

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012114.D
 Acq On : 09 Jan 2023 16:34
 Operator : KP/MD
 Sample : 01064-06
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-14-01

Quant Time: Jan 10 01:48:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	161188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104876	57.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.716	113	85710	46.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.960%
50) Toluene-d8	10.179	98	333234	46.275	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.483	95	108578	43.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.280%

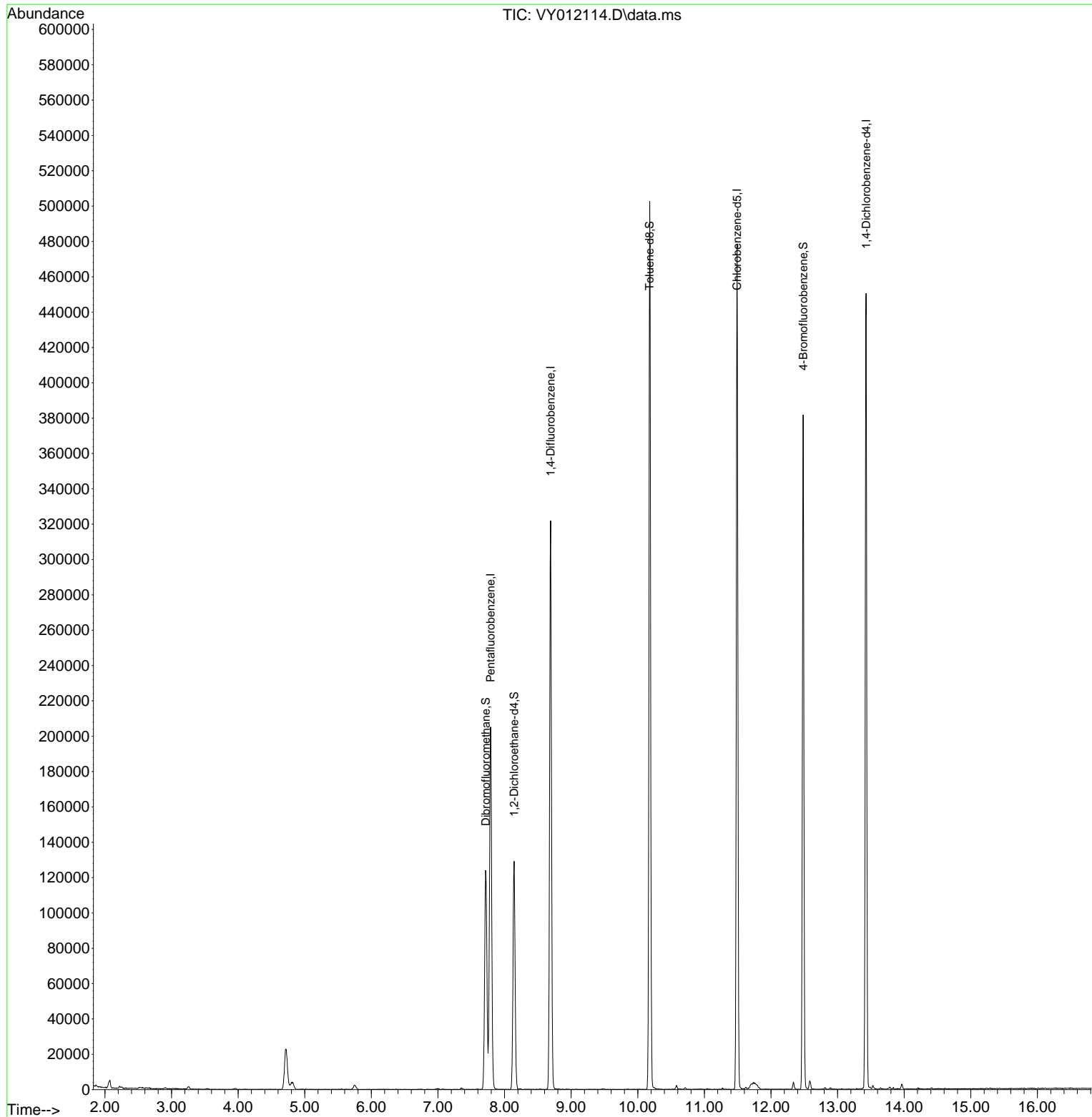
Target Compounds Qvalue

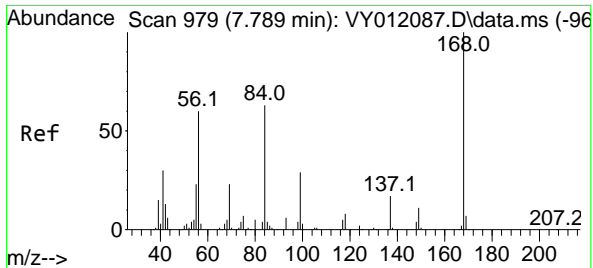
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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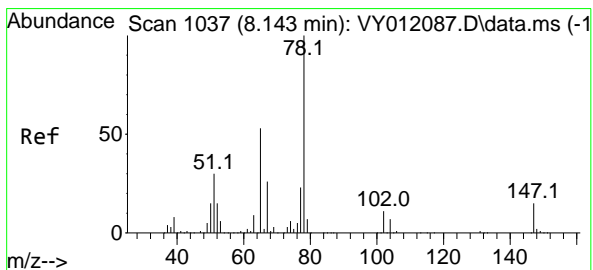
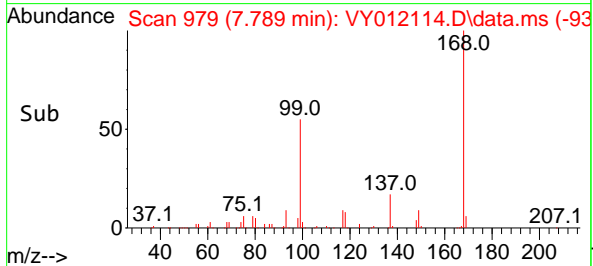
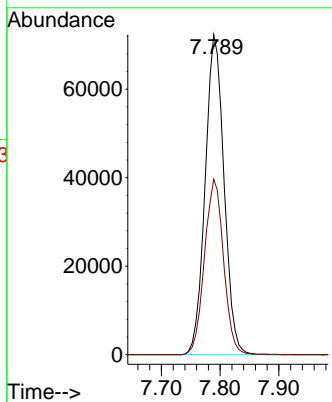
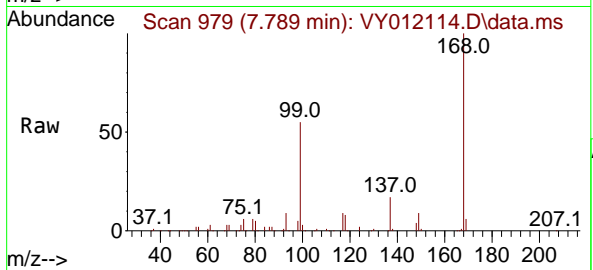




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY012114.D
 Acq: 09 Jan 2023 16:34

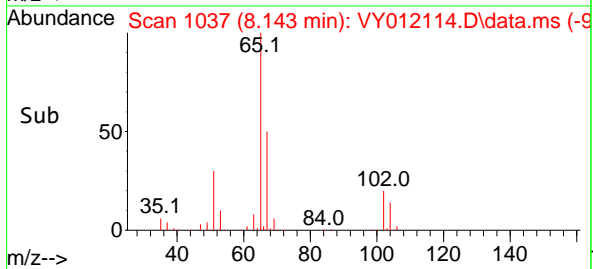
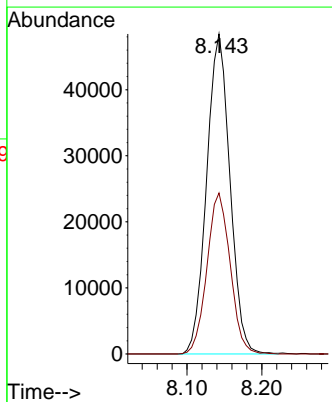
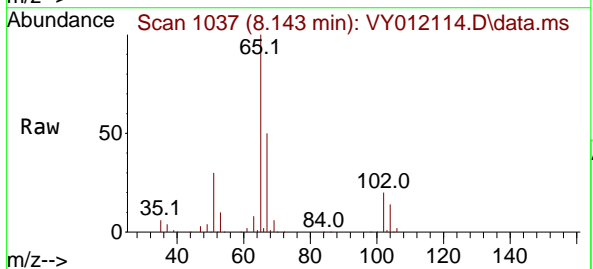
Instrument : MSVOA_Y
 ClientSampleId : S-14-01

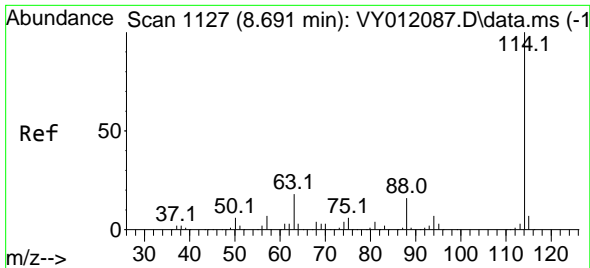
Tgt Ion:168 Resp: 161188
 Ion Ratio Lower Upper
 168 100
 99 54.8 44.0 66.0



#33
 1,2-Dichloroethane-d4
 Concen: 57.904 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012114.D
 Acq: 09 Jan 2023 16:34

Tgt Ion: 65 Resp: 104876
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.2



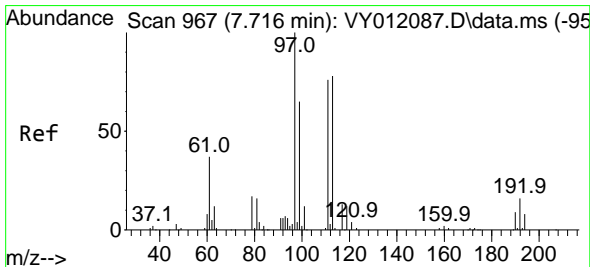
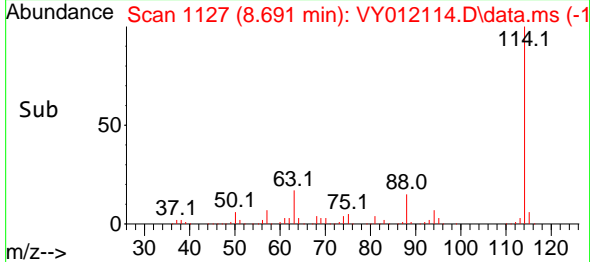
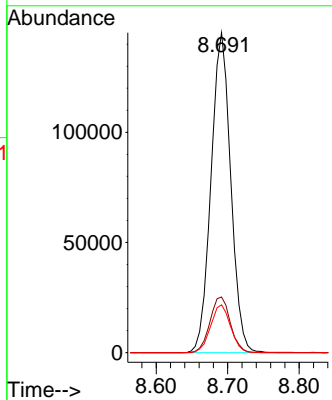
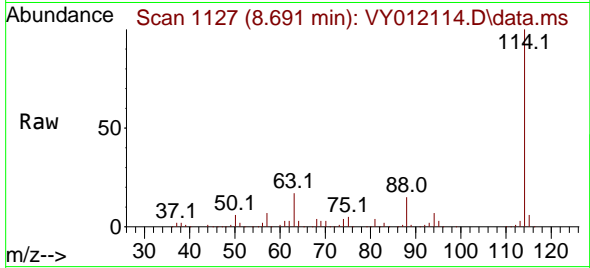


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012114.D
 Acq: 09 Jan 2023 16:34

Instrument : MSVOA_Y
 ClientSampleId : S-14-01

Tgt Ion:114 Resp: 277577

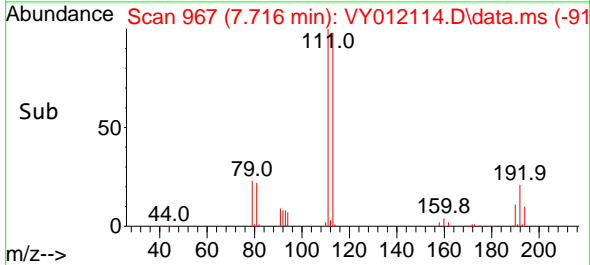
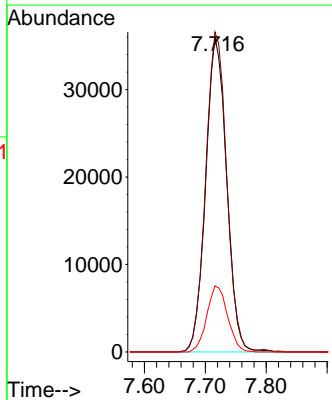
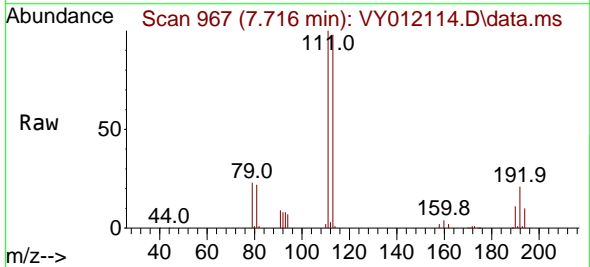
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	39.6
88	14.9	0.0	32.2

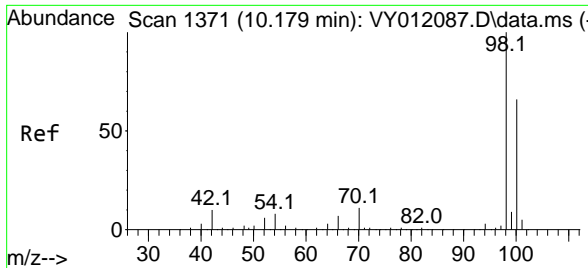


#35
 Dibromofluoromethane
 Concen: 46.978 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY012114.D
 Acq: 09 Jan 2023 16:34

Tgt Ion:113 Resp: 85710

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	20.8	16.0	24.0

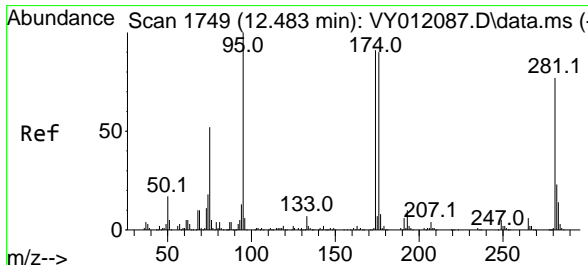
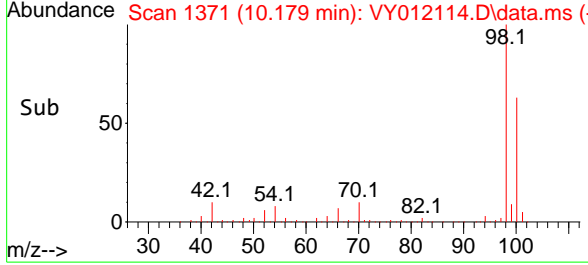
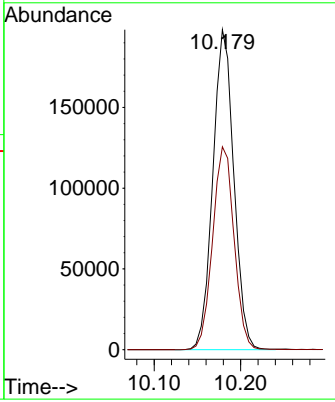
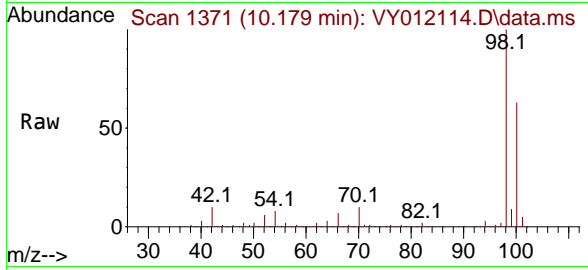




#50
 Toluene-d8
 Concen: 46.275 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012114.D
 Acq: 09 Jan 2023 16:34

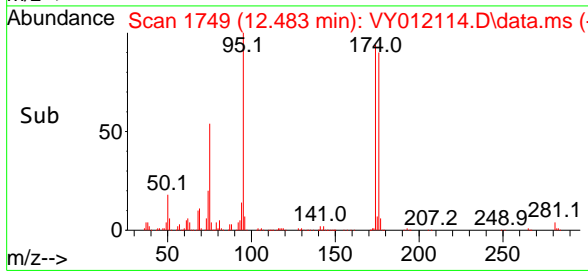
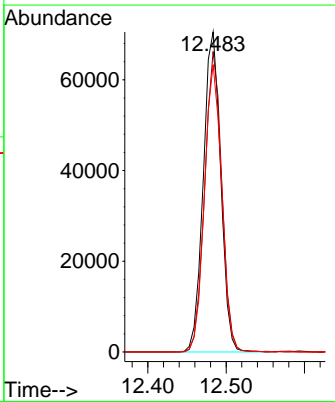
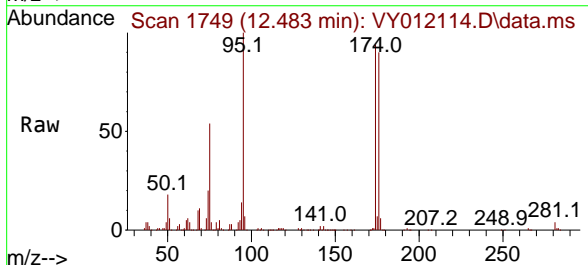
Instrument : MSVOA_Y
 ClientSampleId : S-14-01

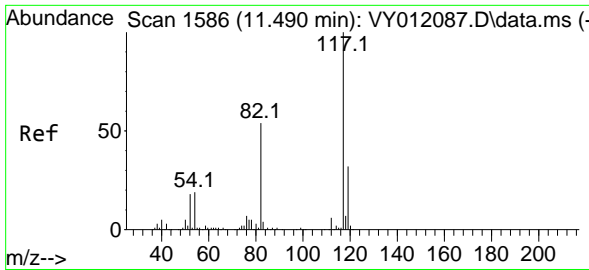
Tgt Ion: 98 Resp: 333234
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.9 77.9



#62
 4-Bromofluorobenzene
 Concen: 43.135 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY012114.D
 Acq: 09 Jan 2023 16:34

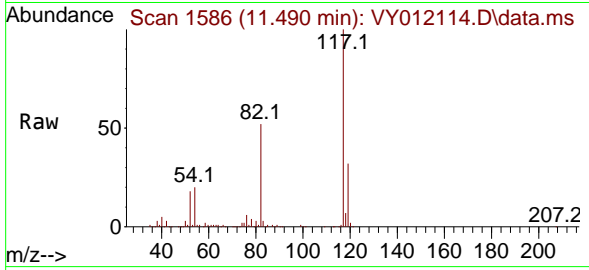
Tgt Ion: 95 Resp: 108578
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 172.0
 176 89.4 0.0 167.6





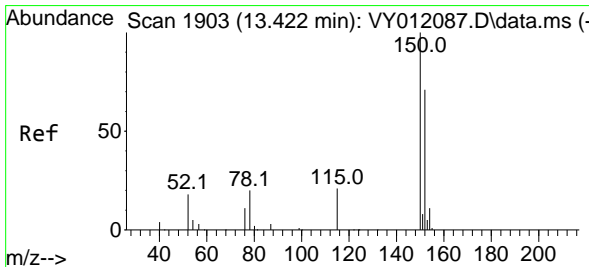
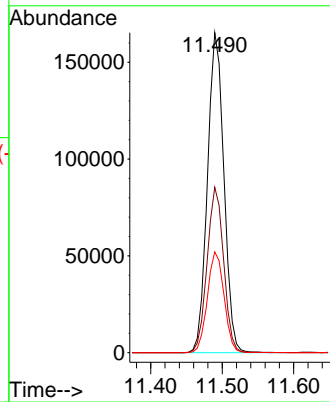
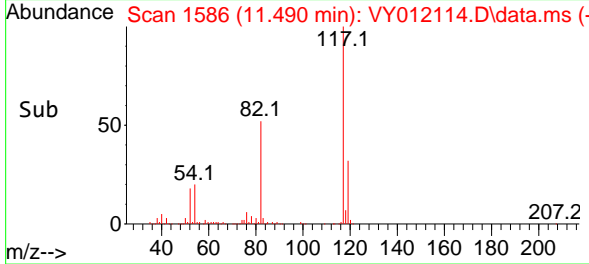
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY012114.D
 Acq: 09 Jan 2023 16:34

Instrument : MSVOA_Y
 ClientSampleId : S-14-01

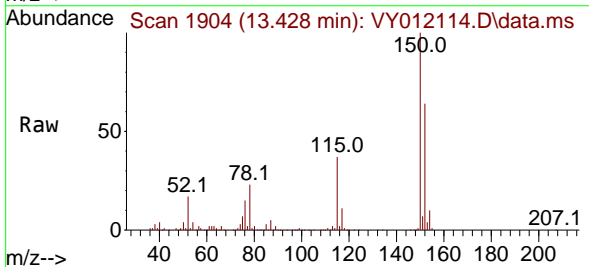


Tgt Ion:117 Resp: 264029

Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.8	67.2
119	31.5	25.4	38.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012114.D
 Acq: 09 Jan 2023 16:34



Tgt Ion:152 Resp: 120656

Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.1	87.3
150	157.7	0.0	342.6

