

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003928.D
 Acq On : 14 Jan 2021 18:47
 Operator : SY/MD
 Sample : M1141-22
 Misc : 4.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

Quant Time: Jan 15 00:59:52 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)

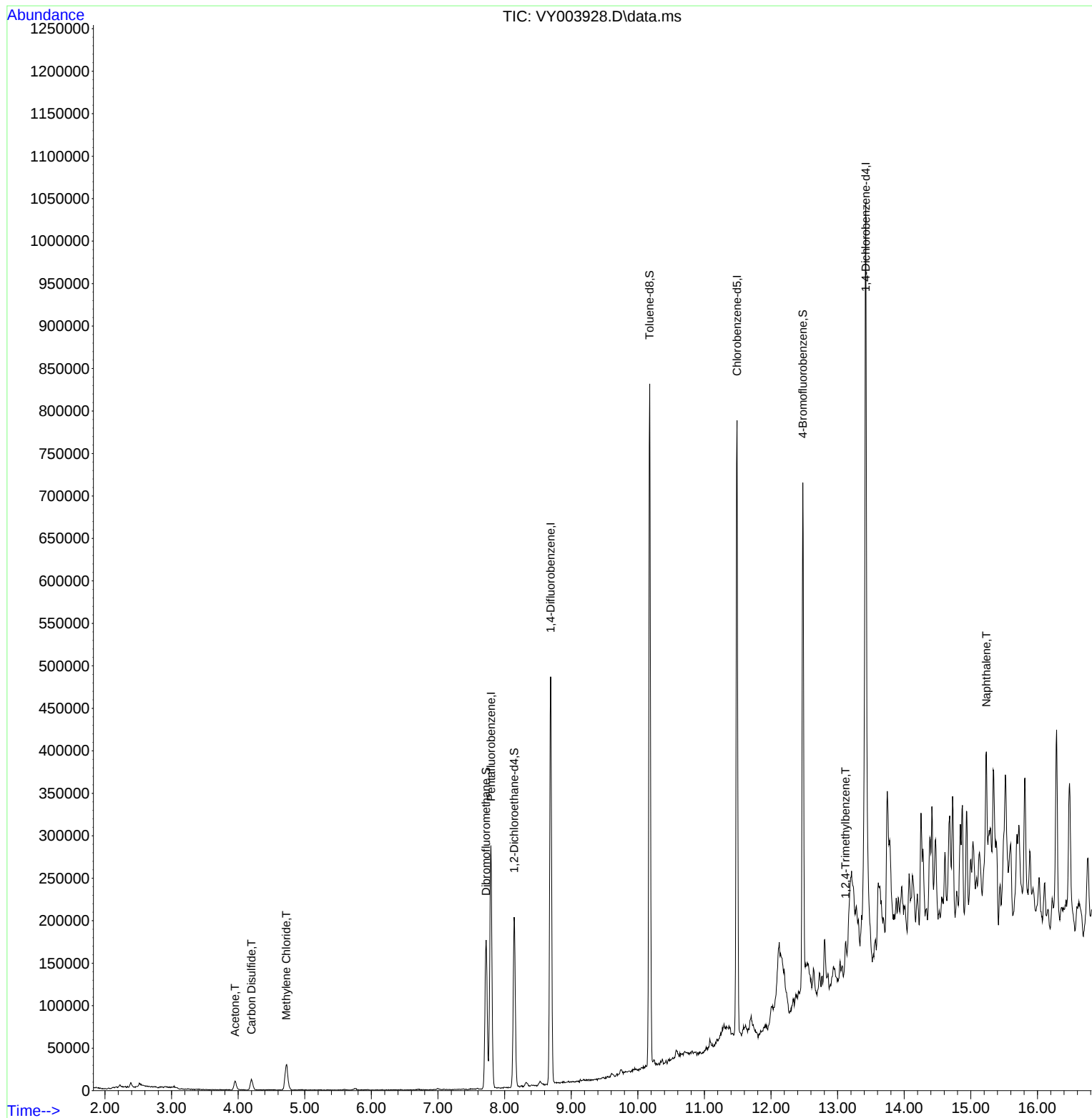
Internal Standards						
1) Pentafluorobenzene	7.795	168	219851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	358894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152700	44.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.42%
35) Dibromofluoromethane	7.722	113	120119	38.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.16%
50) Toluene-d8	10.179	98	499484	39.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.14%
62) 4-Bromofluorobenzene	12.477	95	174637	37.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.80%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	17216	20.39	ug/l	99
17) Carbon Disulfide	4.198	76	23587	2.72	ug/l	96
20) Methylene Chloride	4.722	84	20702	6.54	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	18748	1.44	ug/l	100
95) Naphthalene	15.233	128	129795	15.00	ug/l	98

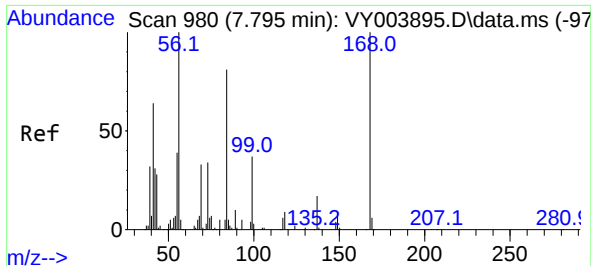
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
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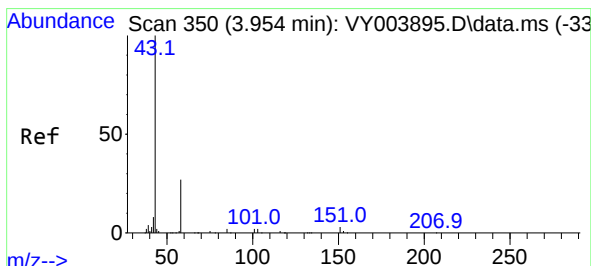
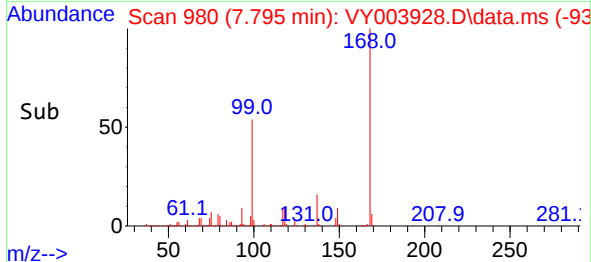
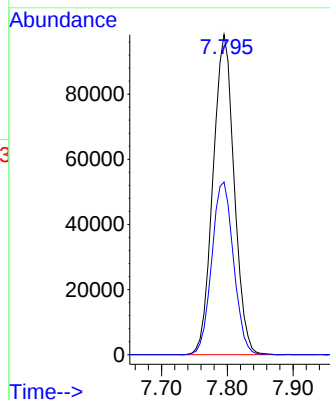
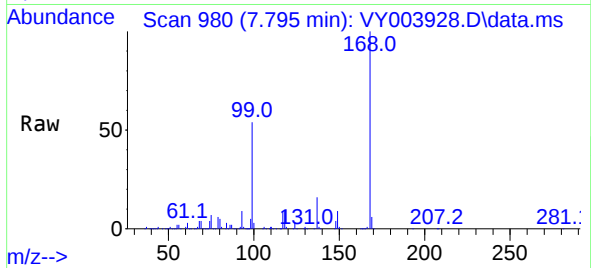




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

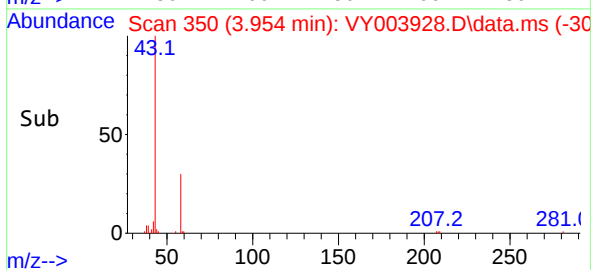
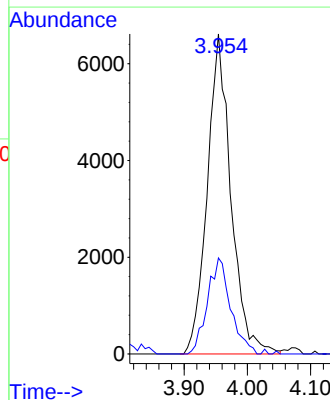
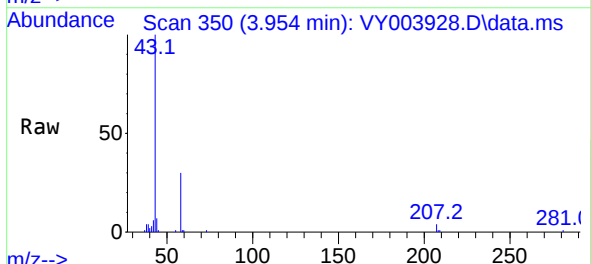
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

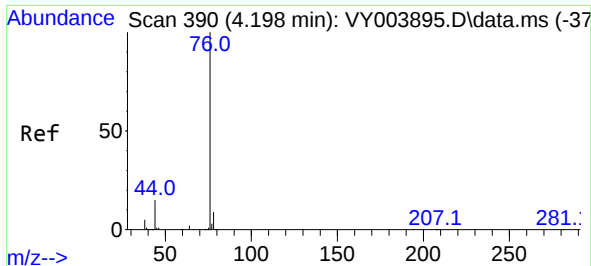
Tgt Ion:168 Resp: 219851
Ion Ratio Lower Upper
168 100
99 54.0 40.4 60.6



#16
Acetone
Concen: 20.39 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 43 Resp: 17216
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7

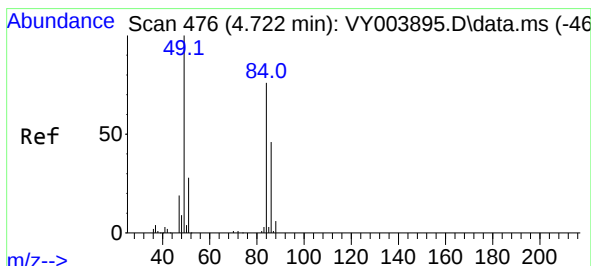
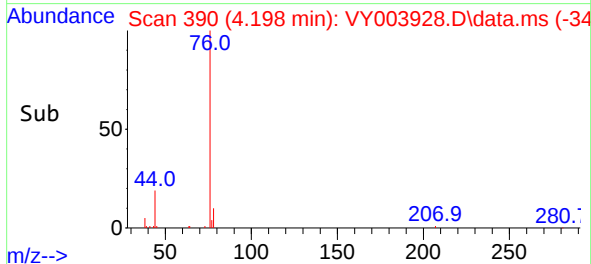
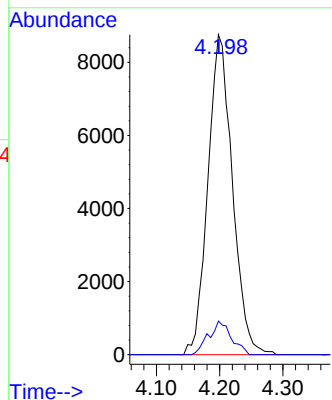
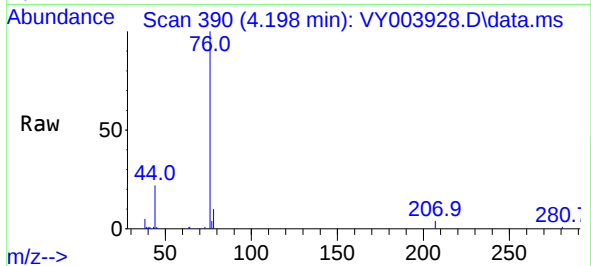




#17
Carbon Disulfide
Concen: 2.72 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

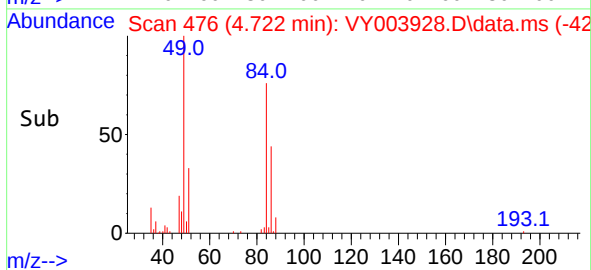
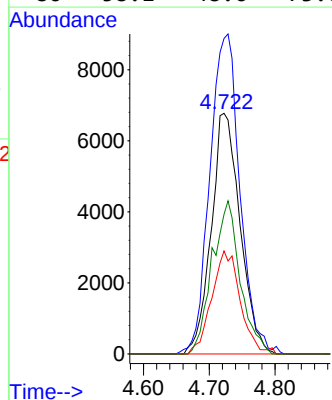
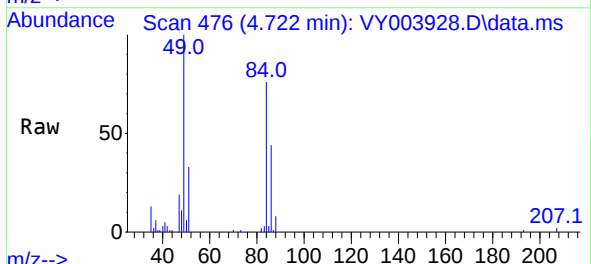
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

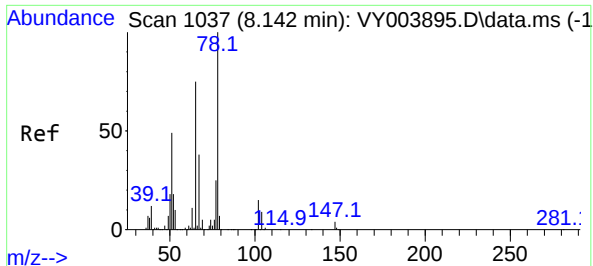
Tgt Ion: 76 Resp: 23587
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#20
Methylene Chloride
Concen: 6.54 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 84 Resp: 20702
Ion Ratio Lower Upper
84 100
49 130.3 98.0 147.0
51 42.8 30.5 45.7
86 58.1 48.6 73.0

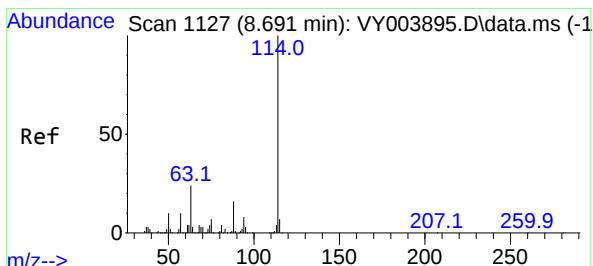
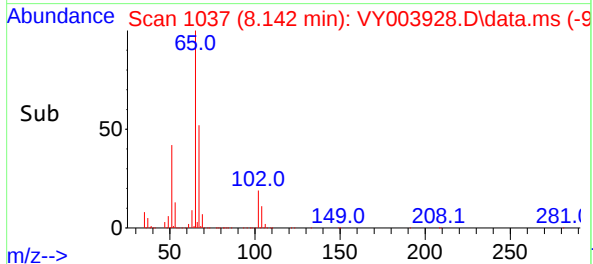
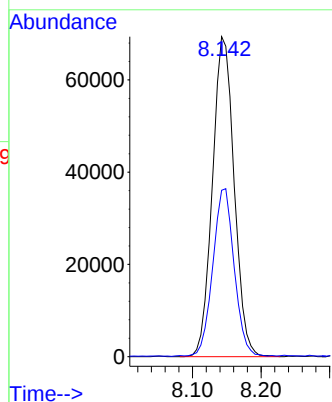
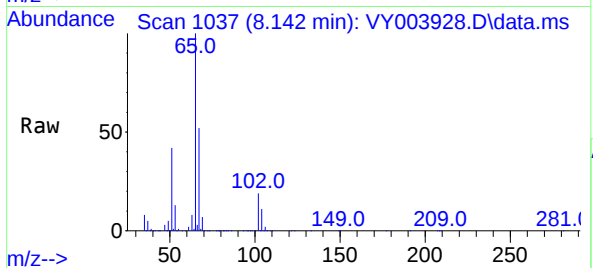




#33
1,2-Dichloroethane-d4
Concen: 44.71 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

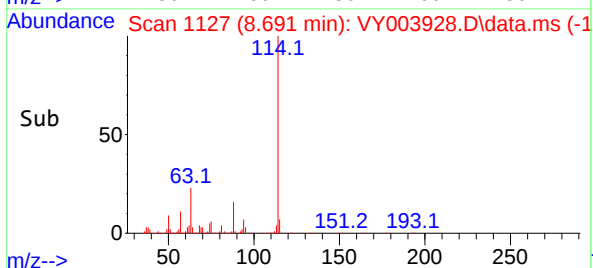
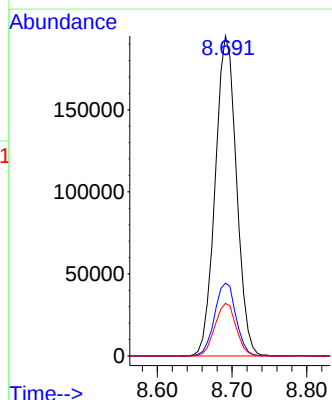
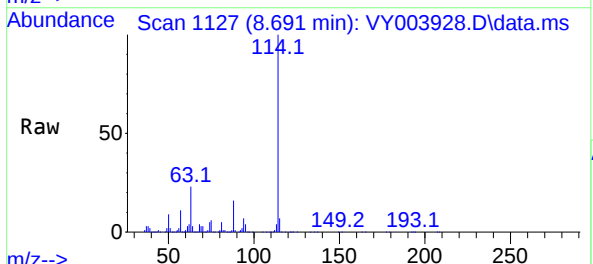
Instrument :
MSVOA_Y
ClientSampled :
ETGI-354

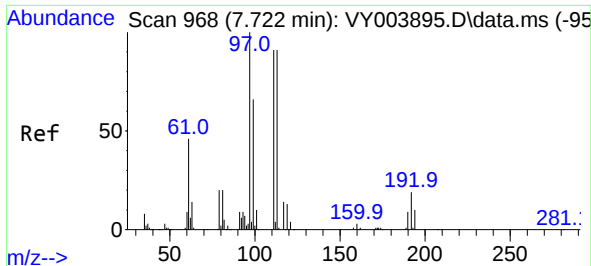
Tgt Ion: 65 Resp: 152700
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion:114 Resp: 386017
Ion Ratio Lower Upper
114 100
63 22.8 0.0 38.8
88 16.4 0.0 31.4

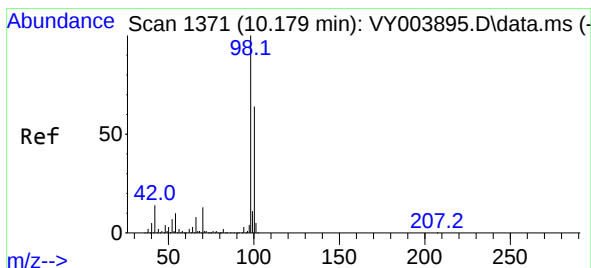
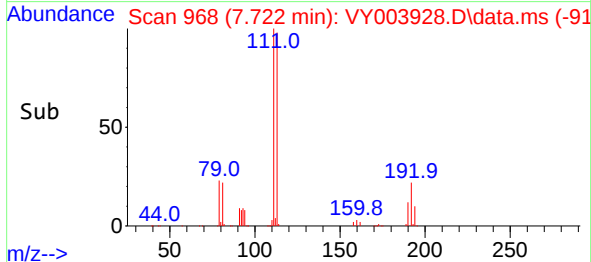
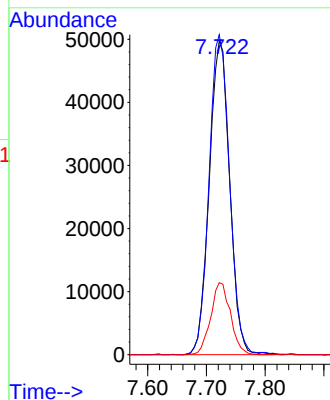
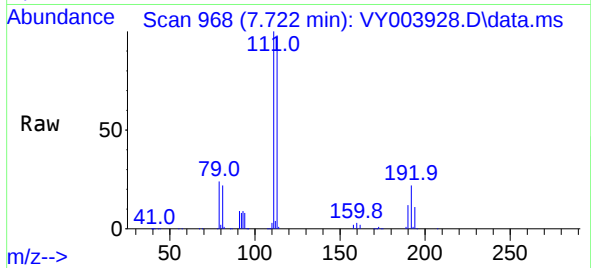




#35
Dibromofluoromethane
Concen: 38.08 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

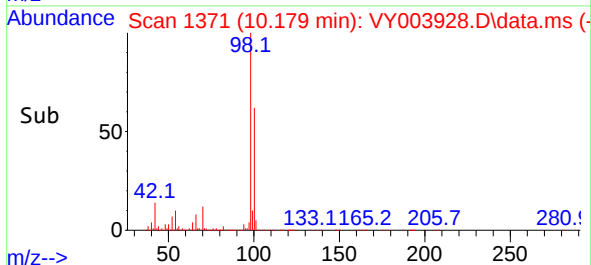
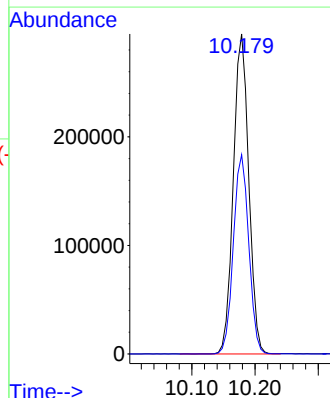
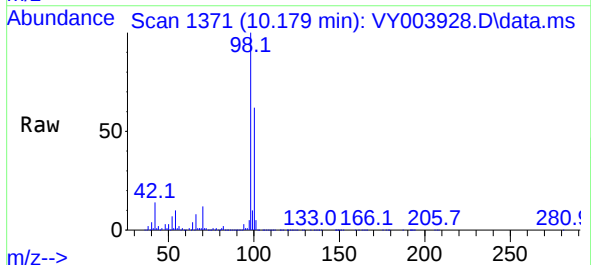
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

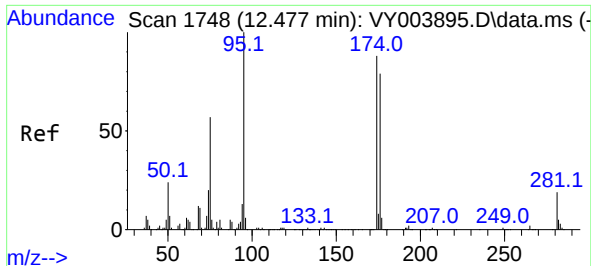
Tgt Ion:113 Resp: 120119
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 22.2 19.8 29.6



#50
Toluene-d8
Concen: 39.07 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 98 Resp: 499484
Ion Ratio Lower Upper
98 100
100 62.2 51.4 77.0



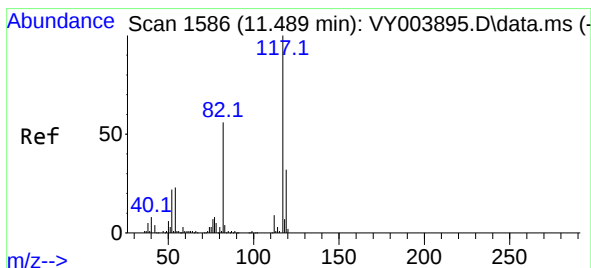
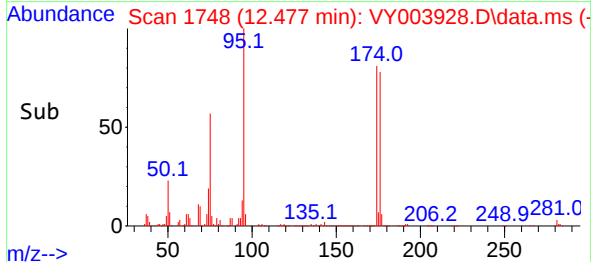
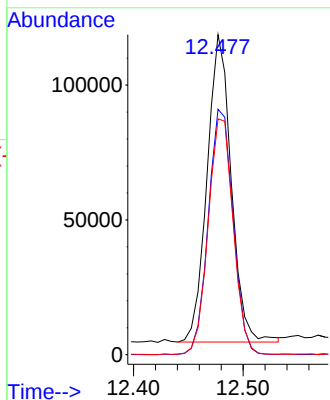
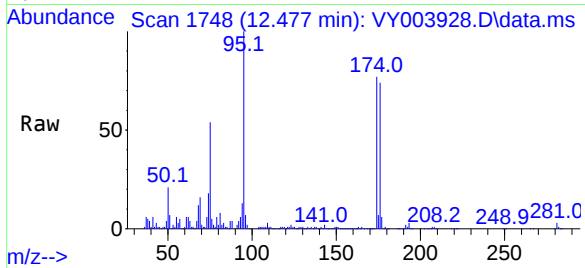


#62
4-Bromofluorobenzene
Concen: 37.40 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

Tgt Ion: 95 Resp: 174637

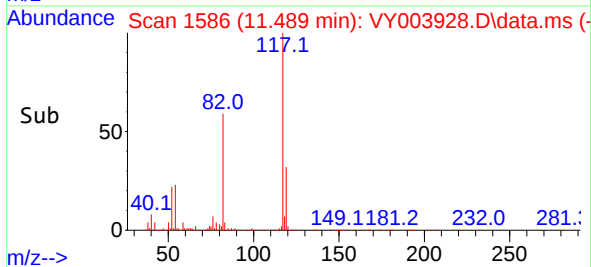
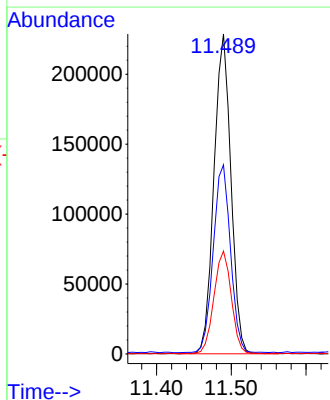
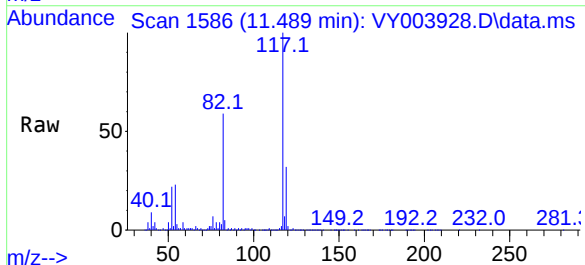
Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	193.2
176	79.6	0.0	187.0

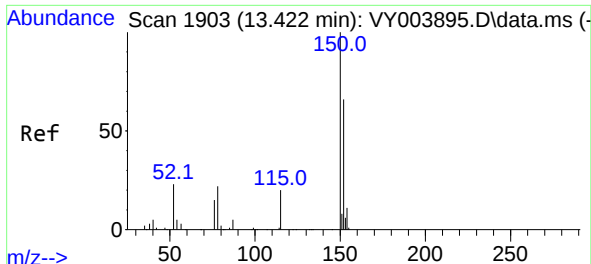


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 117 Resp: 358894

Ion	Ratio	Lower	Upper
117	100		
82	58.7	43.9	65.9
119	32.0	26.2	39.4

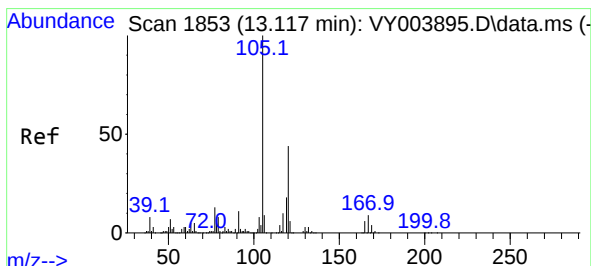
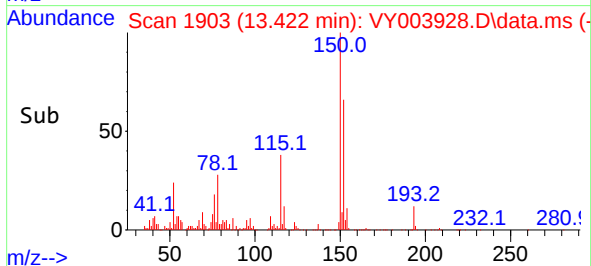
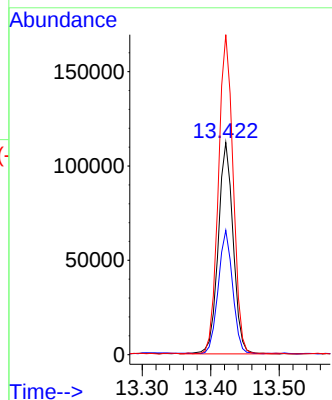
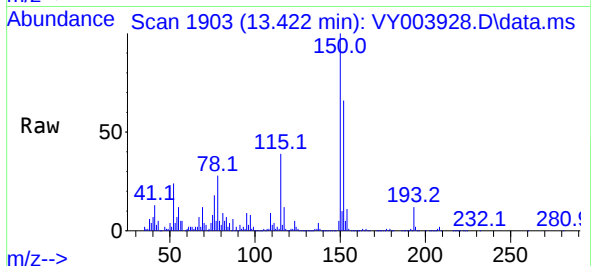




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

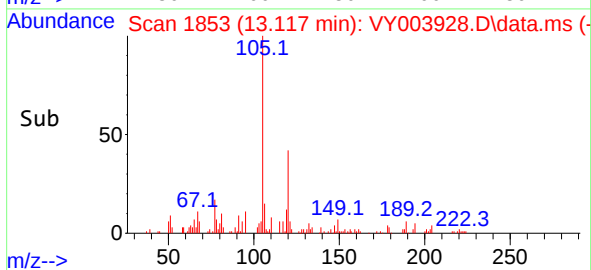
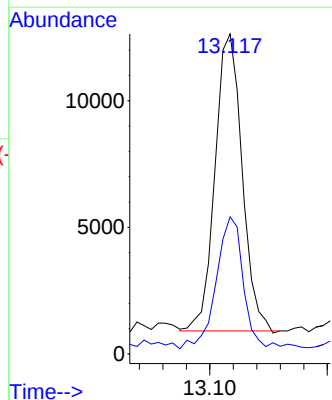
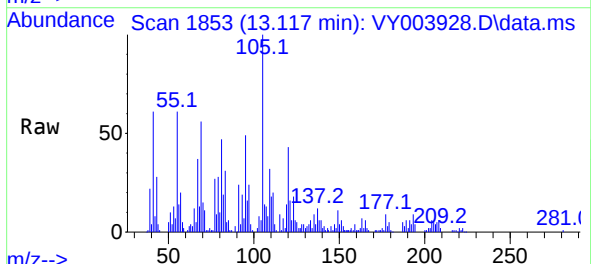
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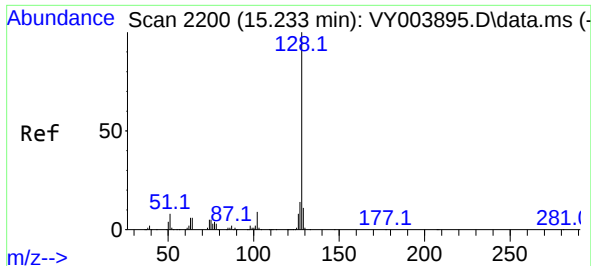
Tgt Ion:152 Resp: 168498
Ion Ratio Lower Upper
152 100
115 56.4 27.9 83.7
150 149.2 0.0 356.4



#84
1,2,4-Trimethylbenzene
Concen: 1.44 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion:105 Resp: 18748
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5





#95
Naphthalene
Concen: 15.00 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

Tgt Ion:128 Resp: 129795
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 10.5 8.7 13.1

