

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010877.D
 Acq On : 07 Oct 2022 17:13
 Operator : KP/MD
 Sample : N5046-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-7

Quant Time: Oct 08 04:48:03 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	144235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93595	64.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.040%
35) Dibromofluoromethane	7.716	113	87204	51.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.940%
50) Toluene-d8	10.179	98	308036	53.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.340%
62) 4-Bromofluorobenzene	12.477	95	90349	39.526	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.060%

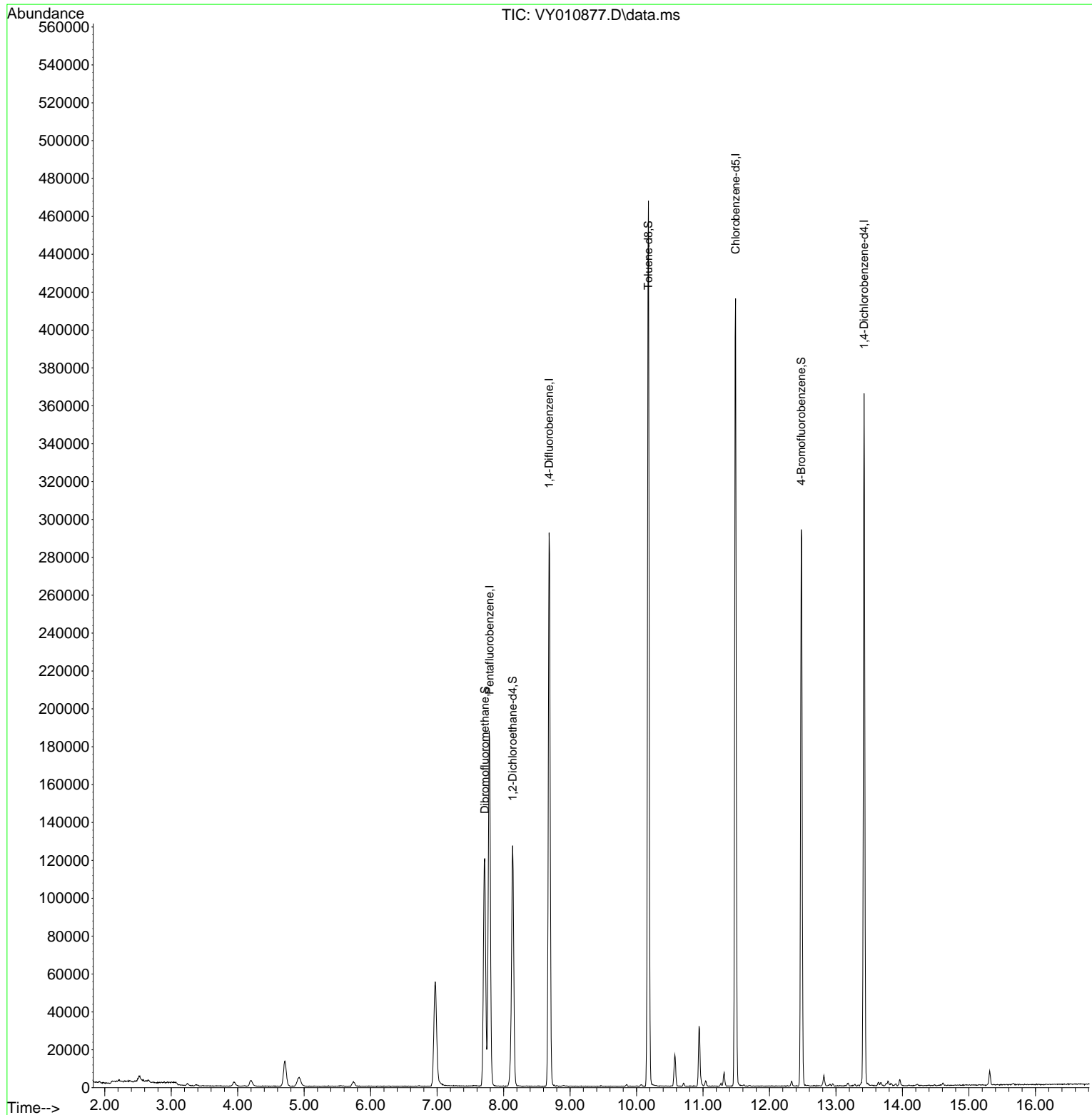
Target Compounds Qvalue

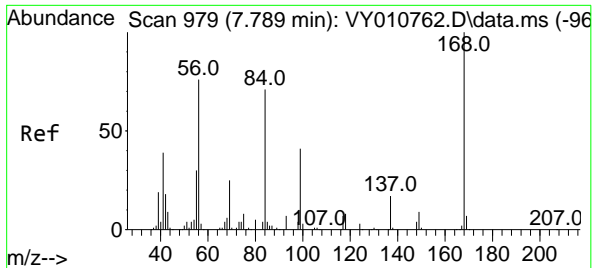
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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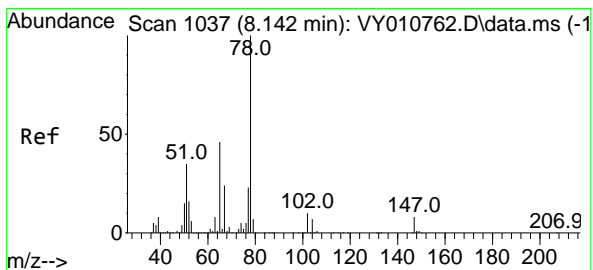
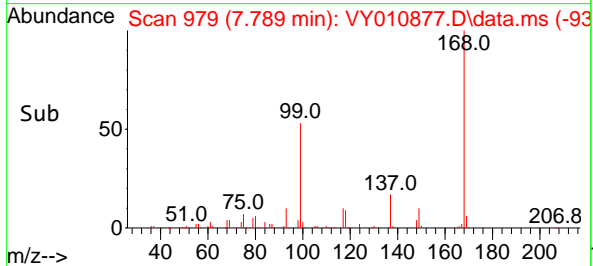
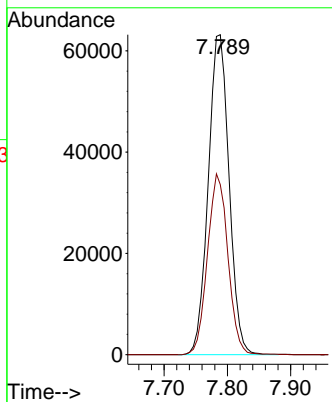
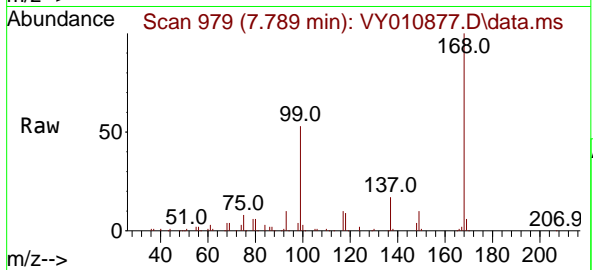




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

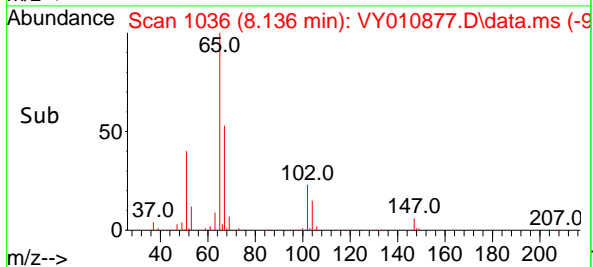
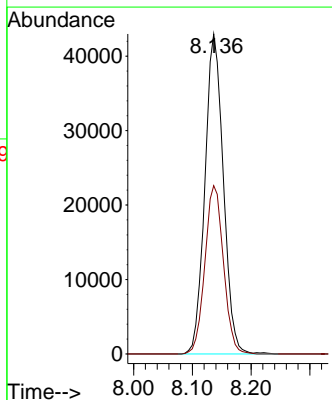
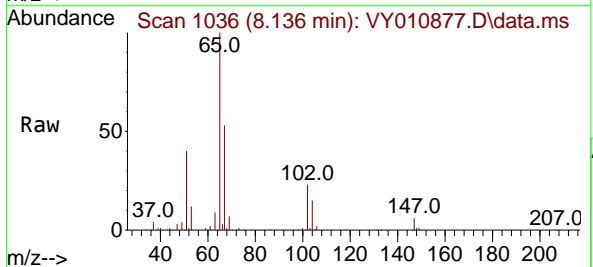
Instrument :
 MSVOA_Y
 ClientSampleId :
 R-7

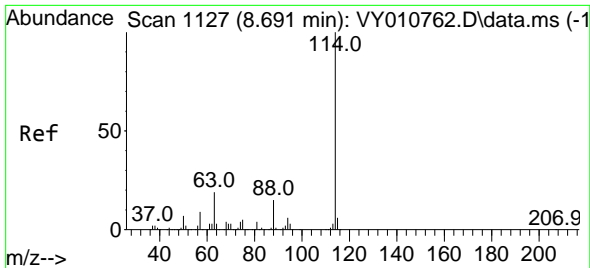
Tgt Ion:168 Resp: 144235
 Ion Ratio Lower Upper
 168 100
 99 53.1 46.9 70.3



#33
 1,2-Dichloroethane-d4
 Concen: 64.018 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

Tgt Ion: 65 Resp: 93595
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 99.4



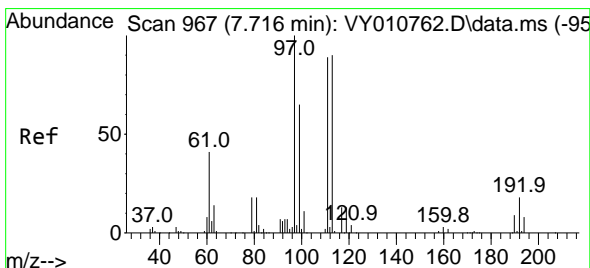
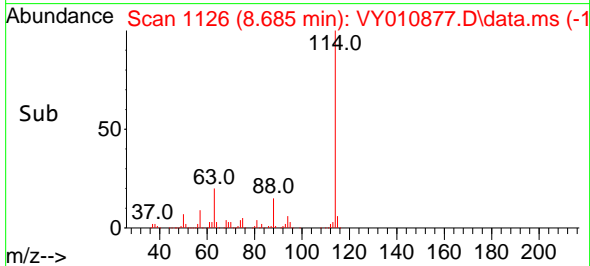
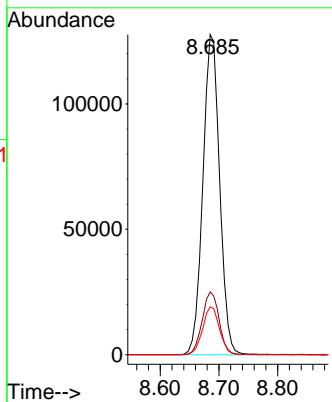
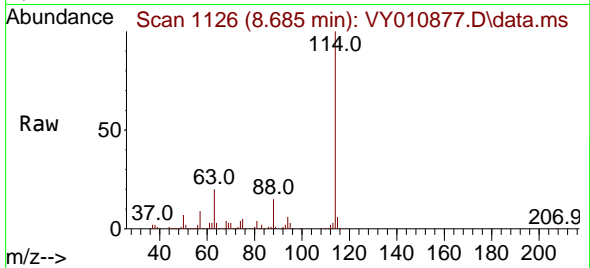


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

Instrument : MSVOA_Y
 ClientSampleId : R-7

Tgt Ion:114 Resp: 252800

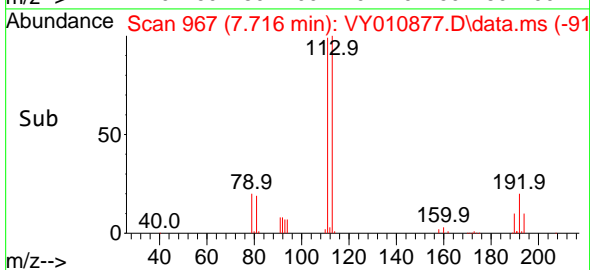
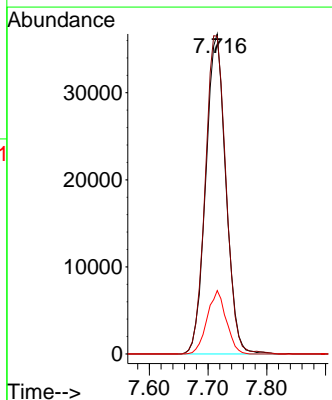
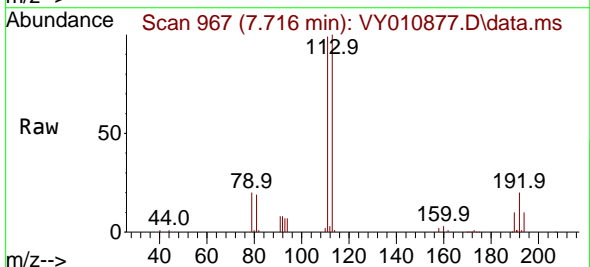
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	43.2
88	15.0	0.0	31.8

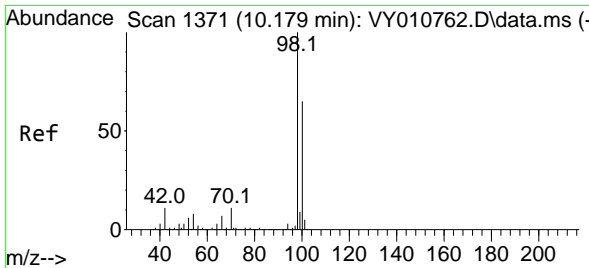


#35
 Dibromofluoromethane
 Concen: 51.966 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

Tgt Ion:113 Resp: 87204

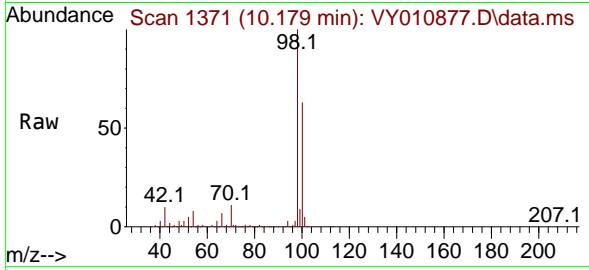
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	18.8	17.6	26.4



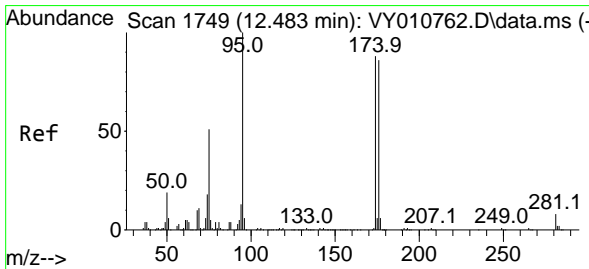
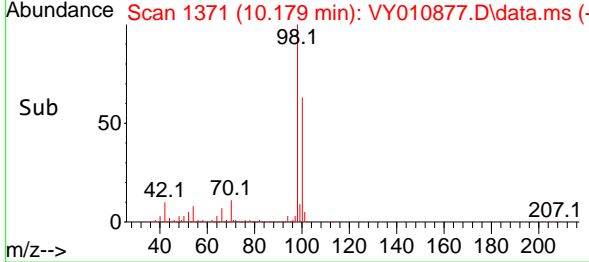
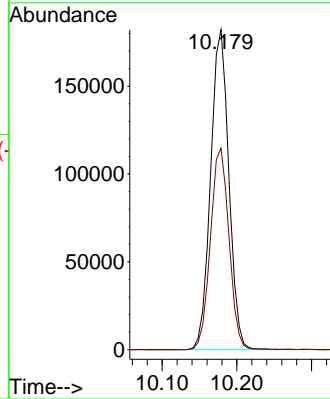


#50
 Toluene-d8
 Concen: 53.675 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-7

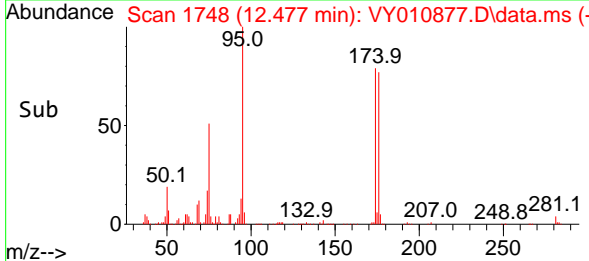
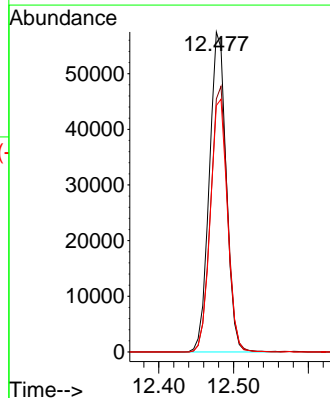
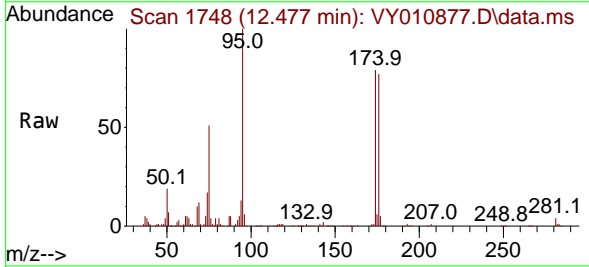


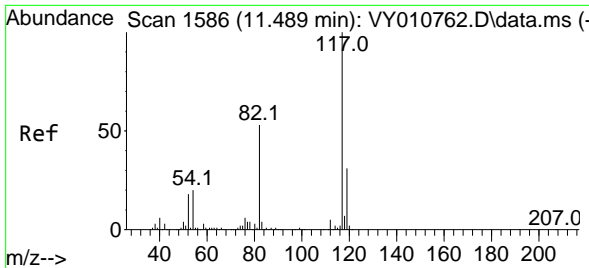
Tgt Ion: 98 Resp: 308036
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.2 75.2



#62
 4-Bromofluorobenzene
 Concen: 39.526 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.006 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

Tgt Ion: 95 Resp: 90349
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 177.0
 176 80.0 0.0 175.8



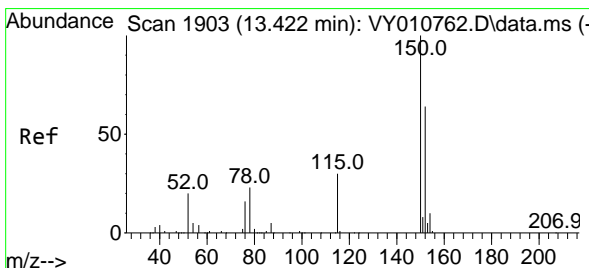
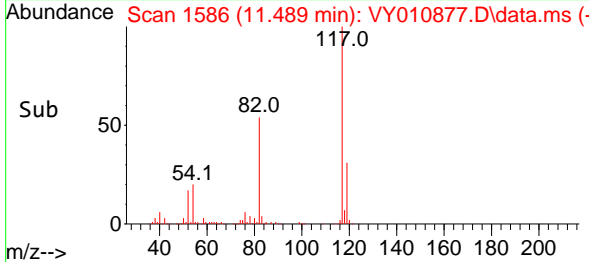
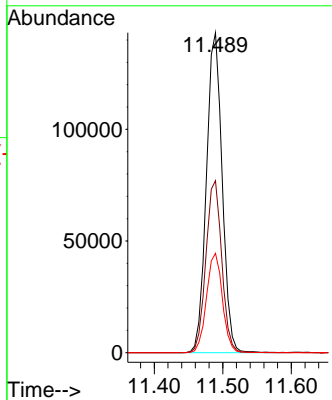
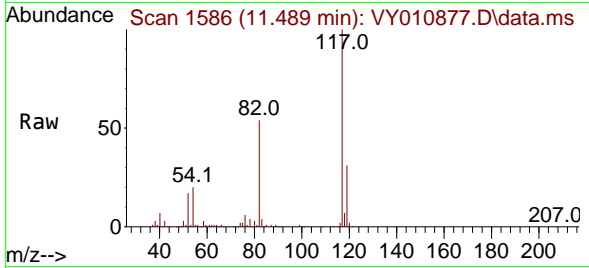


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-7

Tgt Ion:117 Resp: 229343

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	31.1	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: VY010877.D
 Acq: 07 Oct 2022 17:13

Tgt Ion:152 Resp: 92513

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	158.5	0.0	347.6

