

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011394.D
 Acq On : 10 Nov 2022 16:38
 Operator : KP/MD
 Sample : N5531-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08

Quant Time: Nov 10 22:17:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	360494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	597231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	515486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	226898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	225279	74.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.160%
35) Dibromofluoromethane	7.716	113	240009	71.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.420%
50) Toluene-d8	10.179	98	929357	72.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	145.360%#
62) 4-Bromofluorobenzene	12.477	95	285567	64.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.060%

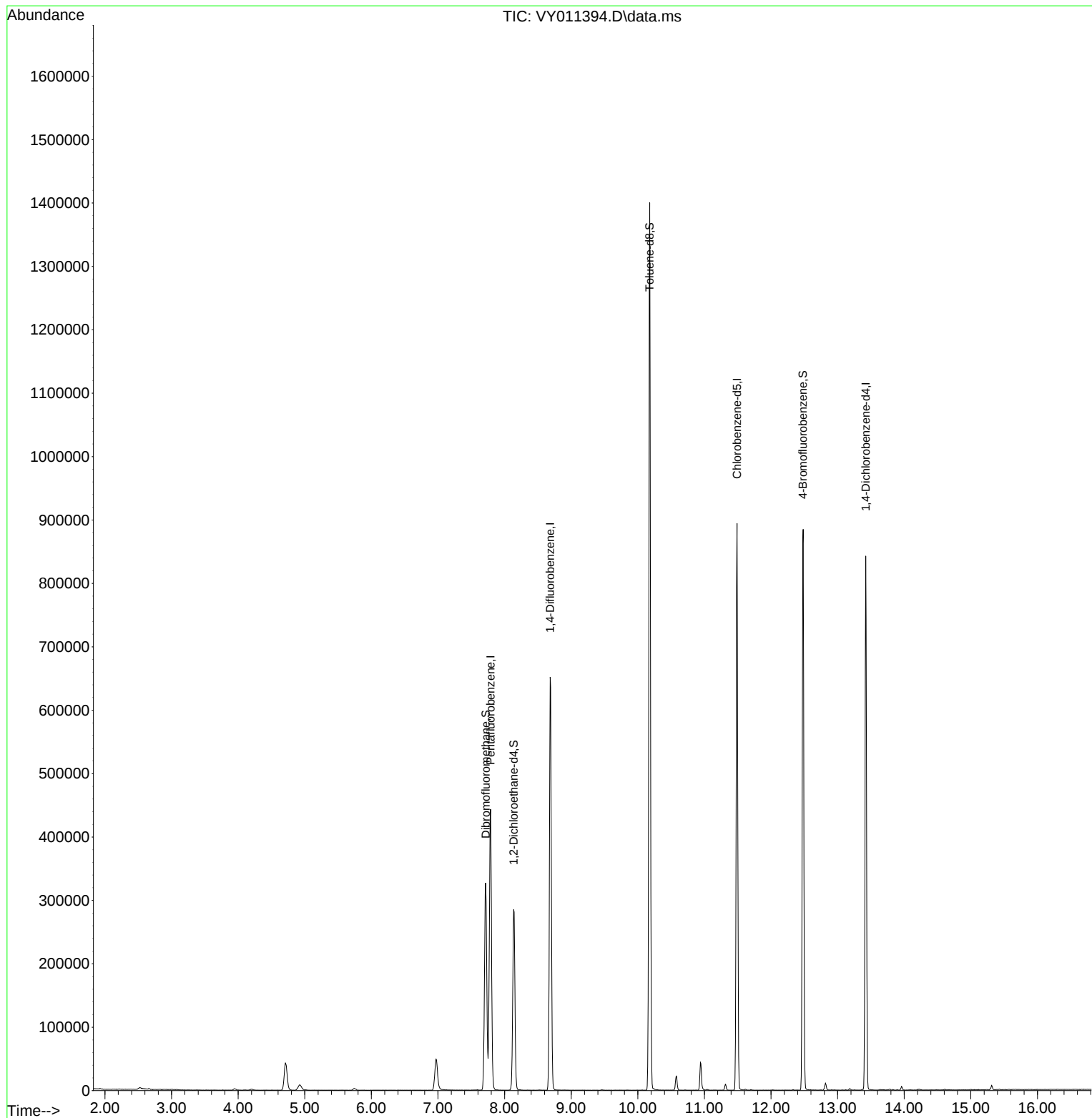
Target Compounds	Qvalue

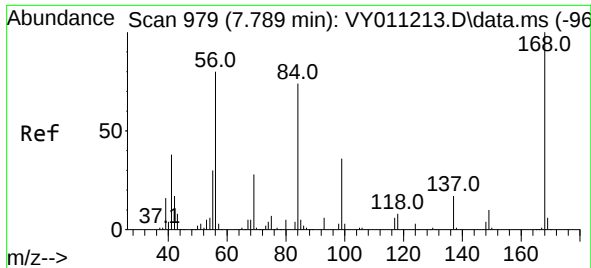
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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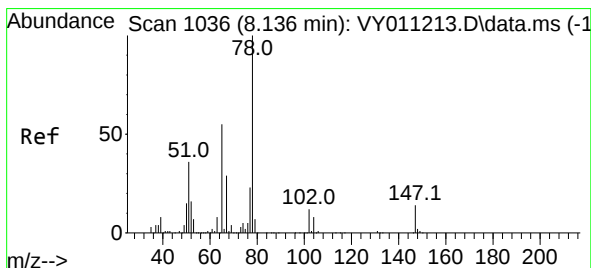
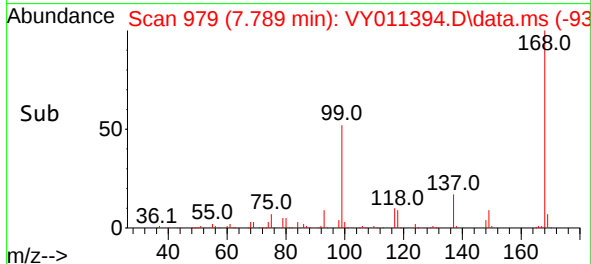
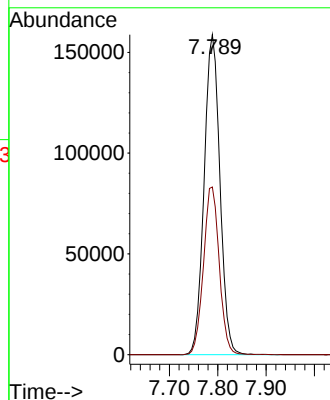
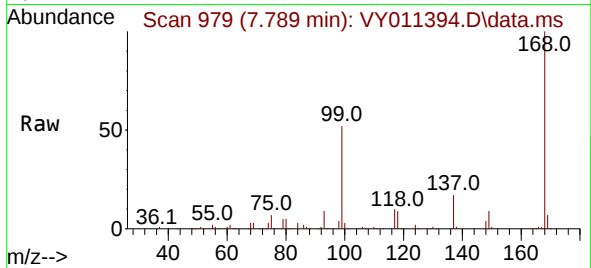




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

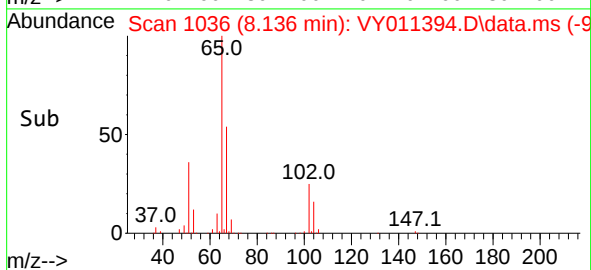
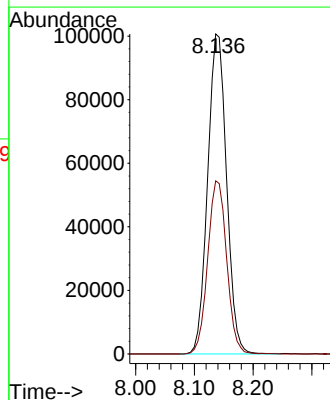
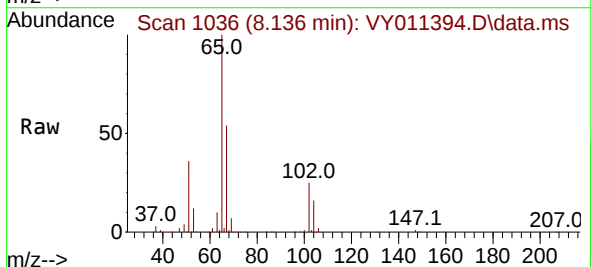
Instrument :
MSVOA_Y
ClientSampleId :
SB-08

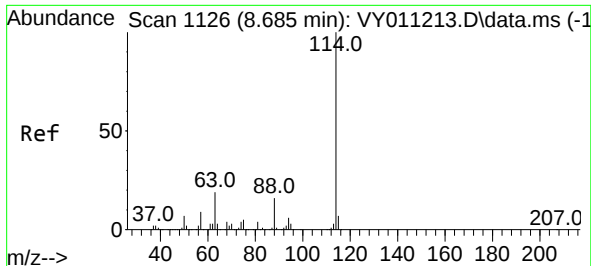
Tgt Ion:168 Resp: 360494
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 74.575 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion: 65 Resp: 225279
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

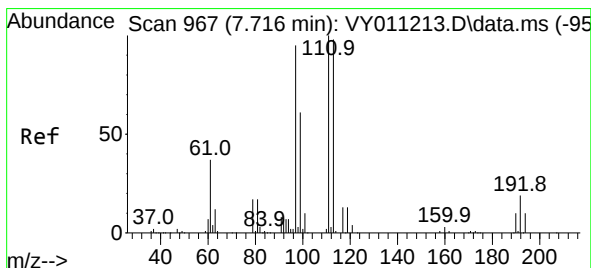
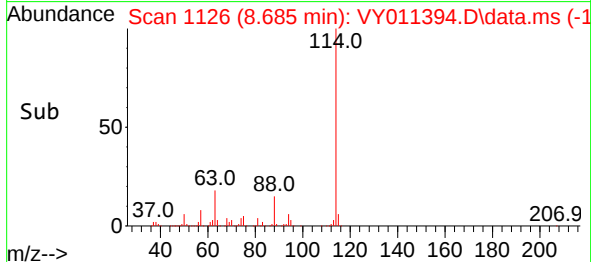
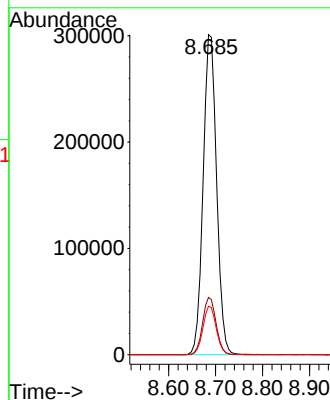
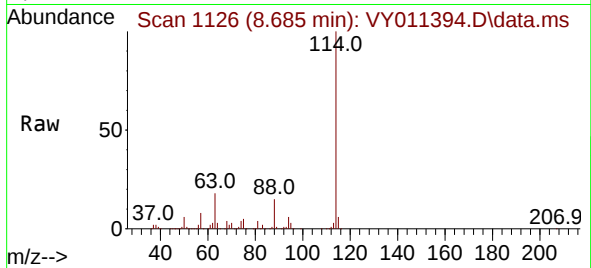




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

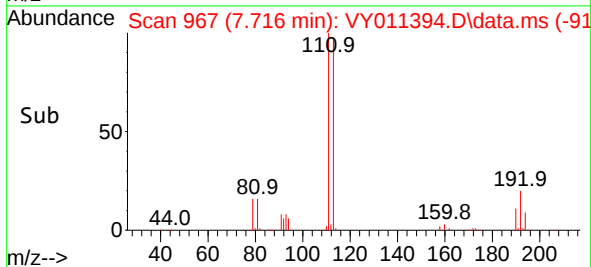
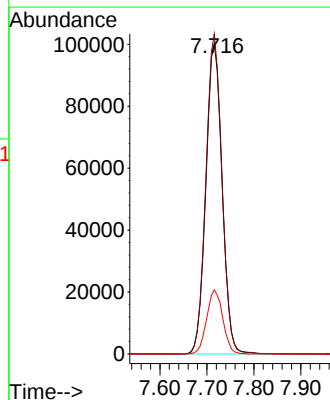
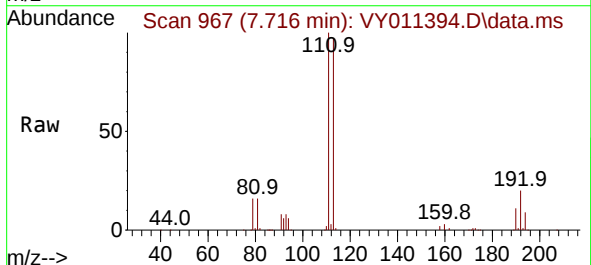
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ClientSampleId :
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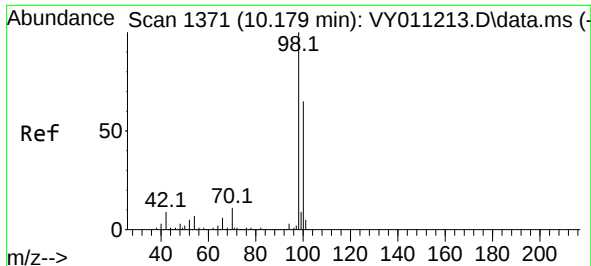
Tgt Ion:114 Resp: 597231
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 71.708 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion:113 Resp: 240009
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.4 17.6 26.4

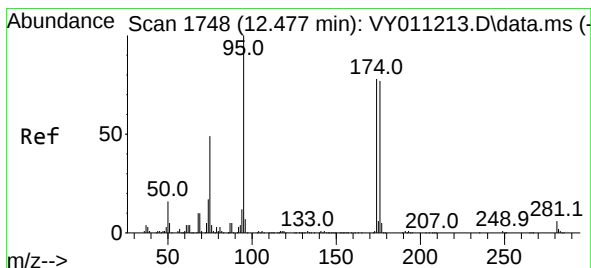
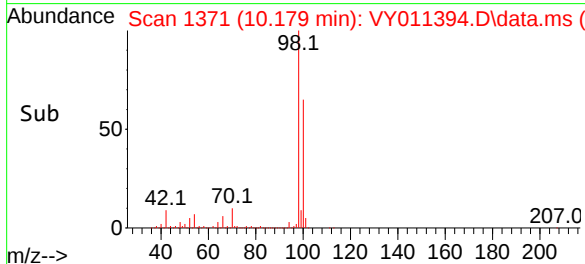
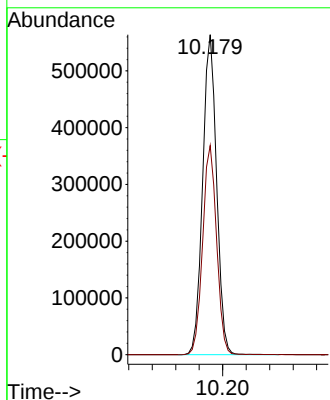
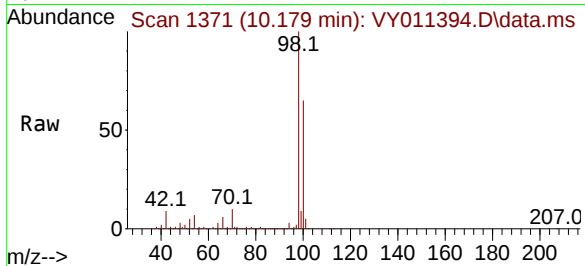




#50
Toluene-d8
Concen: 72.682 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

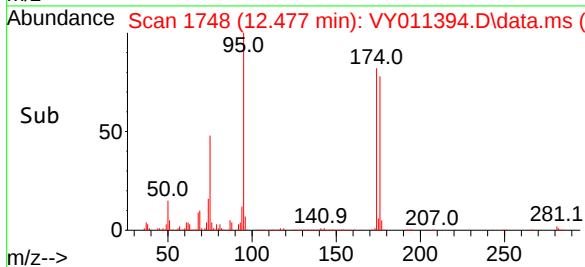
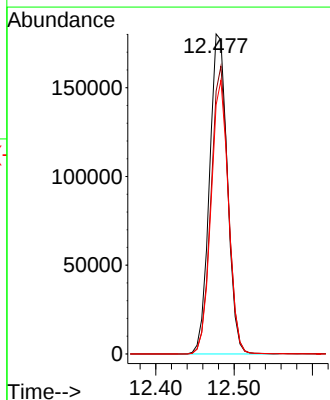
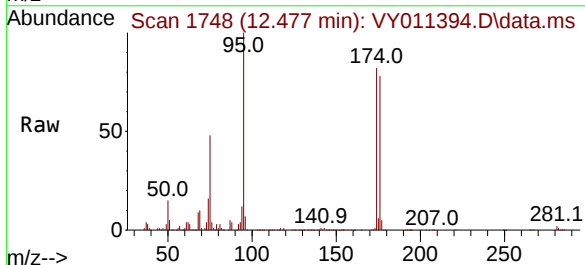
Instrument :
MSVOA_Y
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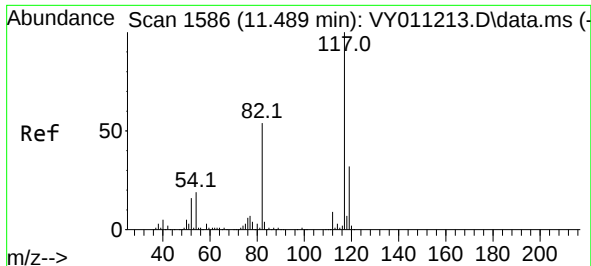
Tgt Ion: 98 Resp: 929357
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 64.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion: 95 Resp: 285567
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 83.4 0.0 175.8

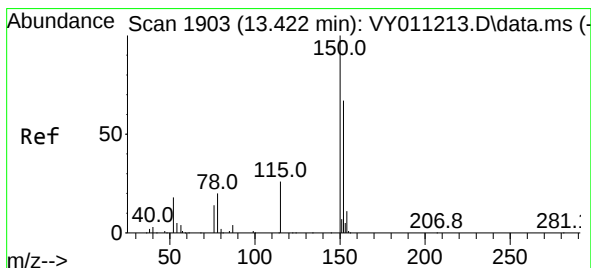
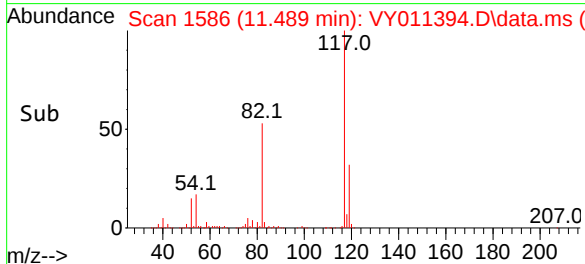
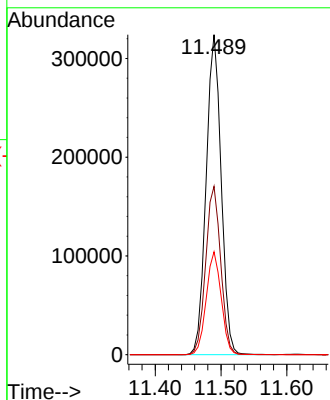
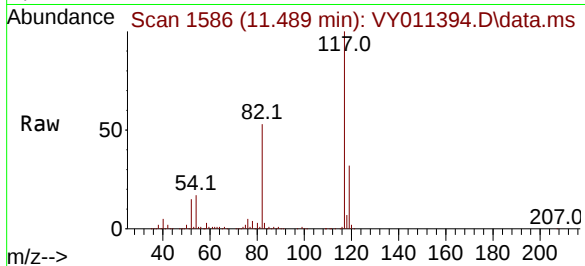




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-08

Tgt Ion:117 Resp: 515486
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.2 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: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion:152 Resp: 226898
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 157.1 0.0 347.6

