

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005577.D
 Acq On : 06 Aug 2021 17:44
 Operator : SY/MD
 Sample : M3289-09RE
 Misc : 1.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 37702RTRE

Quant Time: Aug 07 06:20:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

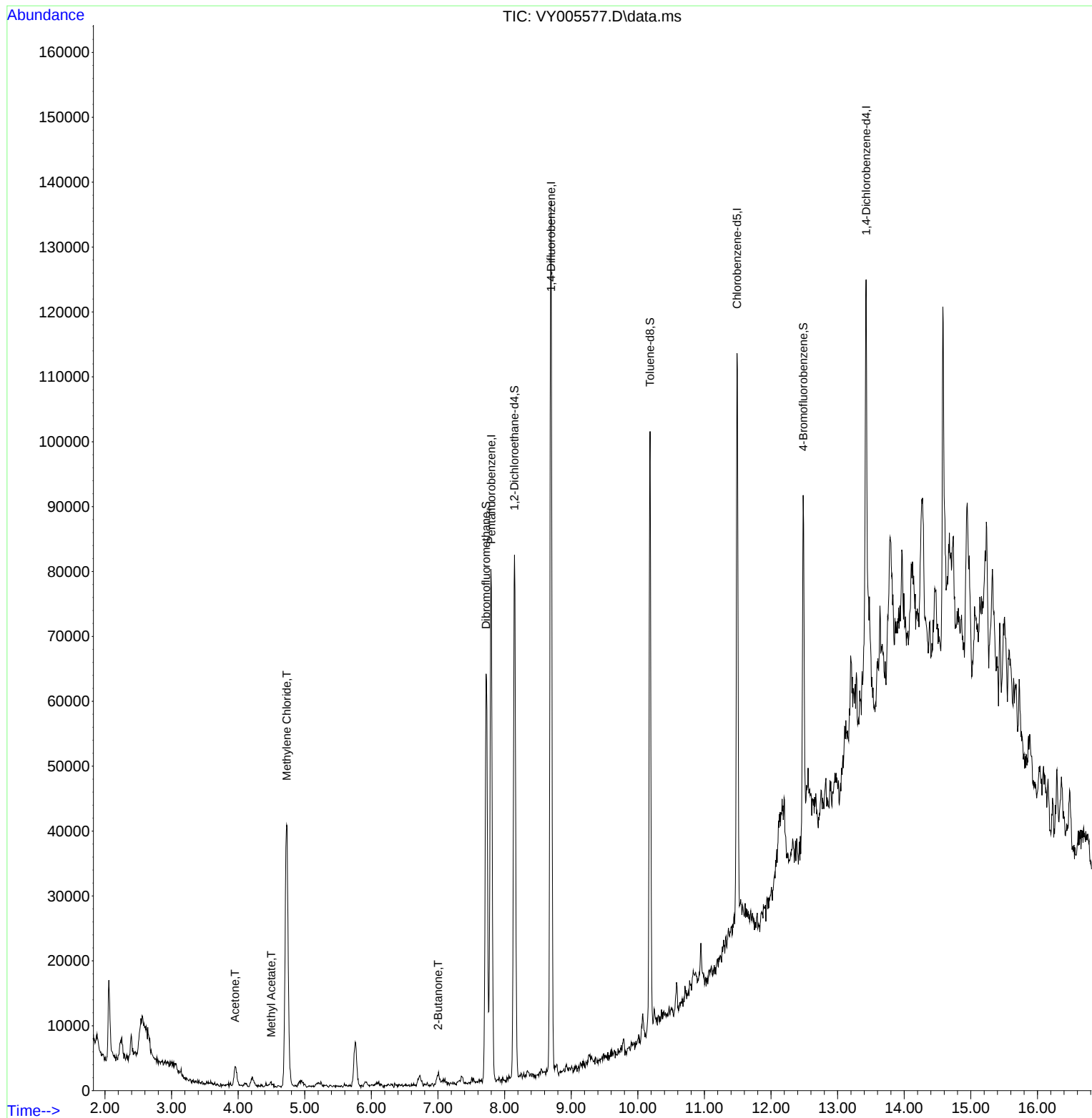
Internal Standards						
1) Pentafluorobenzene	7.801	168	62615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	112372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	47263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	65527	103.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.76%#	
35) Dibromofluoromethane	7.722	113	44504	70.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.48%	
50) Toluene-d8	10.185	98	59721	22.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 45.26%#	
62) 4-Bromofluorobenzene	12.483	95	14135	16.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 32.36%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	5414	33.88	ug/l	96
18) Methyl Acetate	4.497	43	1157	2.77	ug/l	93
20) Methylene Chloride	4.729	84	31317	49.37	ug/l	90
25) 2-Butanone	7.003	43	1809	7.66	ug/l #	83

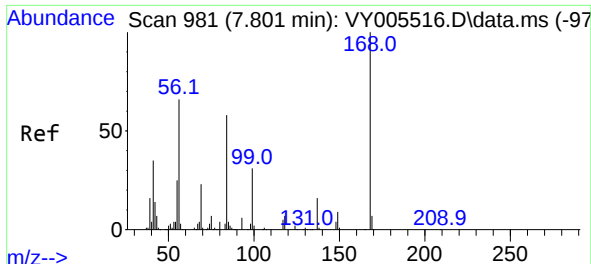
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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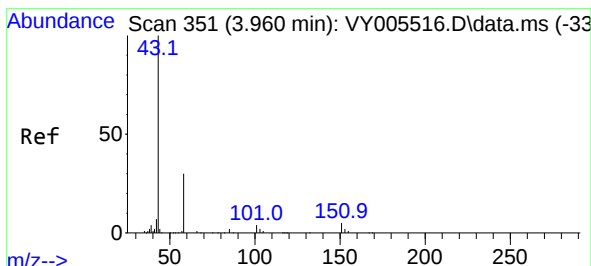
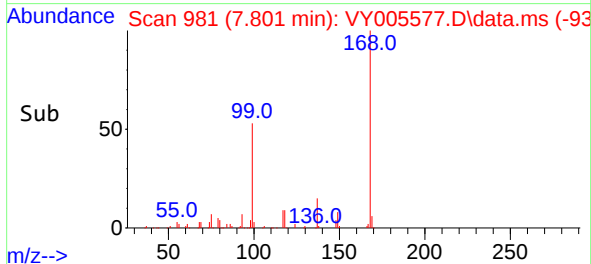
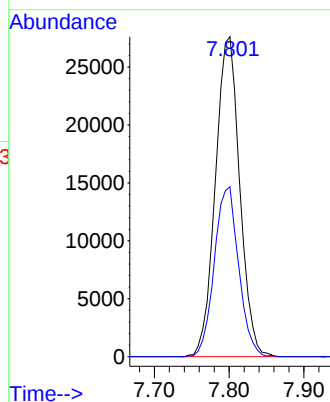
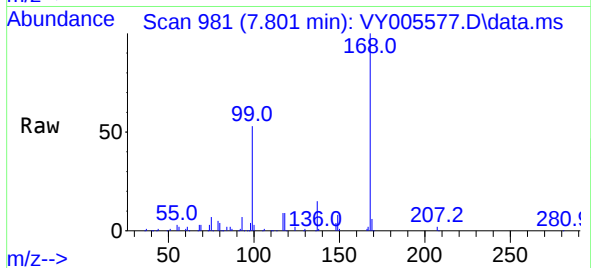




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

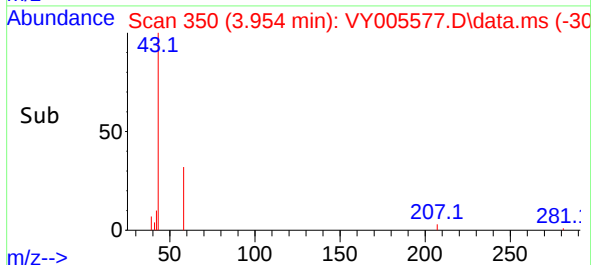
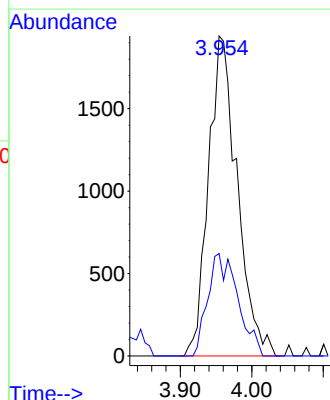
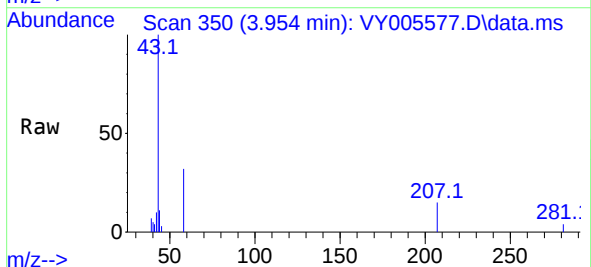
Instrument :
MSVOA_Y
ClientSampleId :
37702RTRE

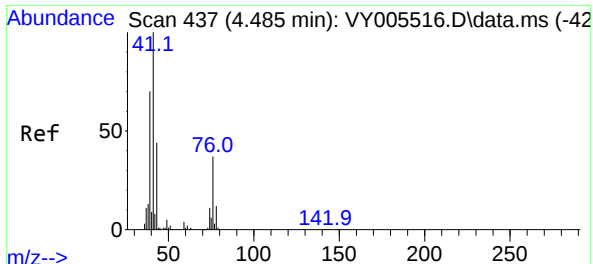
Tgt Ion:168 Resp: 62615
Ion Ratio Lower Upper
168 100
99 53.1 38.9 58.3



#16
Acetone
Concen: 33.88 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

Tgt Ion: 43 Resp: 5414
Ion Ratio Lower Upper
43 100
58 32.0 23.8 35.6

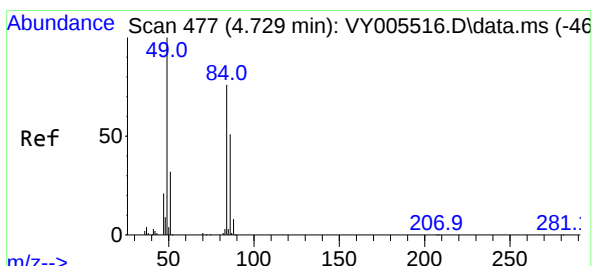
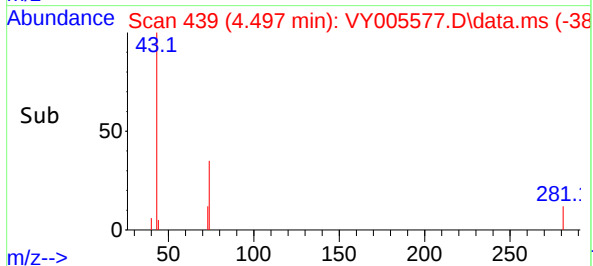
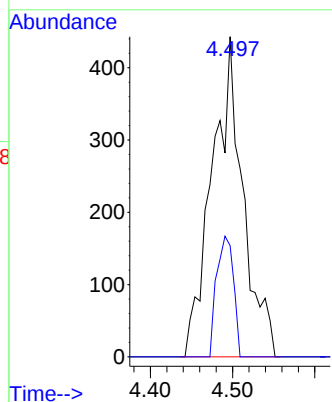
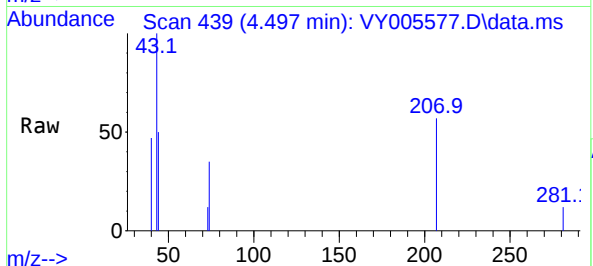




#18
Methyl Acetate
Concen: 2.77 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

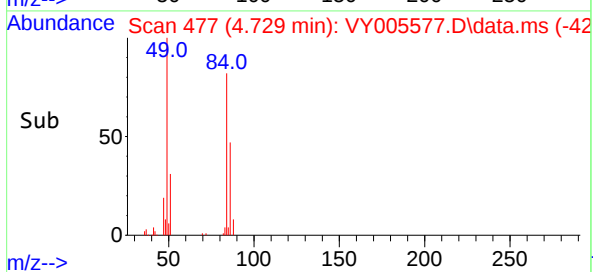
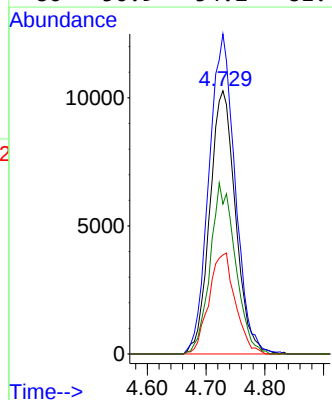
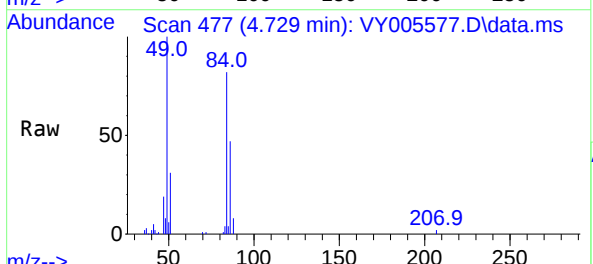
Instrument :
MSVOA_Y
ClientSampleId :
37702RTRE

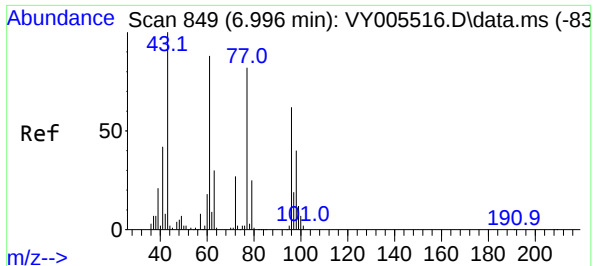
Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
74 20.5 19.0 28.6



#20
Methylene Chloride
Concen: 49.37 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

Tgt Ion: 84 Resp: 31317
Ion Ratio Lower Upper
84 100
49 121.5 105.8 158.6
51 37.6 33.4 50.2
86 56.9 54.2 81.4

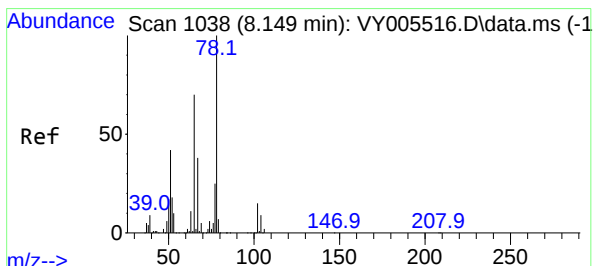
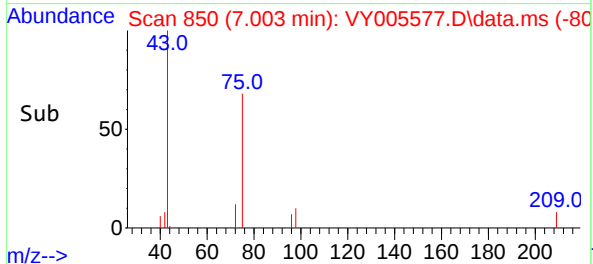
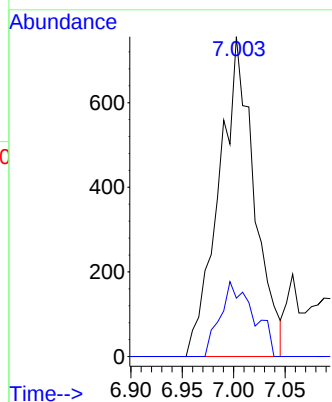
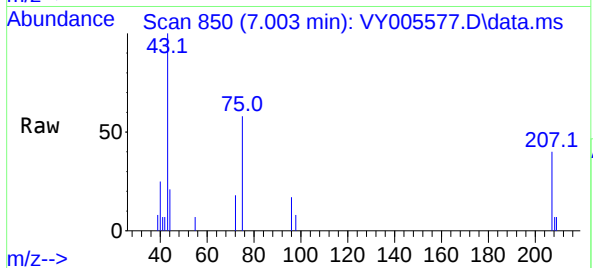




#25
2-Butanone
Concen: 7.66 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

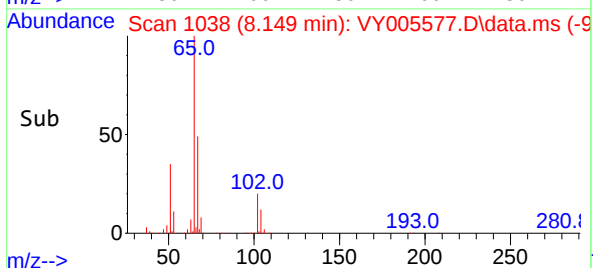
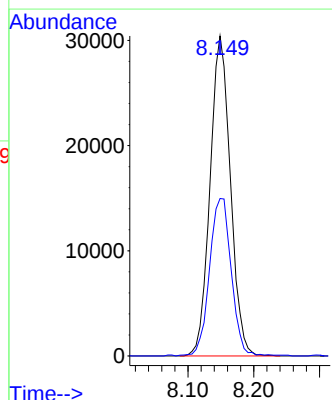
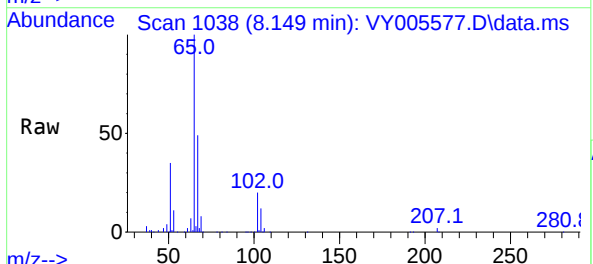
Instrument :
MSVOA_Y
ClientSampleId :
37702RTRE

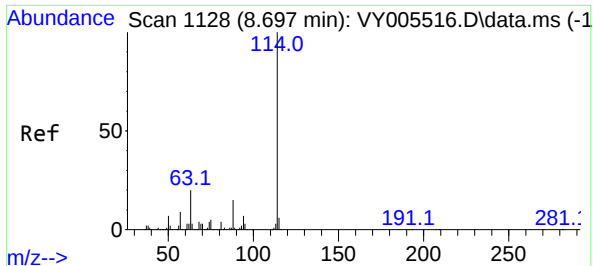
Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
72 18.3 21.4 32.2#



#33
1,2-Dichloroethane-d4
Concen: 103.38 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

Tgt Ion: 65 Resp: 65527
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4

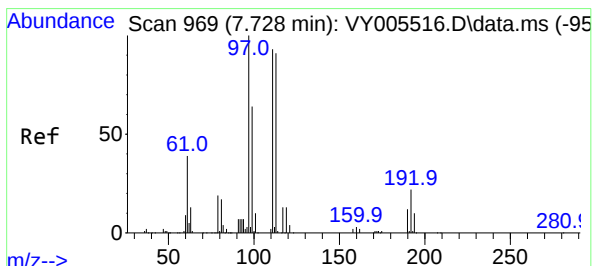
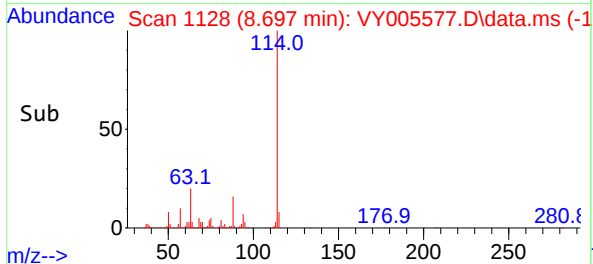
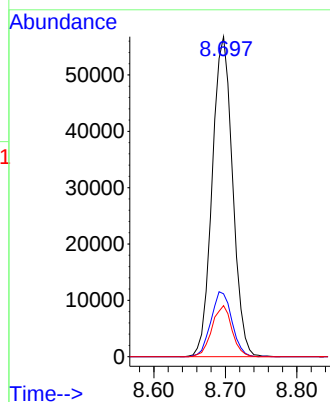
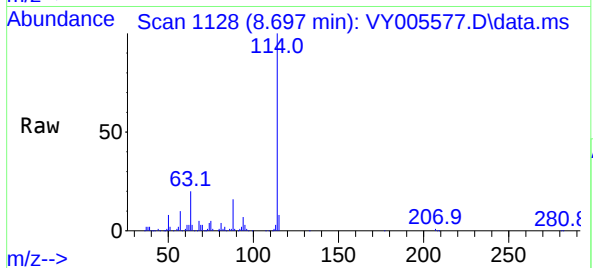




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

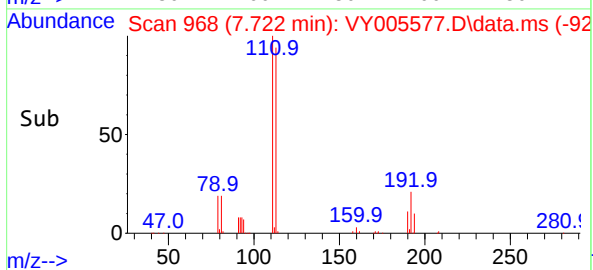
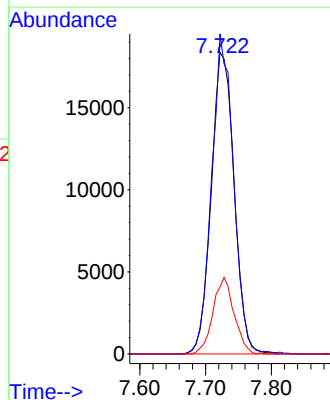
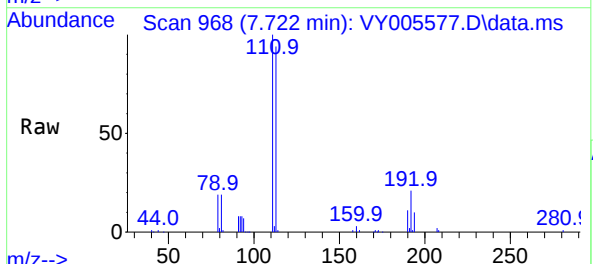
Instrument :
MSVOA_Y
ClientSampleId :
37702RTRE

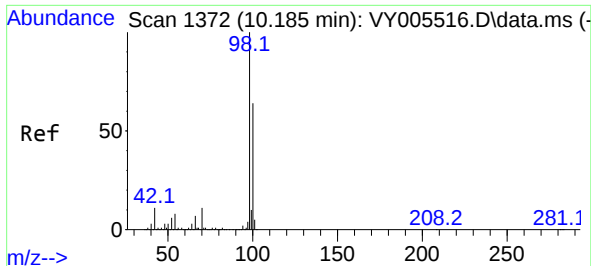
Tgt Ion:	114	Resp:	112372
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	39.2
88	16.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 70.74 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

Tgt Ion:	113	Resp:	44504
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.9	122.9
192	23.4	19.2	28.8

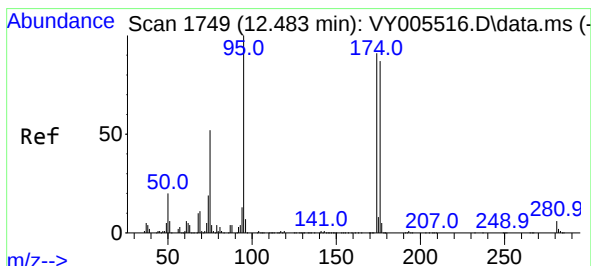
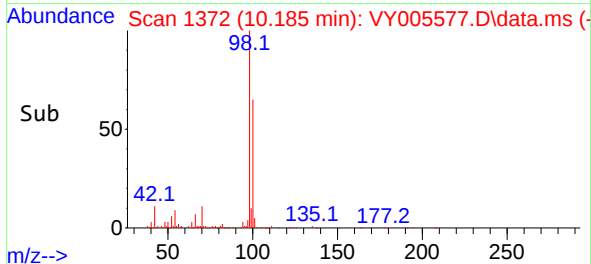
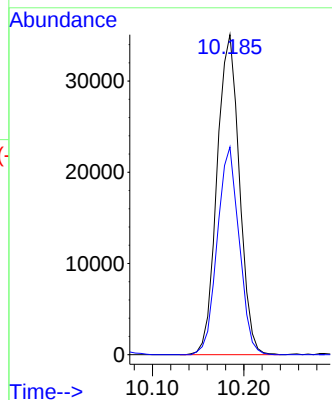
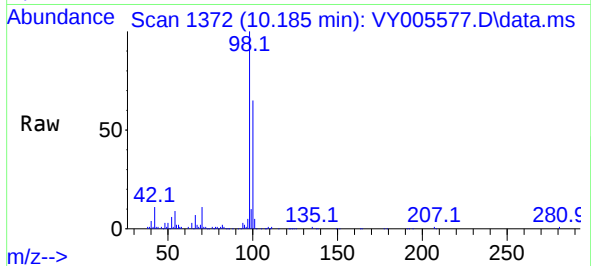




#50
Toluene-d8
Concen: 22.63 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

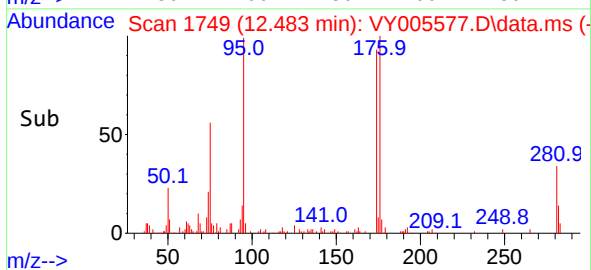
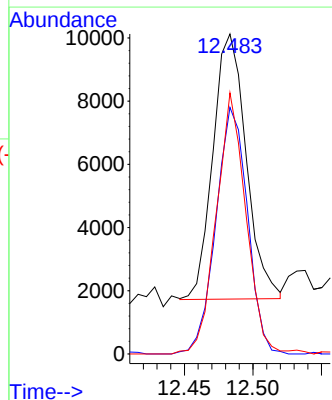
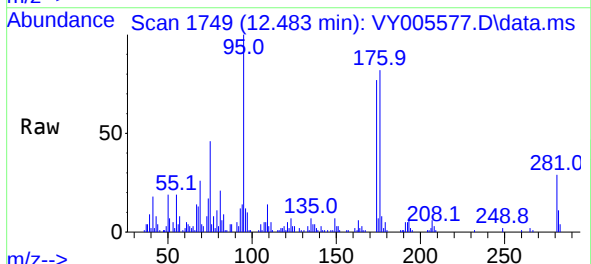
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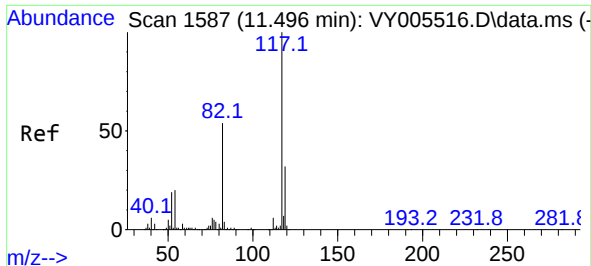
Tgt Ion: 98 Resp: 59721
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 16.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

Tgt Ion: 95 Resp: 14135
Ion Ratio Lower Upper
95 100
174 88.6 0.0 191.4
176 88.0 0.0 183.6

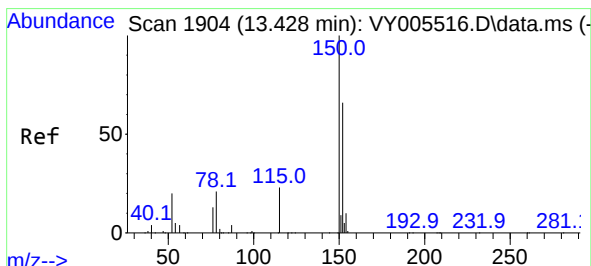
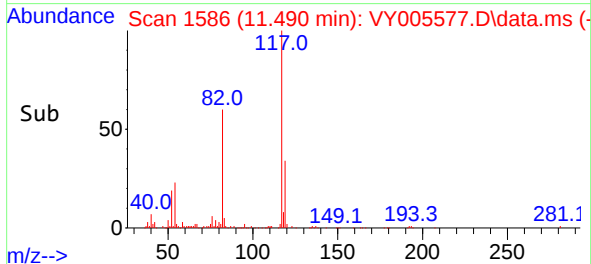
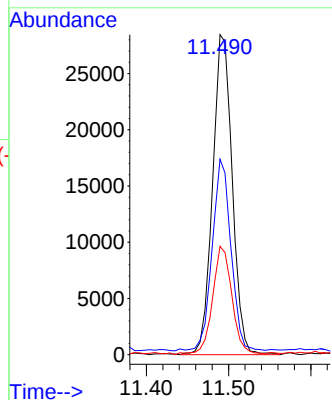
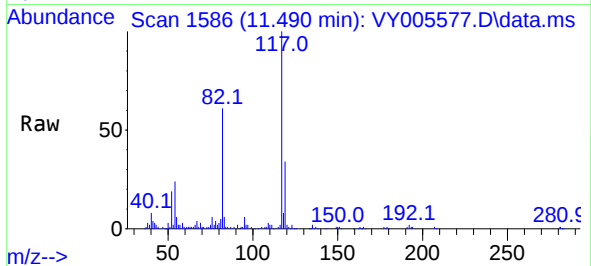




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	47263
Ion	Ratio	Lower	Upper
117	100		
82	59.6	43.5	65.3
119	33.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005577.D
Acq: 06 Aug 2021 17:44

Tgt Ion:	152	Resp:	12011
Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.3	81.9
150	160.6	0.0	350.2

