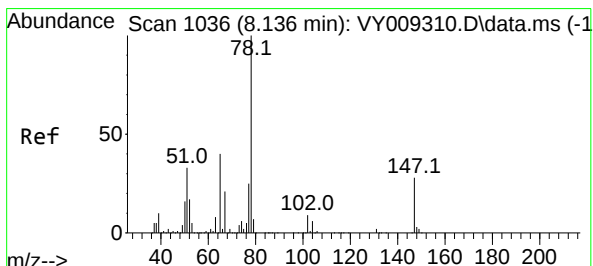
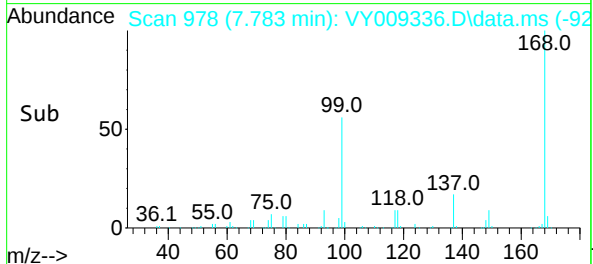
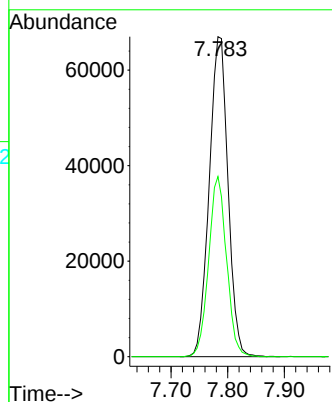
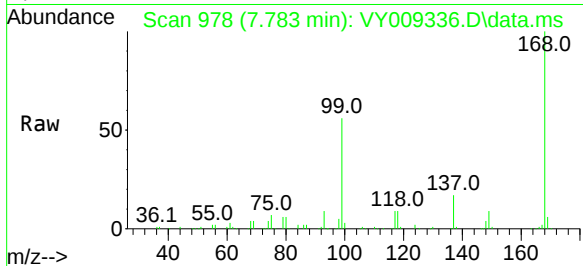




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

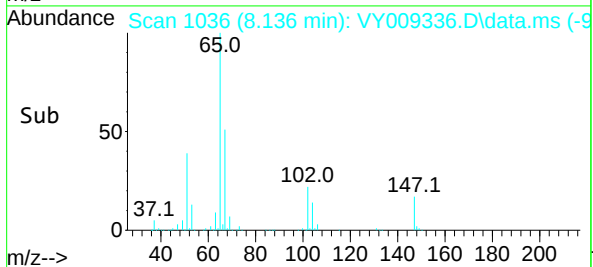
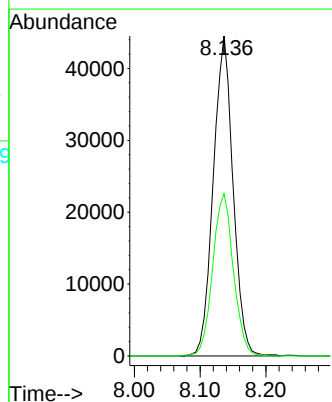
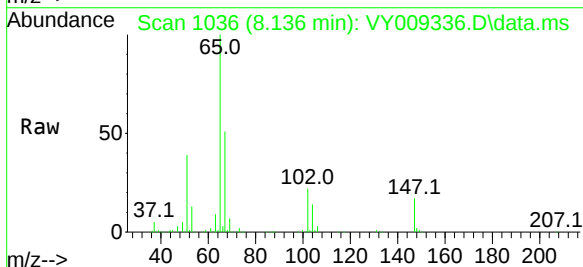
Instrument :
MSVOA_Y
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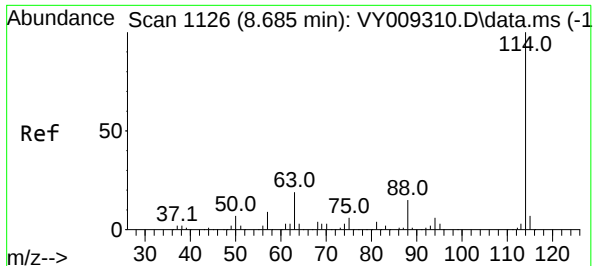
Tgt Ion:168 Resp: 153472
Ion Ratio Lower Upper
168 100
99 56.3 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 83.834 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Tgt Ion: 65 Resp: 93303
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.4

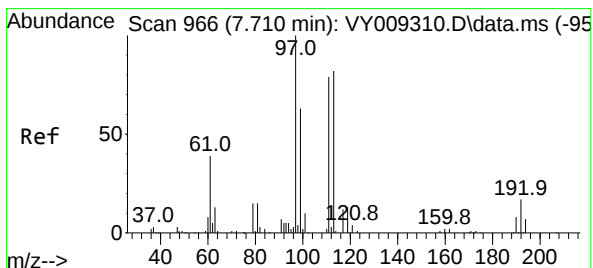
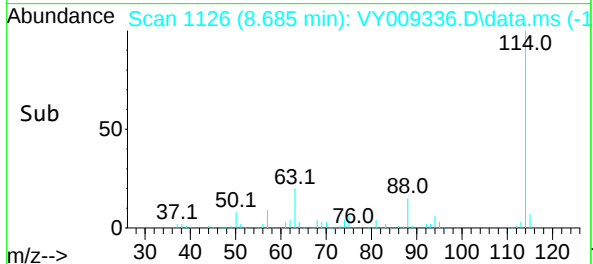
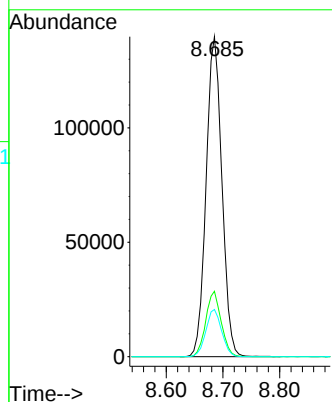
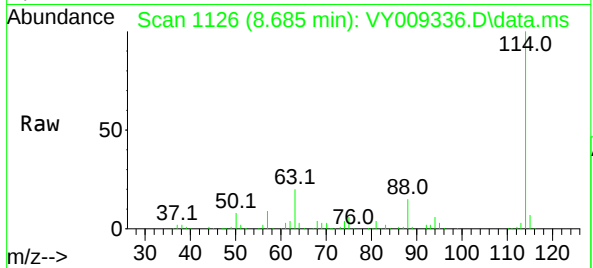




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

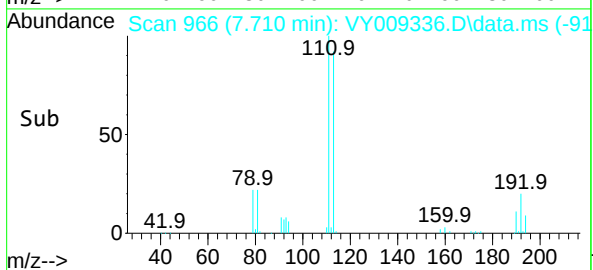
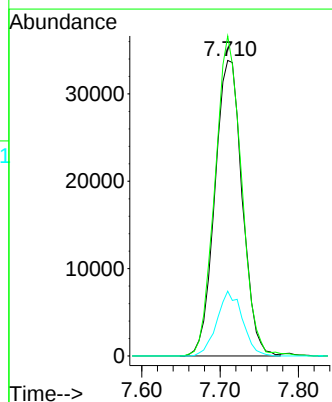
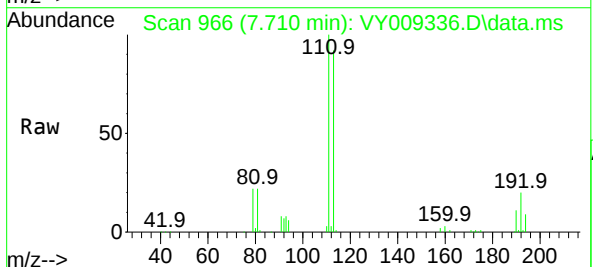
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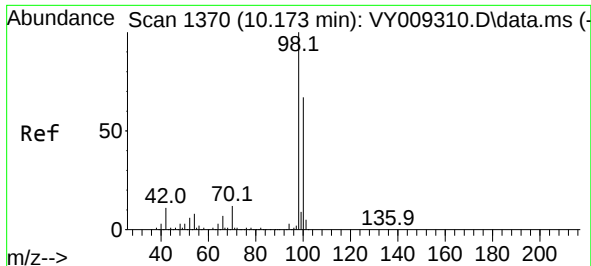
Tgt Ion:114 Resp: 270841
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.0
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 56.227 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Tgt Ion:113 Resp: 82198
Ion Ratio Lower Upper
113 100
111 104.9 80.6 120.8
192 20.5 16.2 24.4

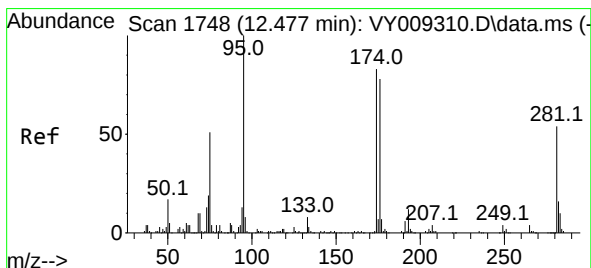
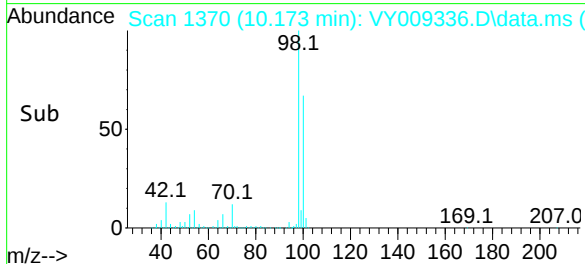
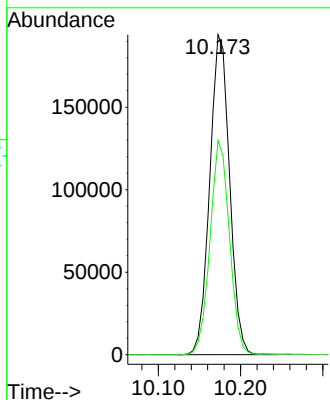
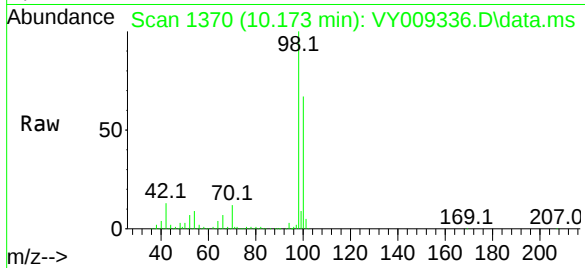




#50
Toluene-d8
Concen: 80.197 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

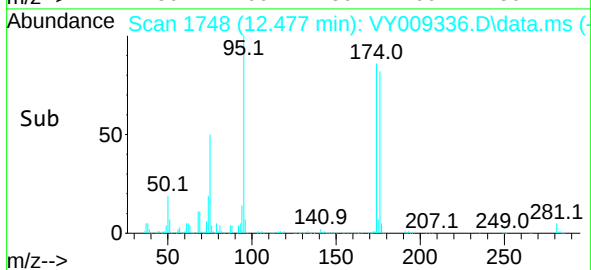
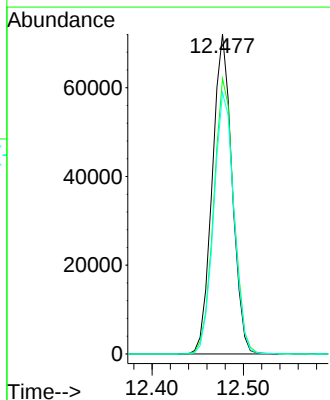
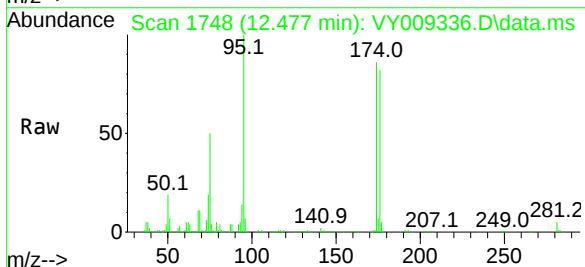
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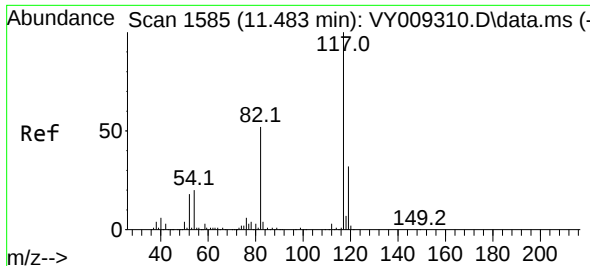
Tgt Ion: 98 Resp: 325028
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.028 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Tgt Ion: 95 Resp: 108325
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.8
176 83.3 0.0 167.0

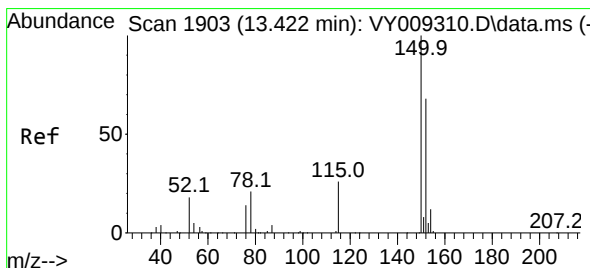
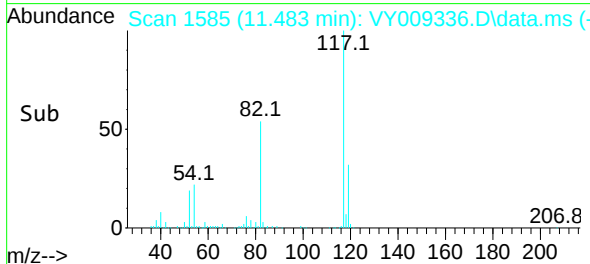
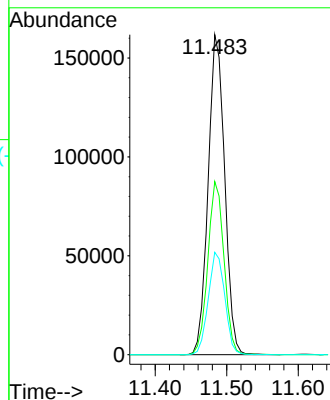
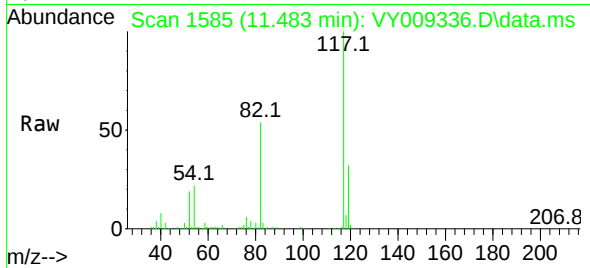




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

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MSVOA_Y
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SB-14-2.5-4.5-20220623

Tgt Ion:117 Resp: 259899
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Tgt Ion:152 Resp: 103833
Ion Ratio Lower Upper
152 100
115 56.9 28.6 85.9
150 157.5 0.0 349.8

