

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010932.D
 Acq On : 12 Oct 2022 11:31
 Operator : KP/MD
 Sample : VY1012SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1012SBL01

Quant Time: Oct 13 05:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	230815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127614	54.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.100%
35) Dibromofluoromethane	7.716	113	127299	48.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.940%
50) Toluene-d8	10.179	98	459030	51.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.477	95	146504	41.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.120%

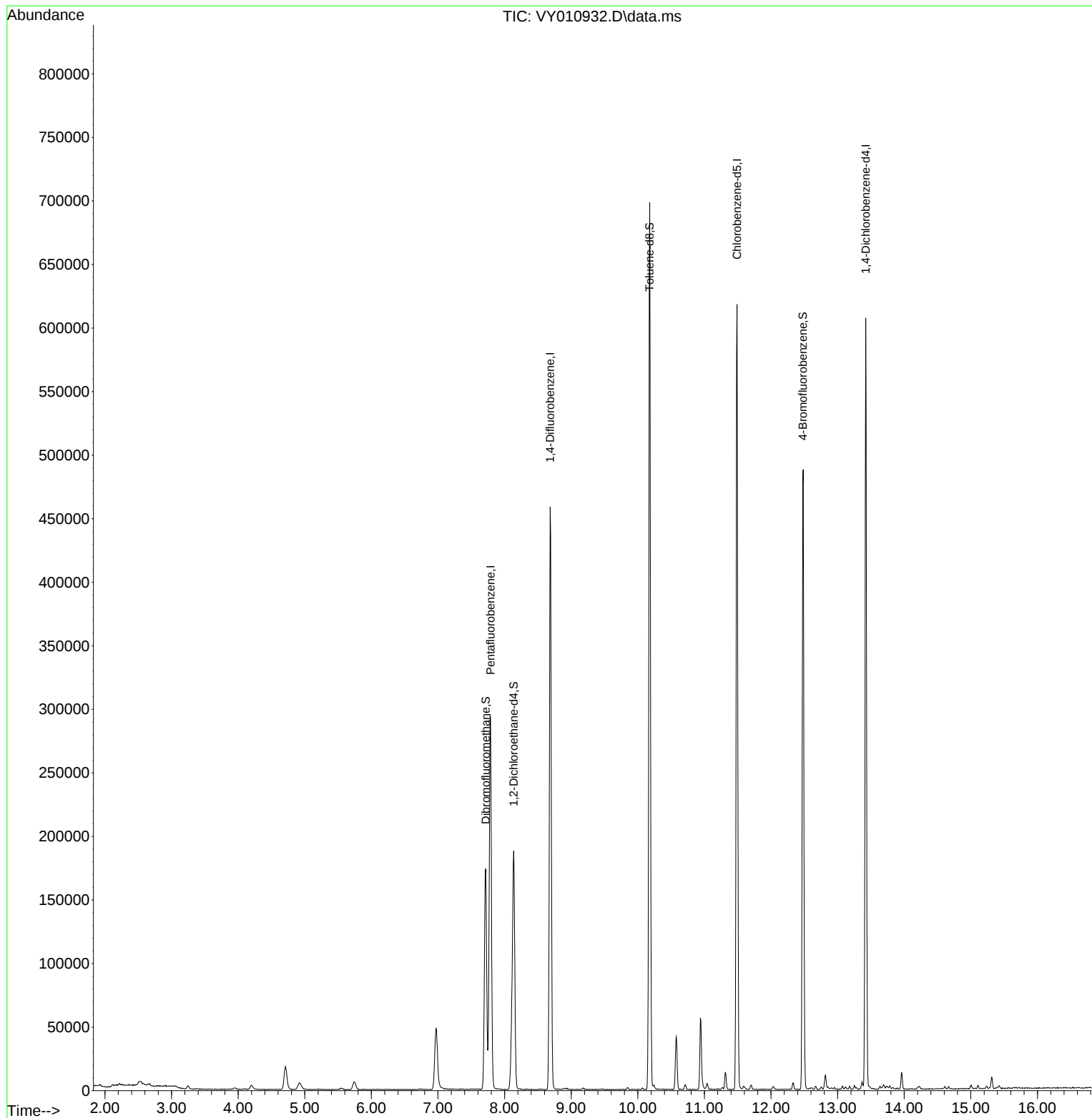
Target Compounds	Qvalue

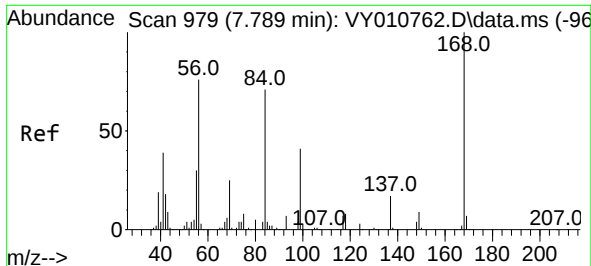
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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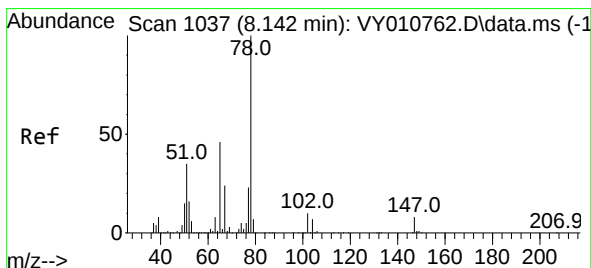
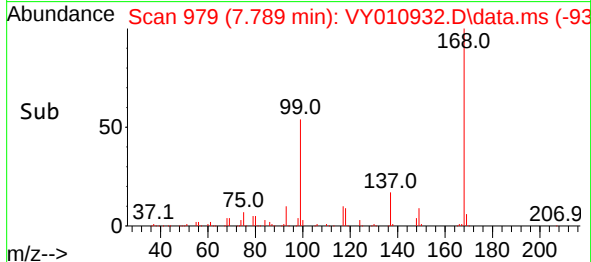
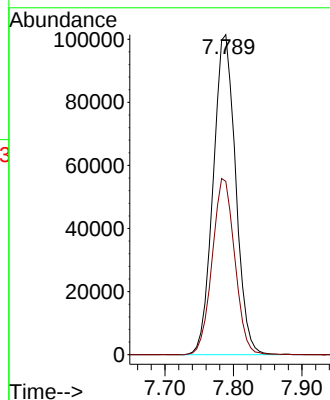
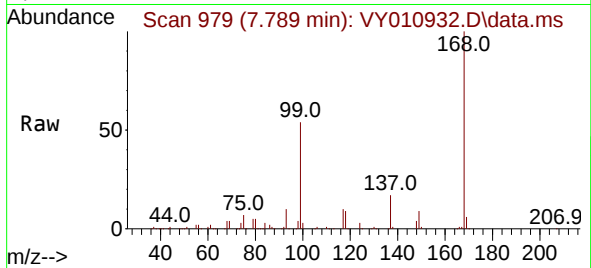




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

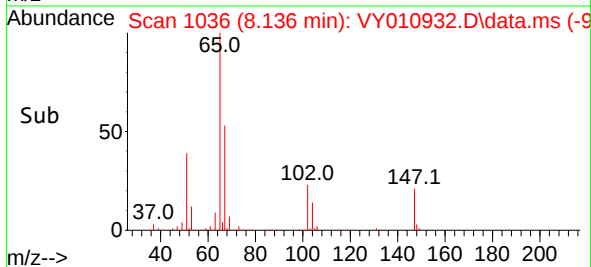
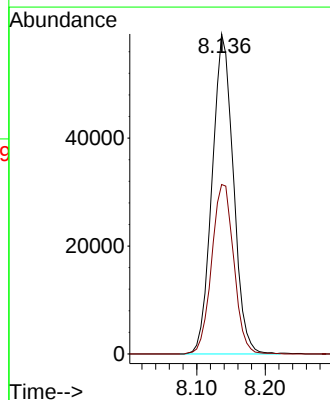
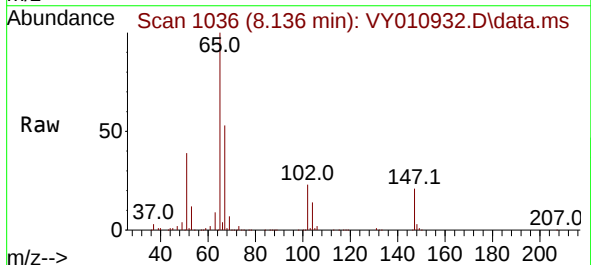
Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

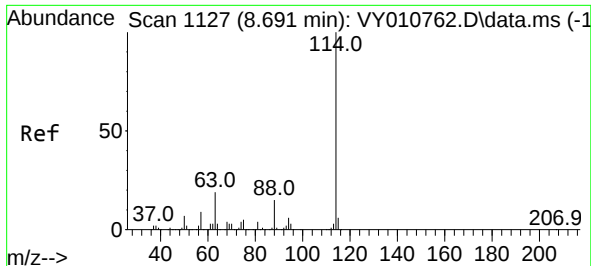
Tgt Ion:168 Resp: 230815
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.545 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion: 65 Resp: 127614
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4

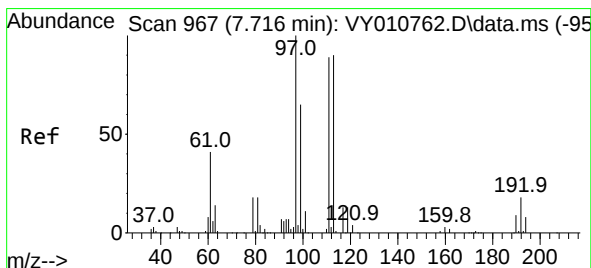
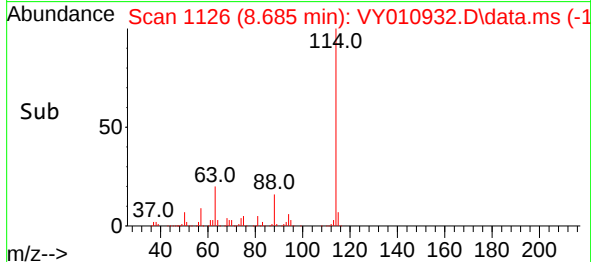
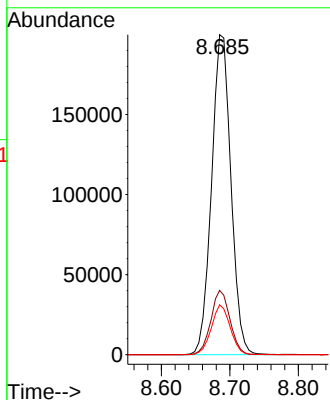
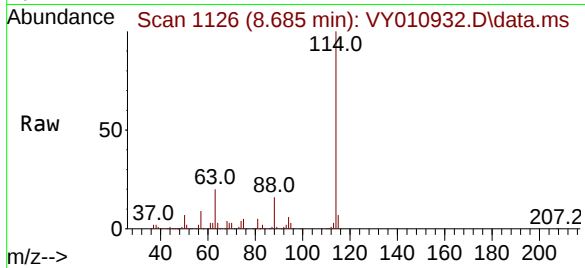




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

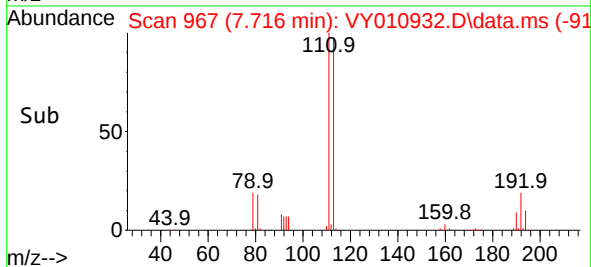
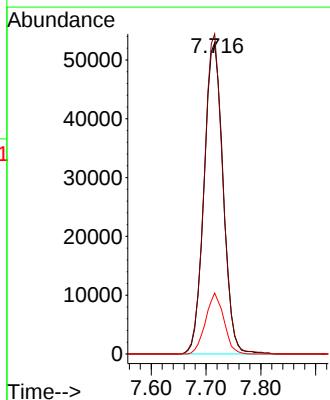
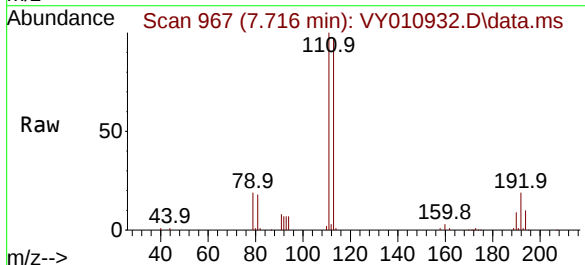
Instrument :
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ClientSampleId :
VY1012SBL01

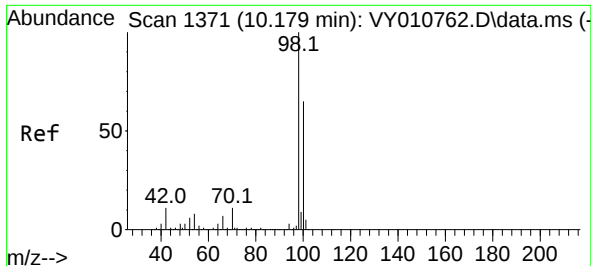
Tgt Ion:114 Resp: 391637
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.967 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion:113 Resp: 127299
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 18.8 17.6 26.4

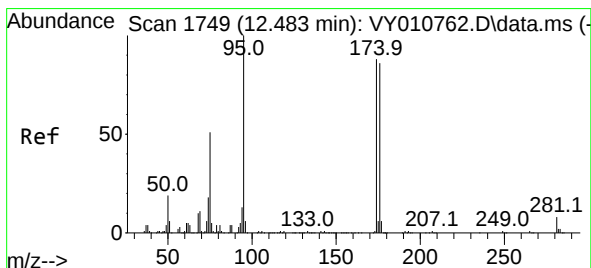
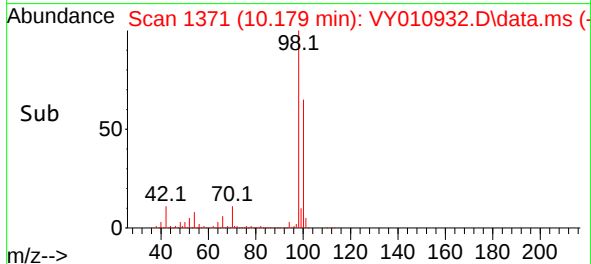
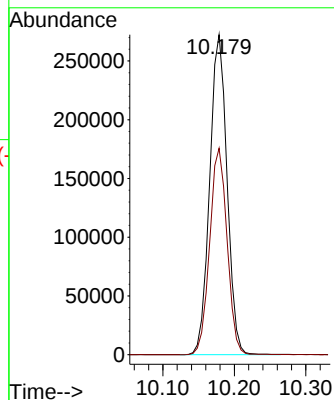
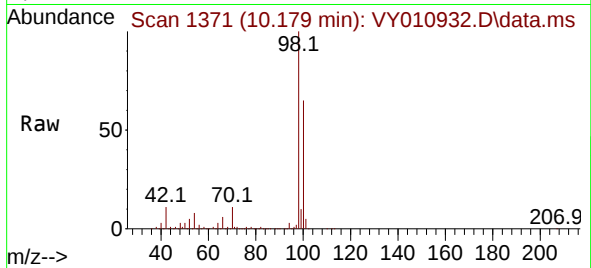




#50
Toluene-d8
Concen: 51.630 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

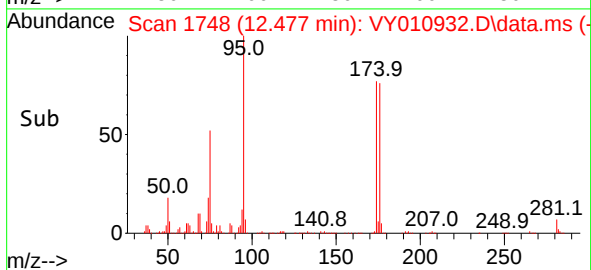
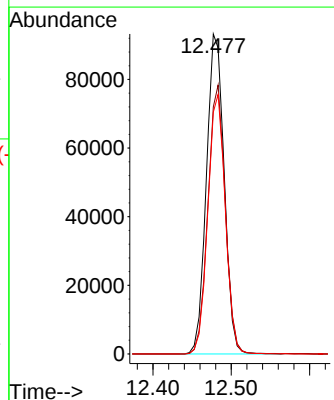
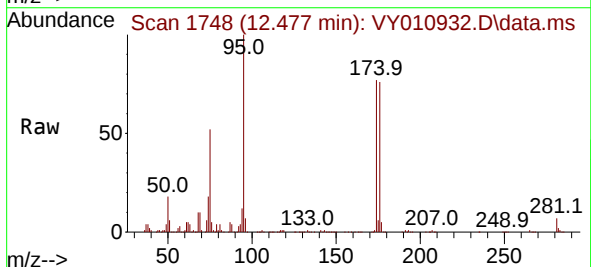
Instrument :
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ClientSampleId :
VY1012SBL01

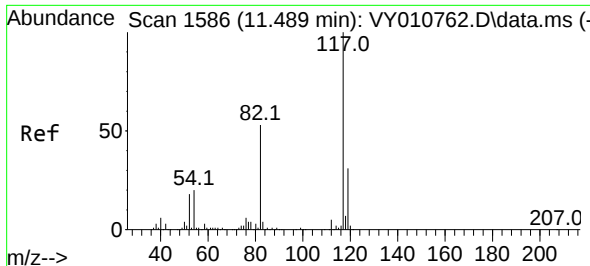
Tgt Ion: 98 Resp: 459030
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.557 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion: 95 Resp: 146504
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 79.6 0.0 175.8

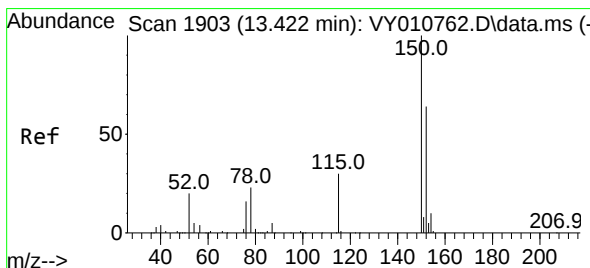
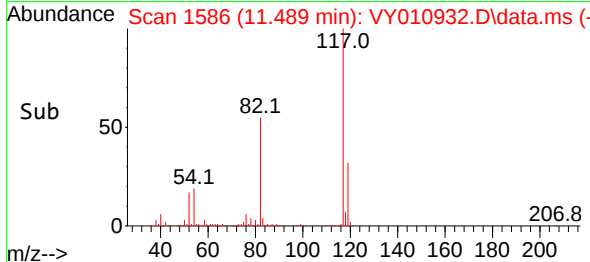
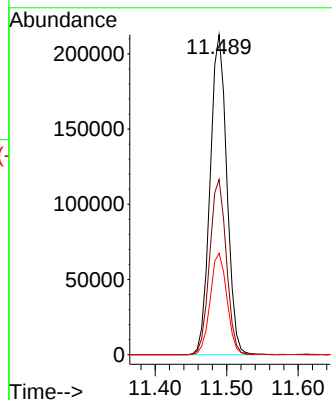
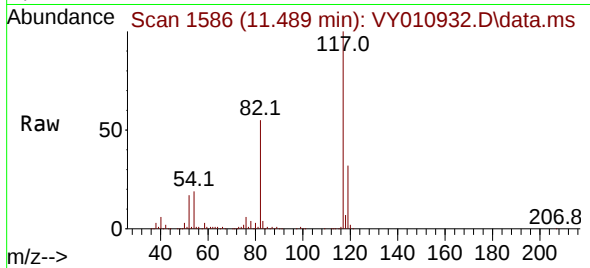




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

Tgt Ion:117 Resp: 345158
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.7 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: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion:152 Resp: 153345
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.0 0.0 347.6

