

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011021.D
 Acq On : 20 Oct 2022 13:42
 Operator : KP/MD
 Sample : N5193-01
 Misc : 3.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-01-00-20

Quant Time: Oct 20 22:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	334145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	571606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	471582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	198017	64.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.660%
35) Dibromofluoromethane	7.716	113	201582	63.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.720%
50) Toluene-d8	10.179	98	719161	60.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.520%
62) 4-Bromofluorobenzene	12.477	95	218499	51.792	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.580%

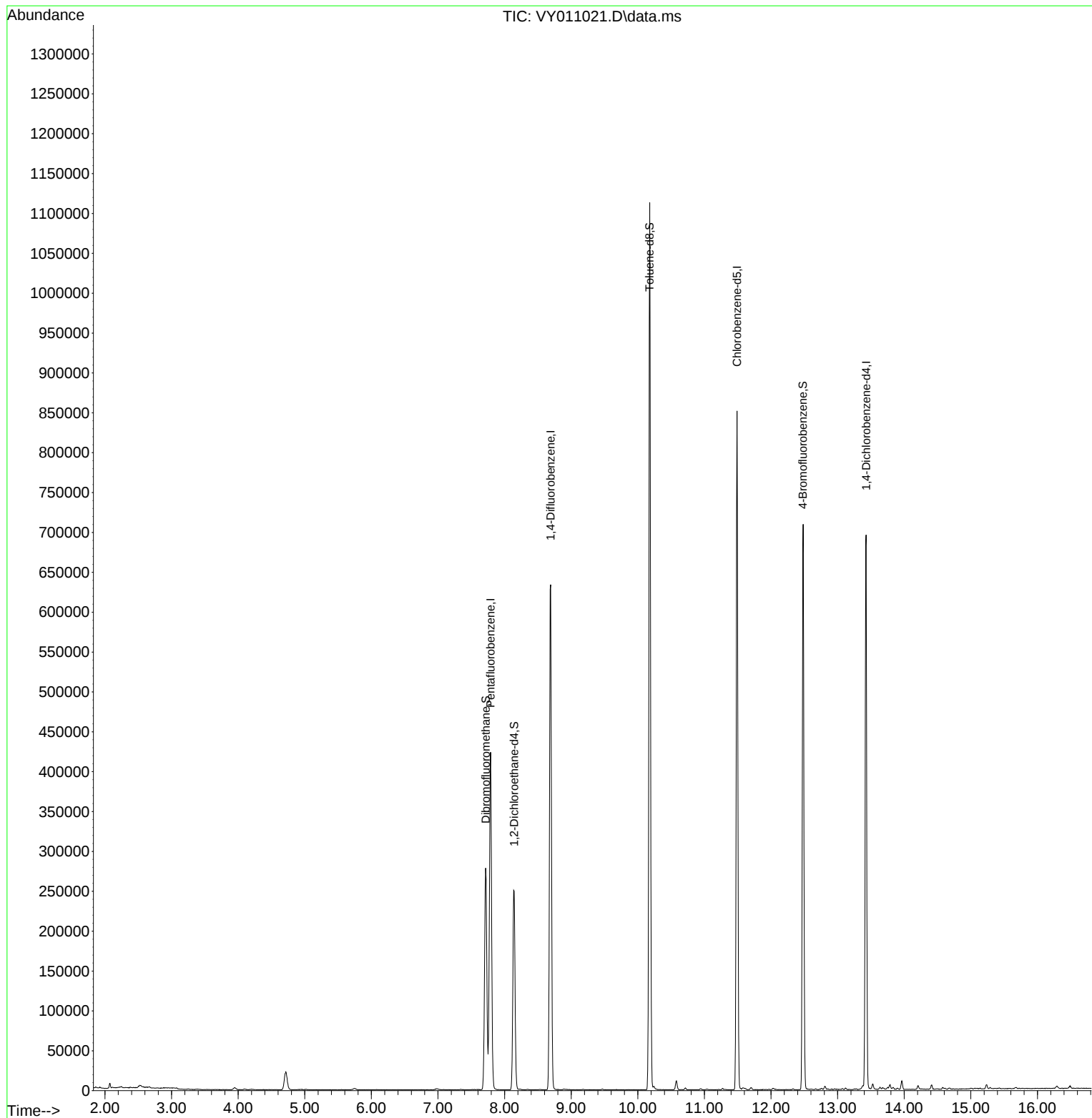
Target Compounds	Qvalue

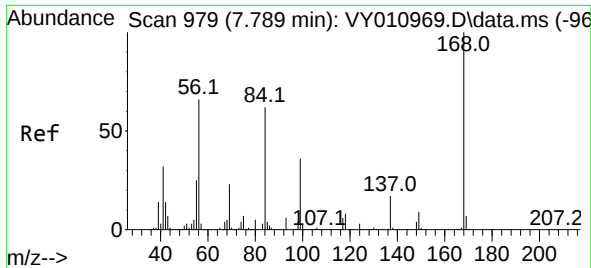
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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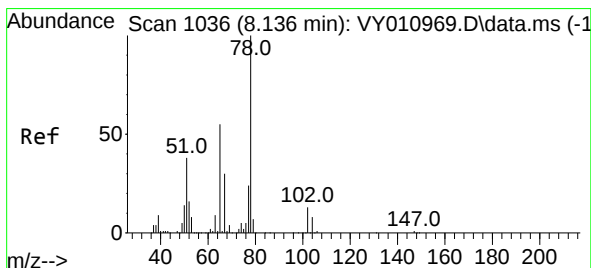
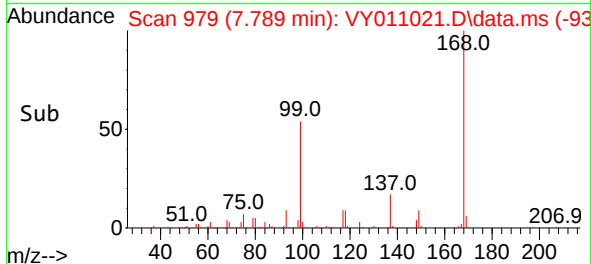
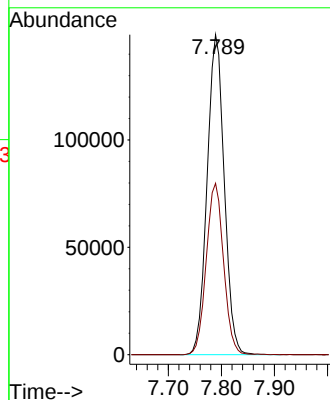
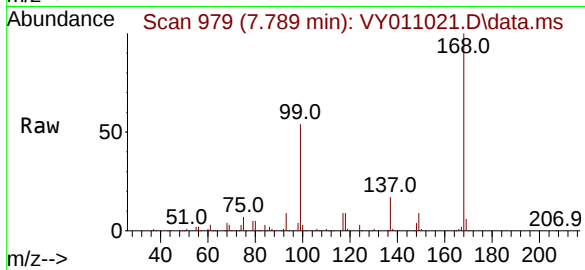




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

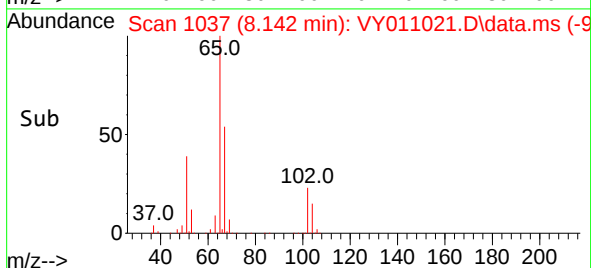
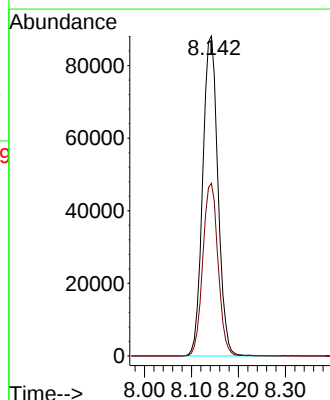
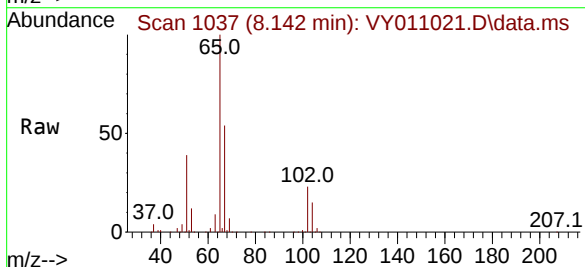
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

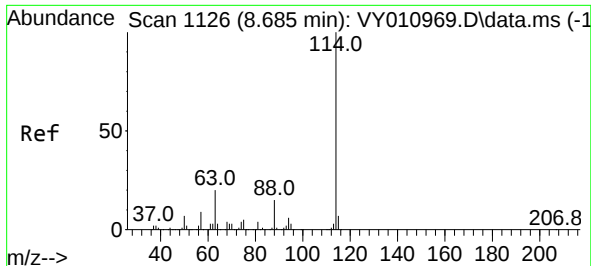
Tgt Ion:168 Resp: 334145
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.334 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion: 65 Resp: 198017
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

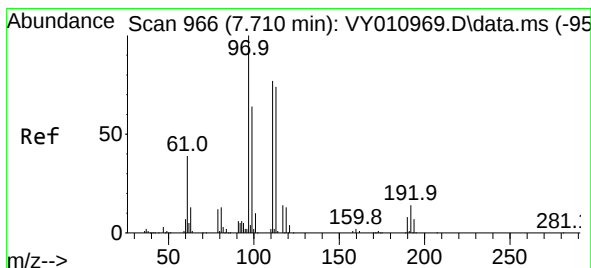
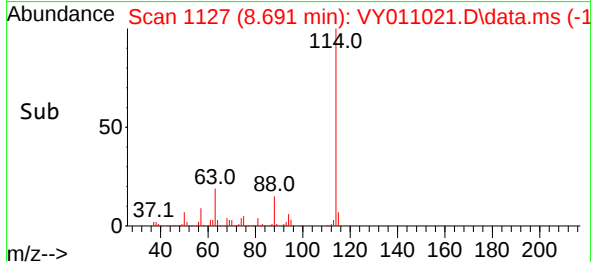
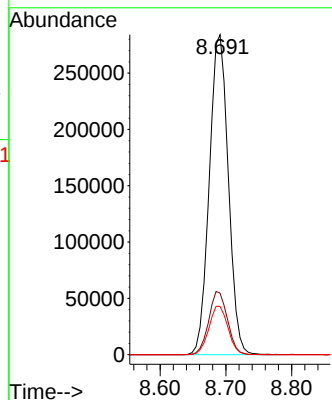
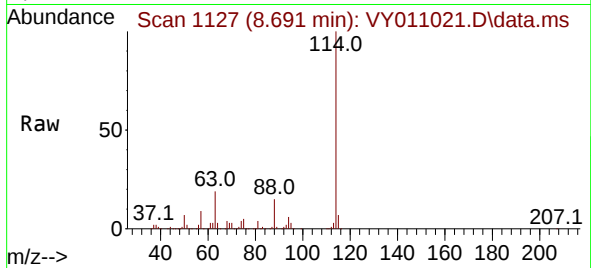




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

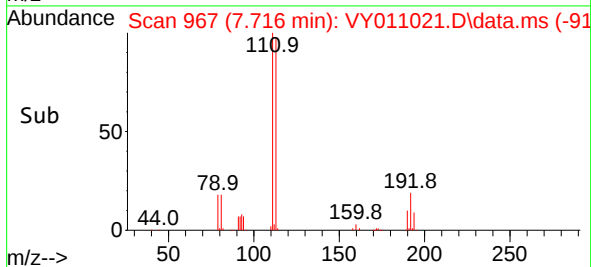
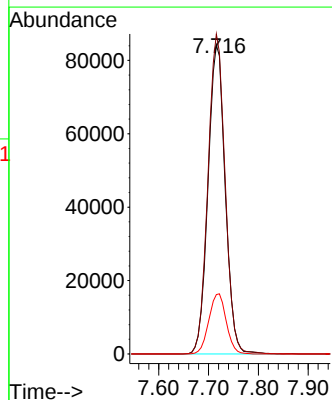
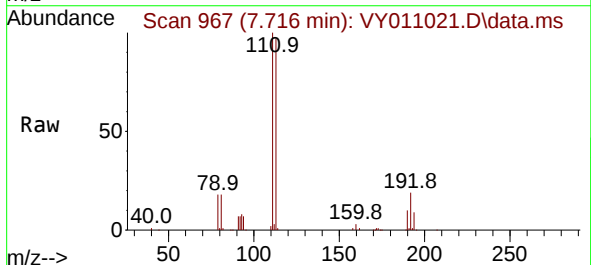
Instrument :
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ClientSampleId :
LSP-SS-01-00-20

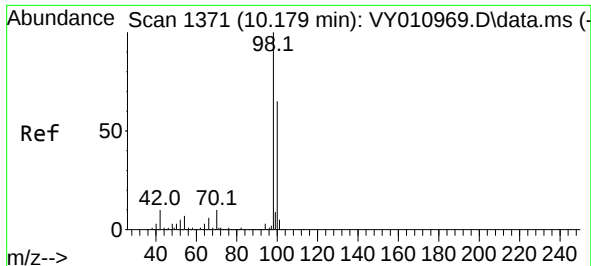
Tgt Ion:114 Resp: 571606
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.863 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion:113 Resp: 201582
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.7 17.6 26.4

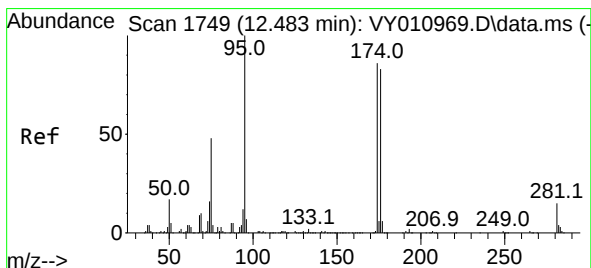
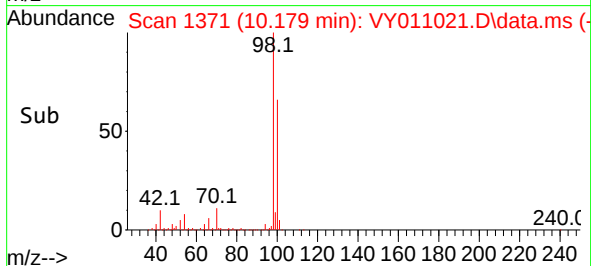
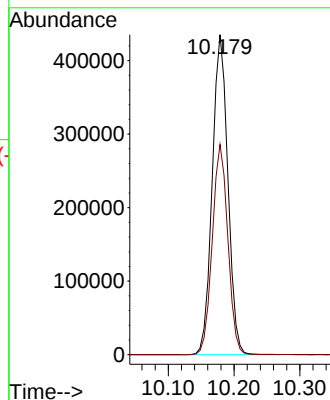
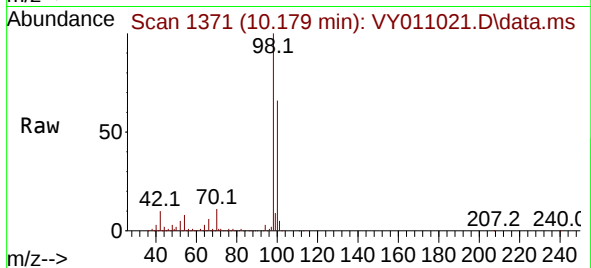




#50
Toluene-d8
Concen: 60.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

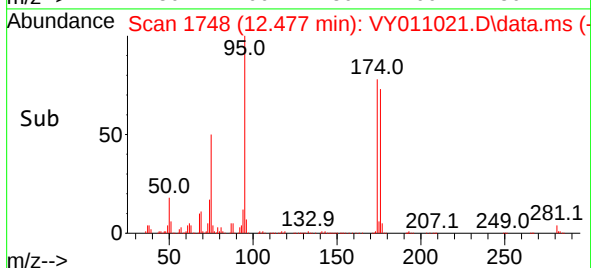
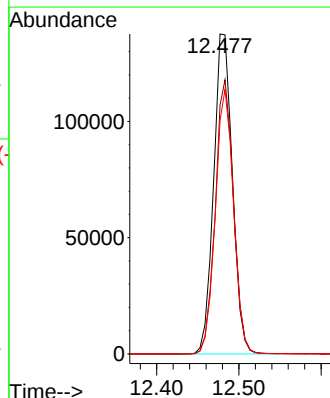
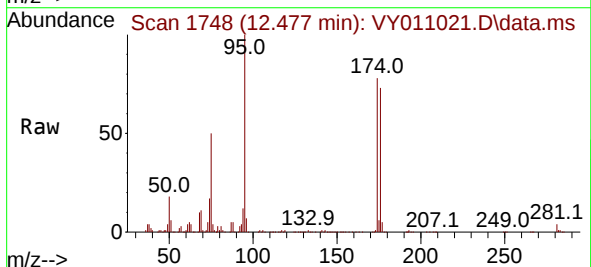
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

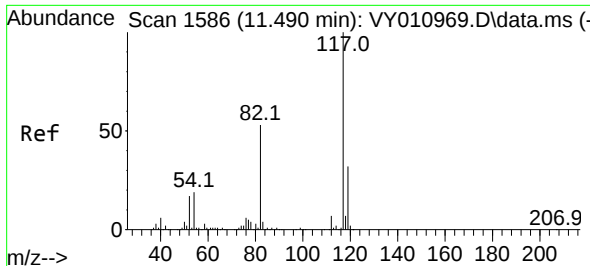
Tgt Ion: 98 Resp: 719161
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.792 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion: 95 Resp: 218499
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.2 0.0 175.8

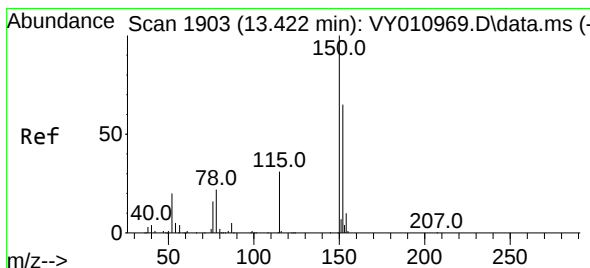
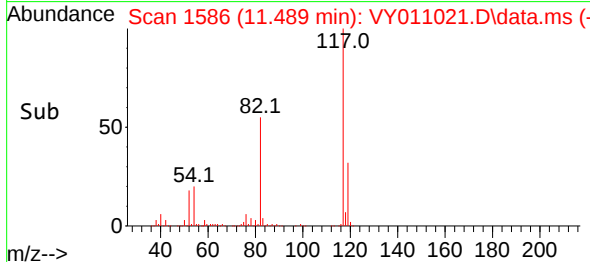
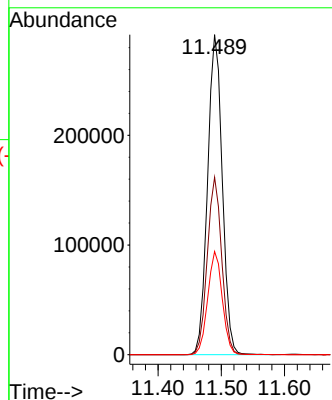
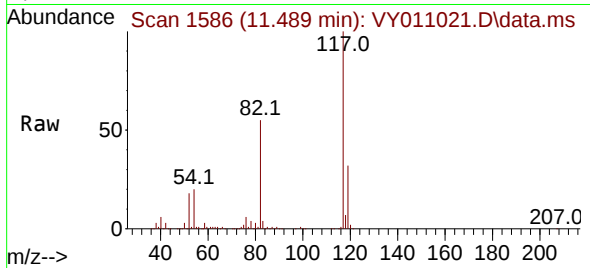




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

Tgt Ion:117 Resp: 471582
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion:152 Resp: 185355
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 157.3 0.0 347.6

