

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003911.D
 Acq On : 12 Jan 2021 19:12
 Operator : SY/MD
 Sample : M1073-01
 Misc : 6.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-217

Quant Time: Jan 13 02:36:11 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)

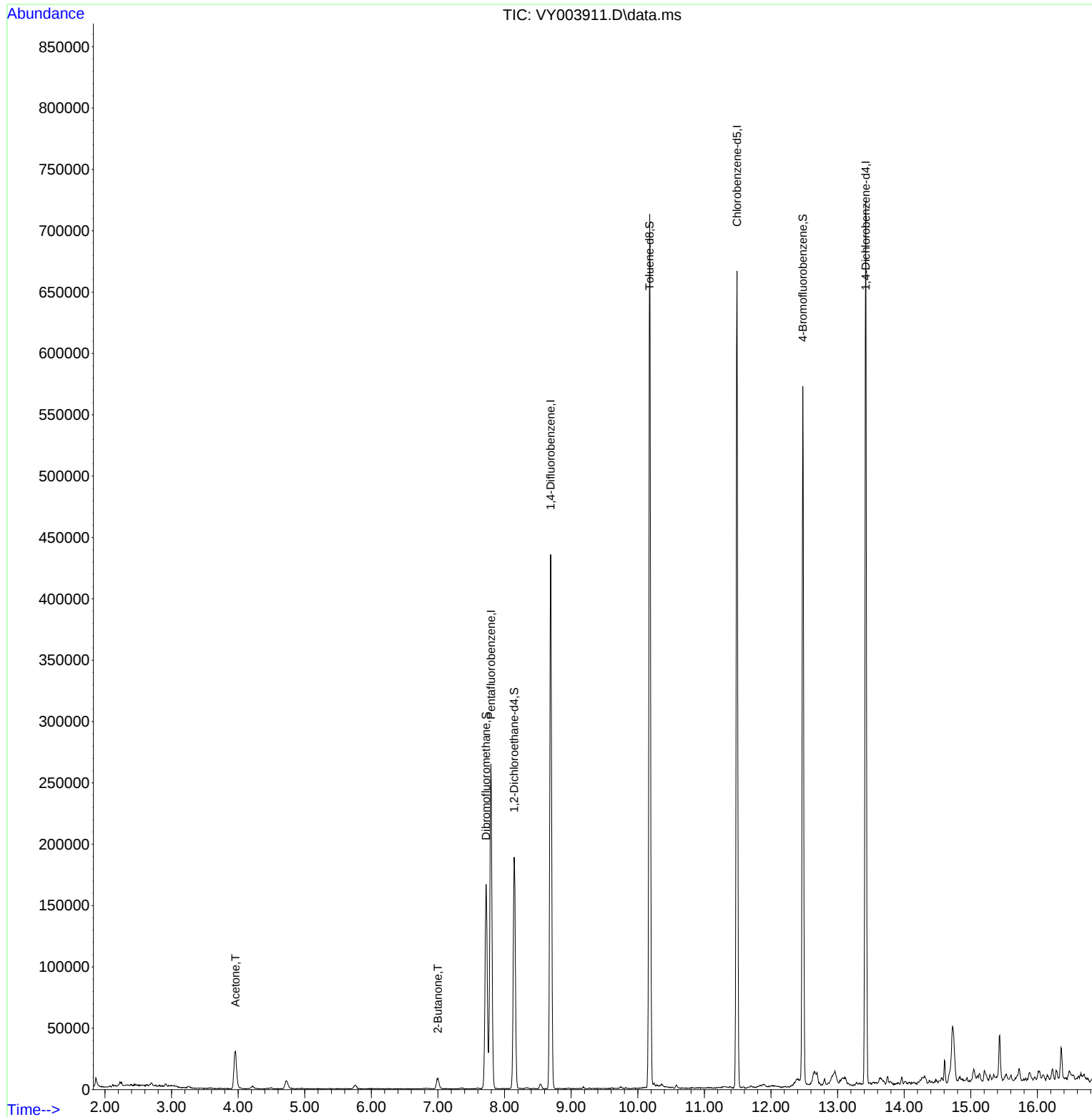
Internal Standards						
1) Pentafluorobenzene	7.795	168	205133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	149809	47.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.04%
35) Dibromofluoromethane	7.722	113	113207	40.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.46%
50) Toluene-d8	10.179	98	437597	38.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.74%
62) 4-Bromofluorobenzene	12.477	95	164507	39.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.00%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	55353	70.25	ug/l	99
25) 2-Butanone	6.997	43	15244	12.42	ug/l #	84

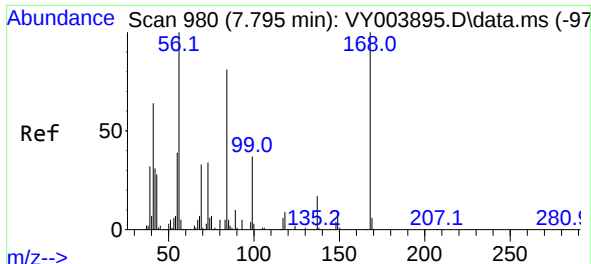
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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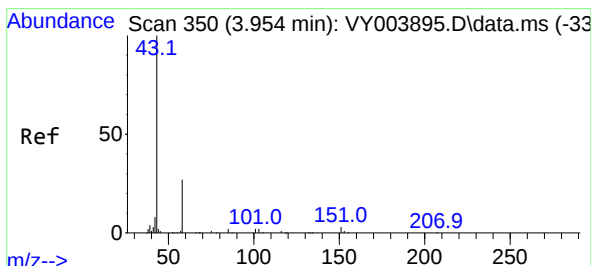
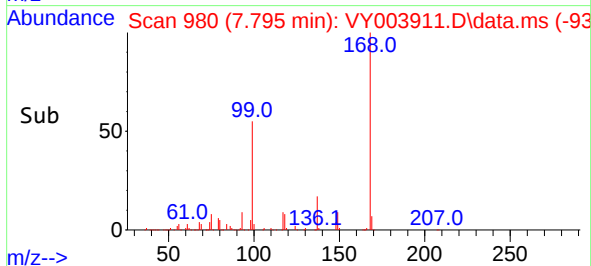
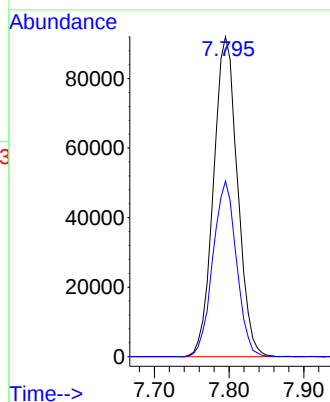
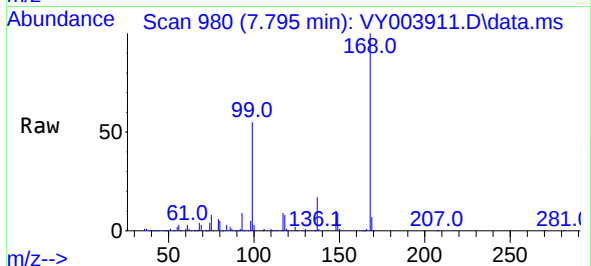




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

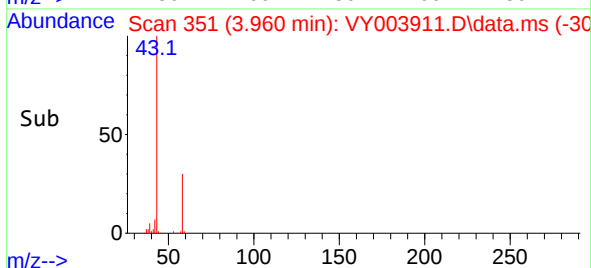
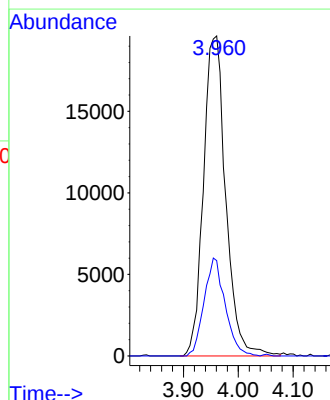
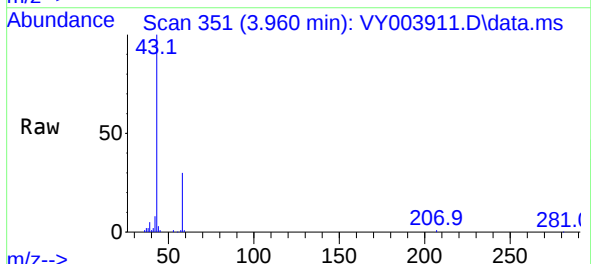
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-217

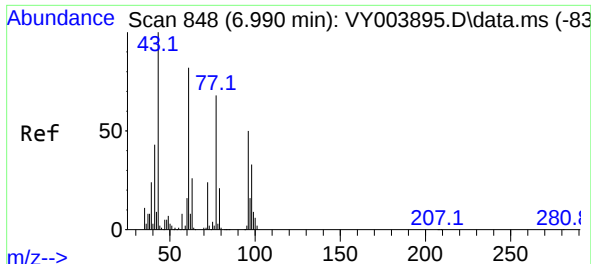
Tgt Ion:168 Resp: 205133
Ion Ratio Lower Upper
168 100
99 54.9 40.4 60.6



#16
Acetone
Concen: 70.25 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion: 43 Resp: 55353
Ion Ratio Lower Upper
43 100
58 29.8 24.5 36.7

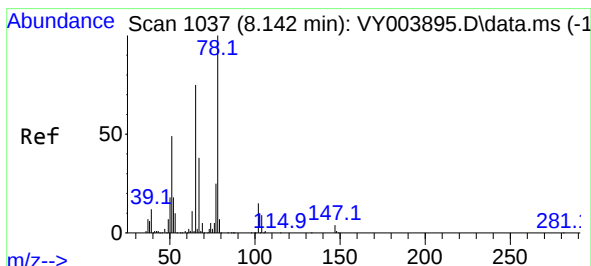
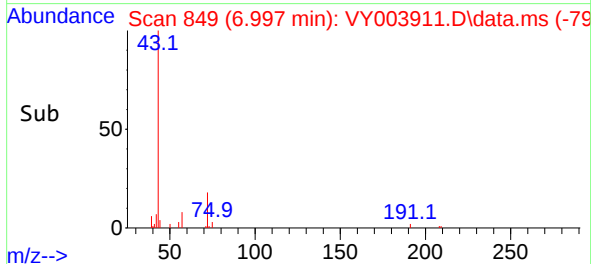
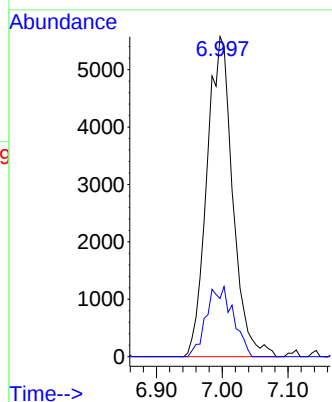
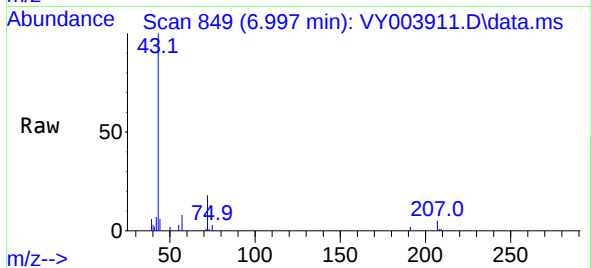




#25
2-Butanone
Concen: 12.42 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

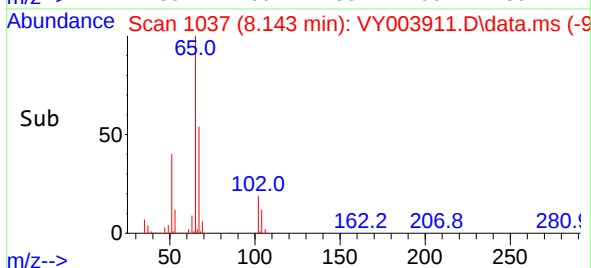
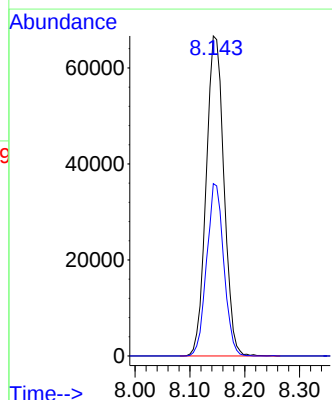
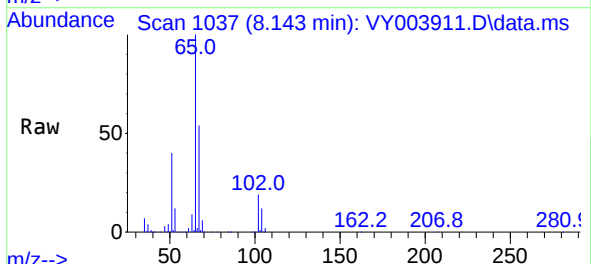
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-217

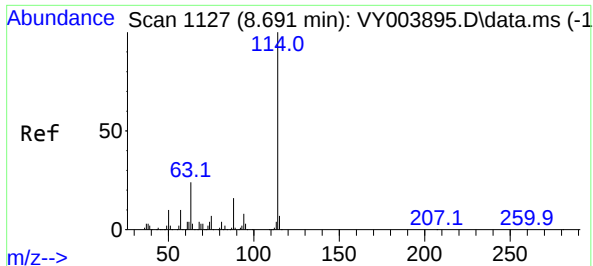
Tgt Ion: 43 Resp: 15244
Ion Ratio Lower Upper
43 100
72 18.2 21.0 31.6#



#33
1,2-Dichloroethane-d4
Concen: 47.02 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion: 65 Resp: 149809
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2



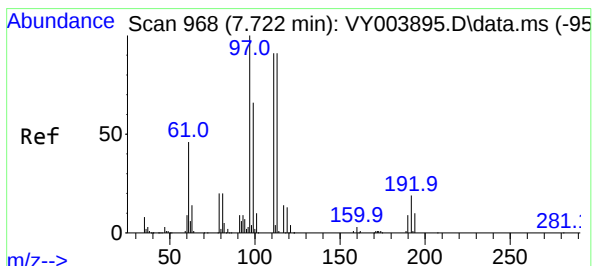
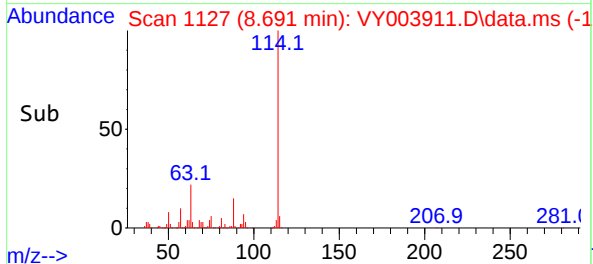
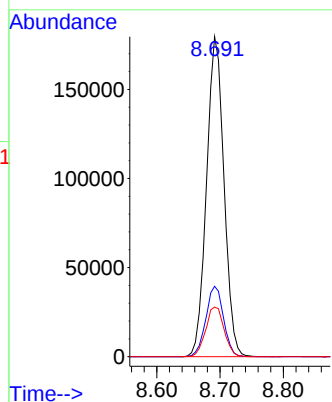
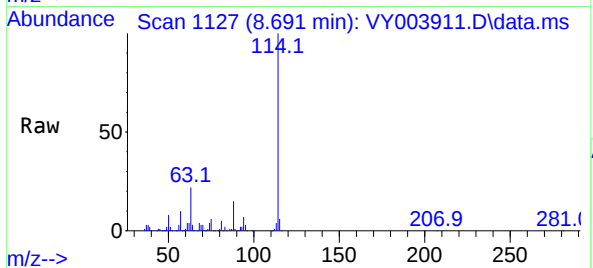


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-217

Tgt Ion:114 Resp: 344356

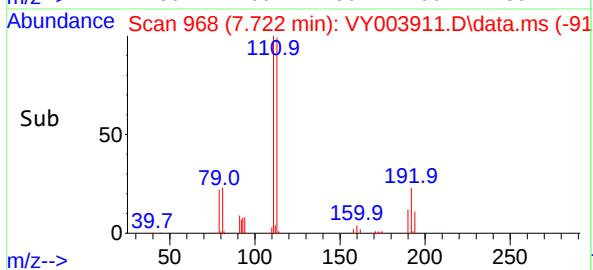
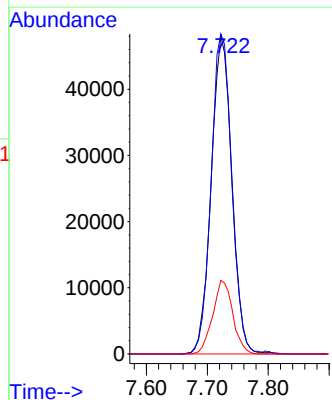
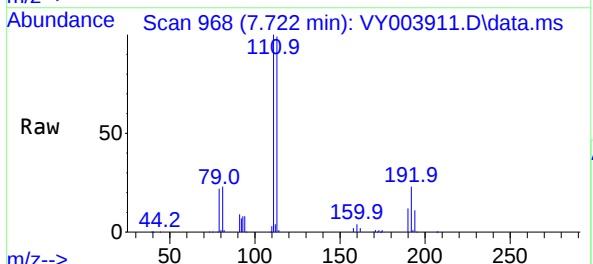
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	38.8
88	15.5	0.0	31.4

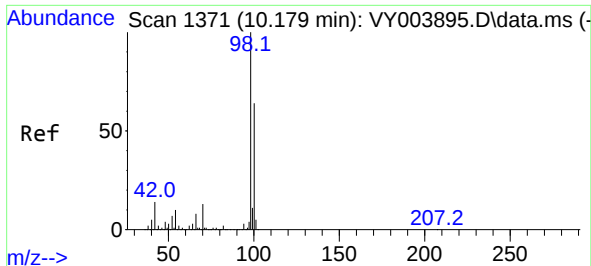


#35
Dibromofluoromethane
Concen: 40.23 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion:113 Resp: 113207

Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.0	124.6
192	22.5	19.8	29.6

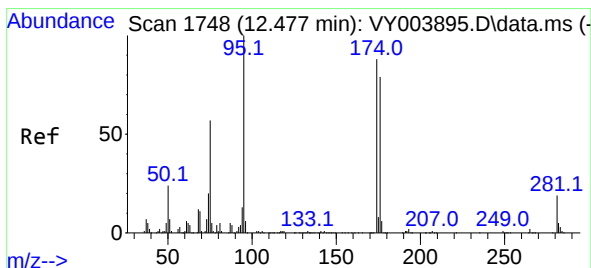
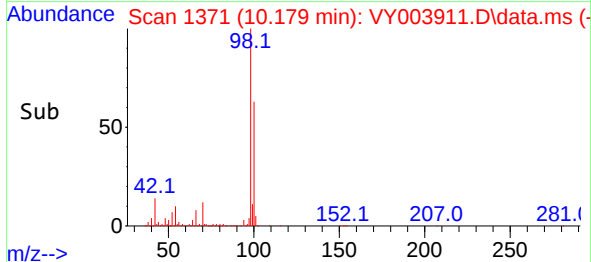
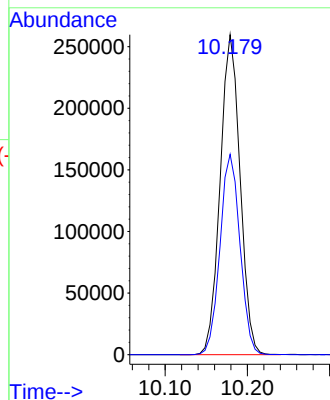
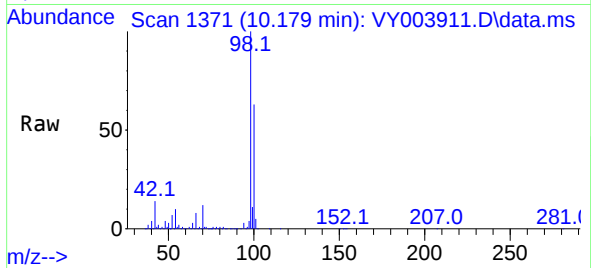




#50
Toluene-d8
Concen: 38.37 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

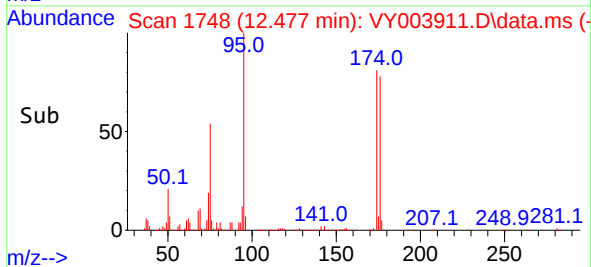
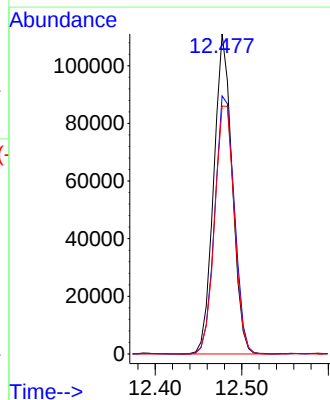
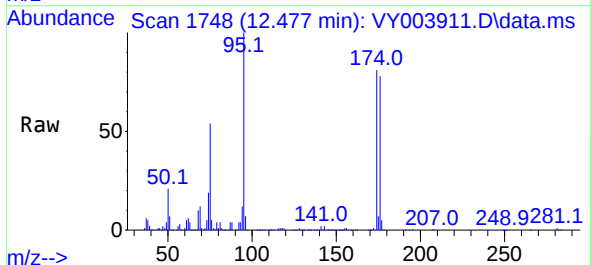
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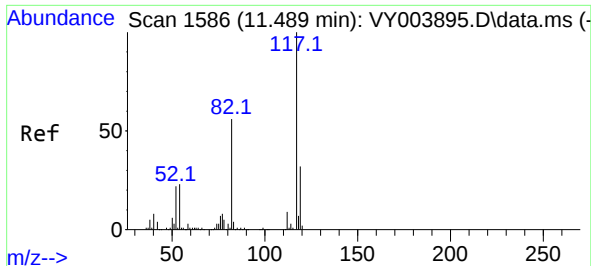
Tgt Ion: 98 Resp: 437597
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.50 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion: 95 Resp: 164507
Ion Ratio Lower Upper
95 100
174 85.7 0.0 193.2
176 82.5 0.0 187.0

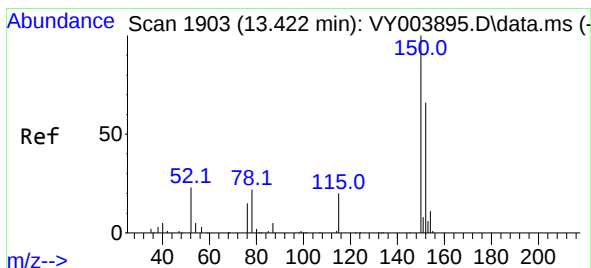
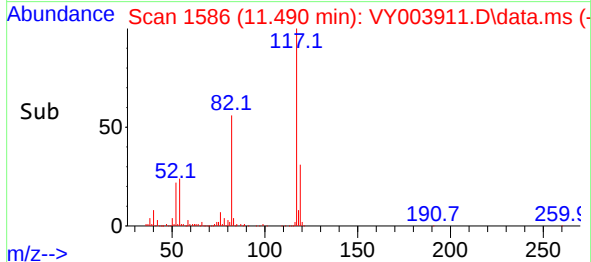
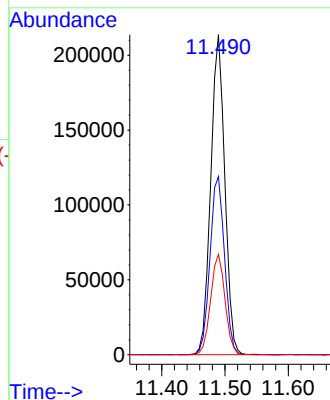
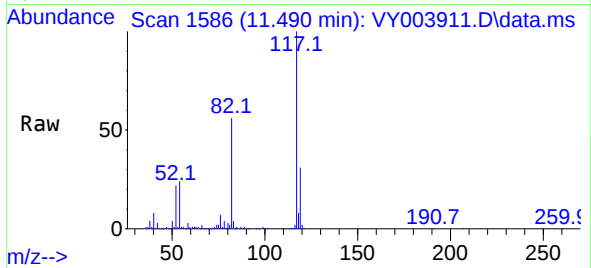




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-217

Tgt Ion:	117	Resp:	330614
Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.9	65.9
119	31.4	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: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion:	152	Resp:	174477
Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.9	83.7
150	154.2	0.0	356.4

