

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003909.D
 Acq On : 12 Jan 2021 18:26
 Operator : SY/MD
 Sample : M1075-01
 Misc : 5.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

Quant Time: Jan 13 02:35:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

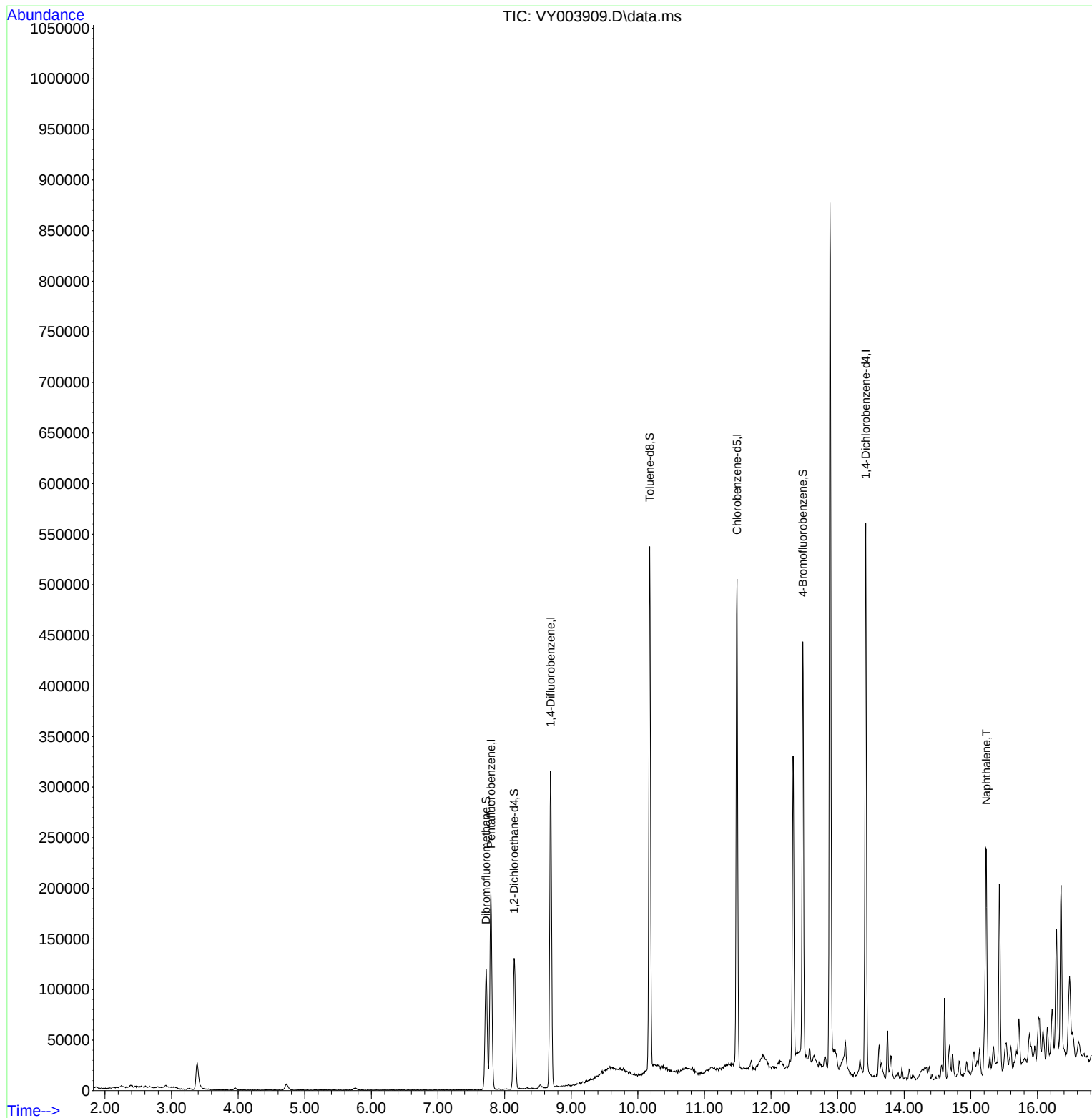
Internal Standards						
1) Pentafluorobenzene	7.795	168	150302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	101133	43.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.64%
35) Dibromofluoromethane	7.722	113	81152	39.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.40%
50) Toluene-d8	10.179	98	326609	38.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.86%
62) 4-Bromofluorobenzene	12.477	95	120678	39.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.78%
Target Compounds						
95) Naphthalene	15.233	128	174878	26.00	ug/l	Qvalue 98

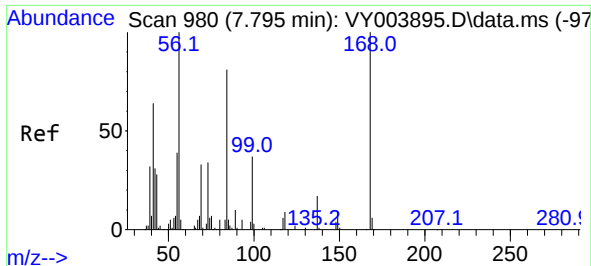
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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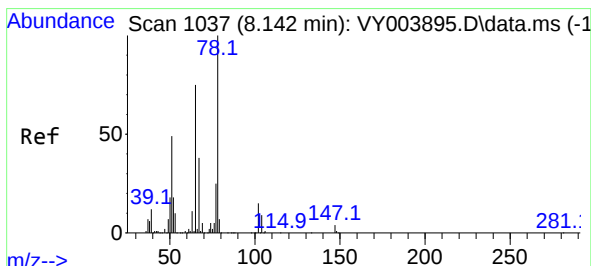
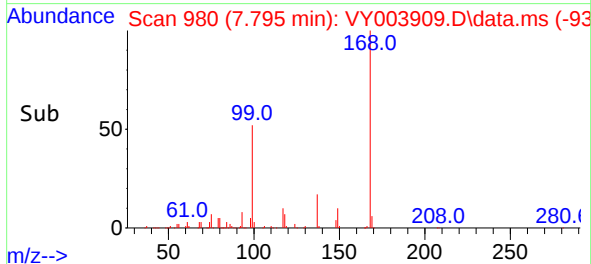
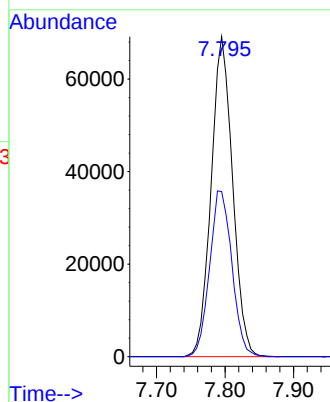
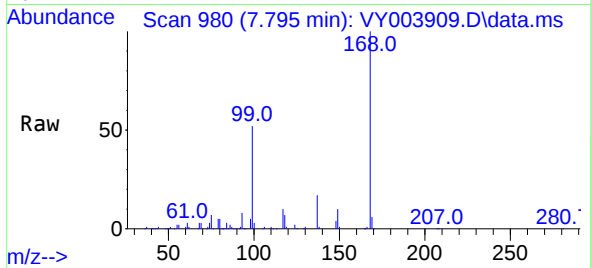




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

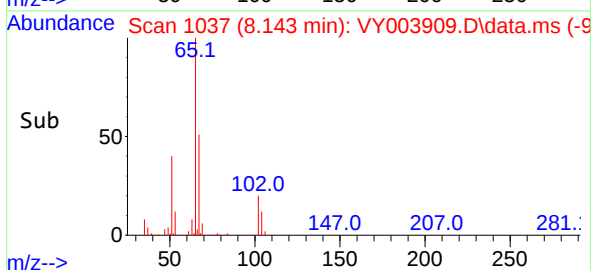
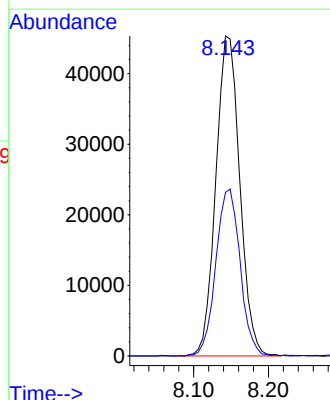
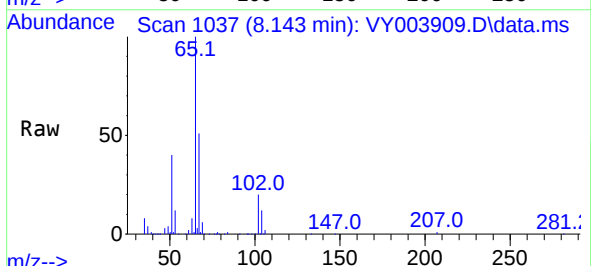
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

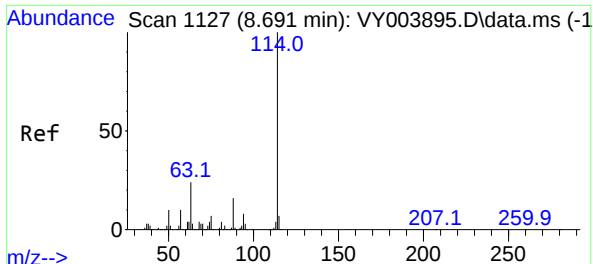
Tgt Ion:168 Resp: 150302
Ion Ratio Lower Upper
168 100
99 51.6 40.4 60.6



#33
1,2-Dichloroethane-d4
Concen: 43.32 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion: 65 Resp: 101133
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.2



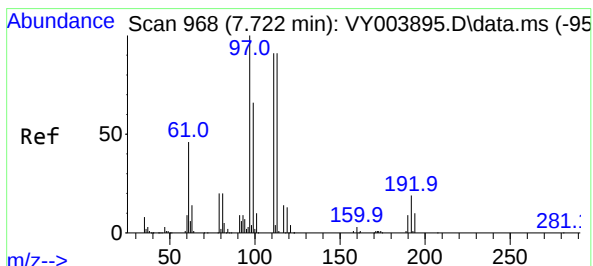
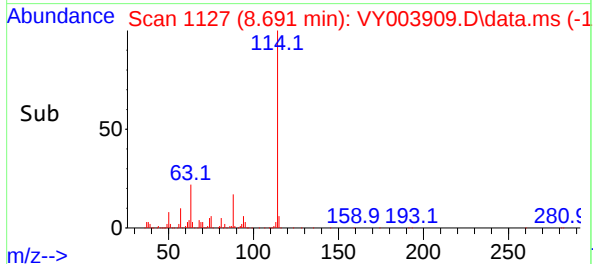
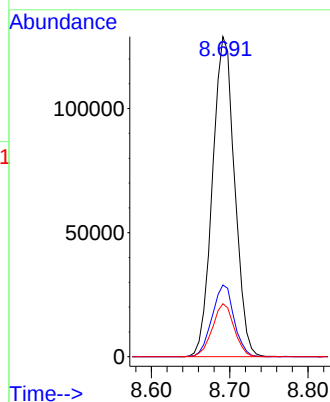
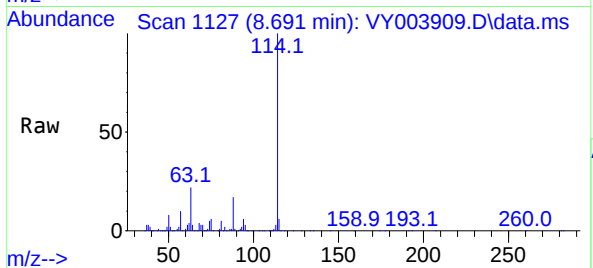


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Tgt Ion:114 Resp: 253299

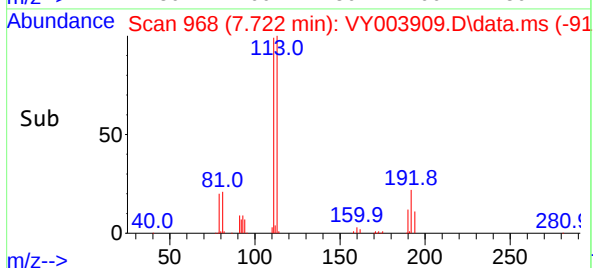
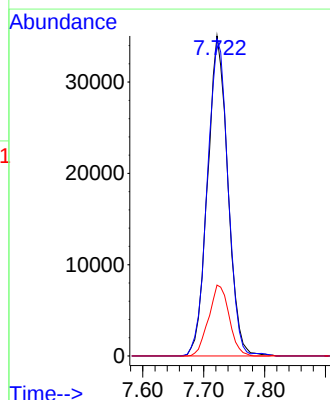
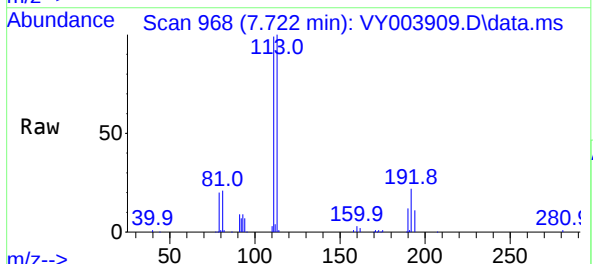
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	38.8
88	16.6	0.0	31.4

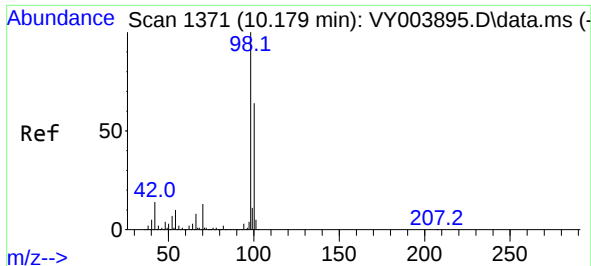


#35
Dibromofluoromethane
Concen: 39.20 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion:113 Resp: 81152

Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.0	124.6
192	22.3	19.8	29.6

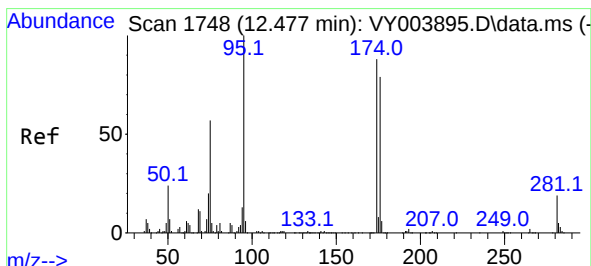
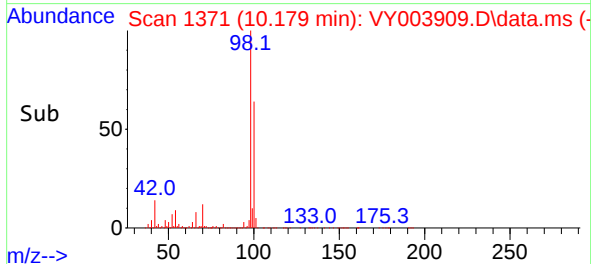
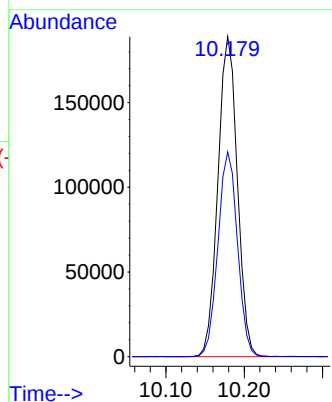
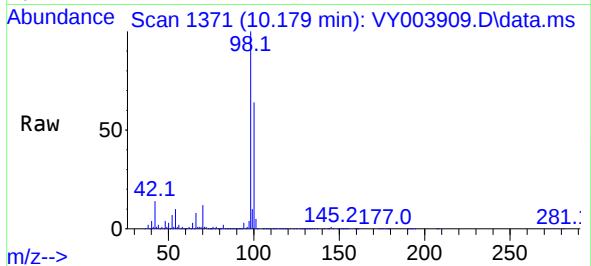




#50
Toluene-d8
Concen: 38.93 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

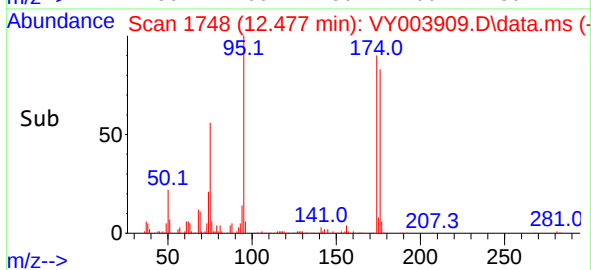
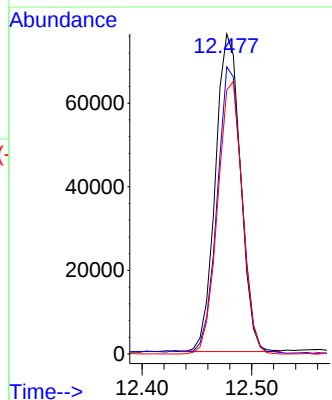
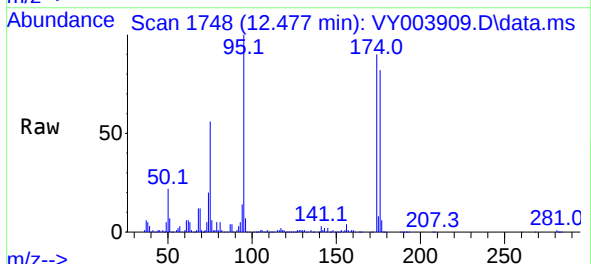
Instrument :
MSVOA_Y
ClientSampled :
72-11977

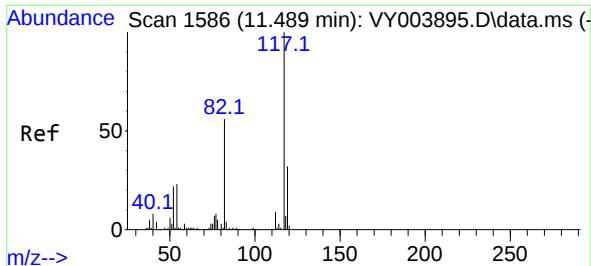
Tgt Ion: 98 Resp: 326609
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.39 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion: 95 Resp: 120678
Ion Ratio Lower Upper
95 100
174 89.5 0.0 193.2
176 84.8 0.0 187.0

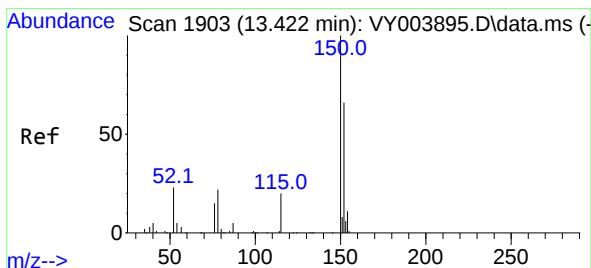
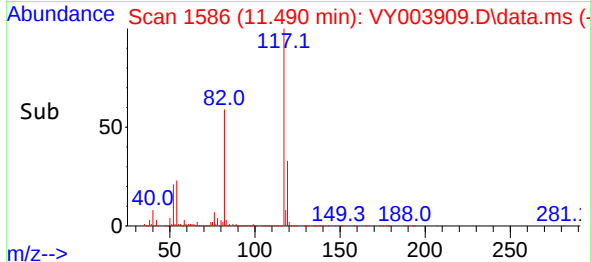
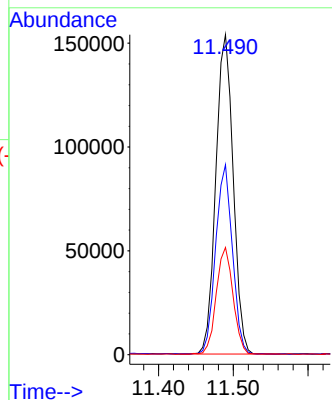
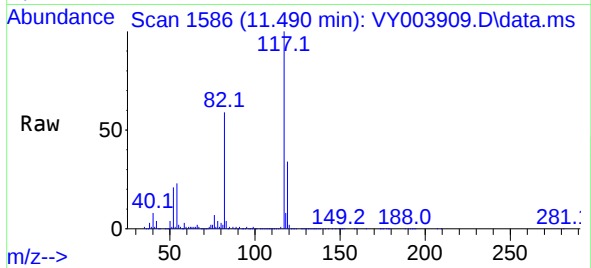




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

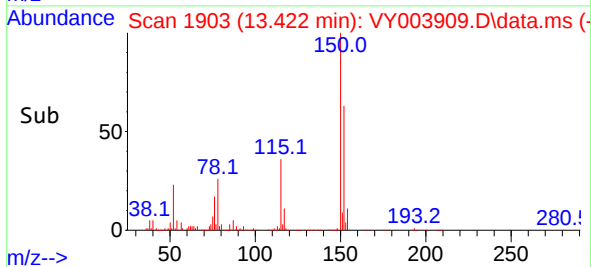
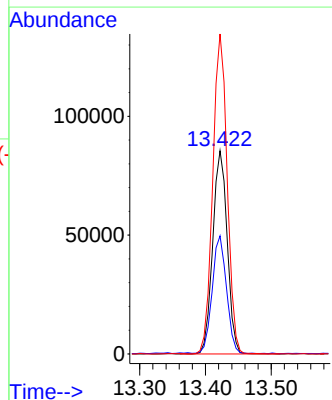
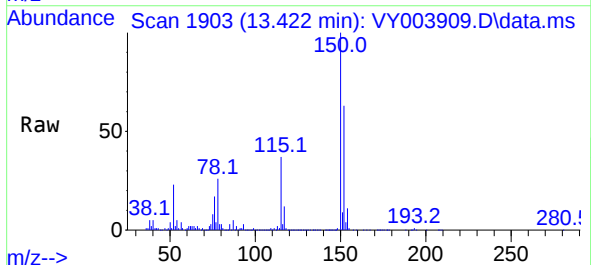
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ClientSampled :
72-11977

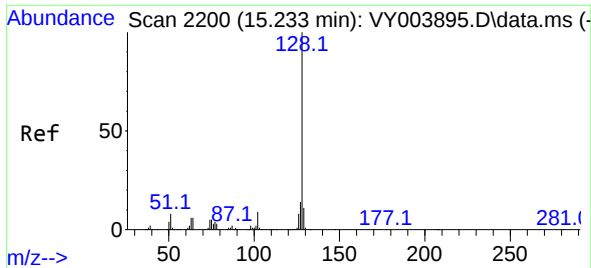
Tgt Ion:	117	Resp:	248998
Ion	Ratio	Lower	Upper
117	100		
82	59.3	43.9	65.9
119	33.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion:	152	Resp:	130964
Ion	Ratio	Lower	Upper
152	100		
115	57.4	27.9	83.7
150	157.0	0.0	356.4





#95
Naphthalene
Concen: 26.00 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Tgt Ion:128 Resp: 174878
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 11.6 8.7 13.1

