

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005625.D
 Acq On : 12 Aug 2021 16:15
 Operator : SY/MD
 Sample : M3353-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Aug 13 04:23:25 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)

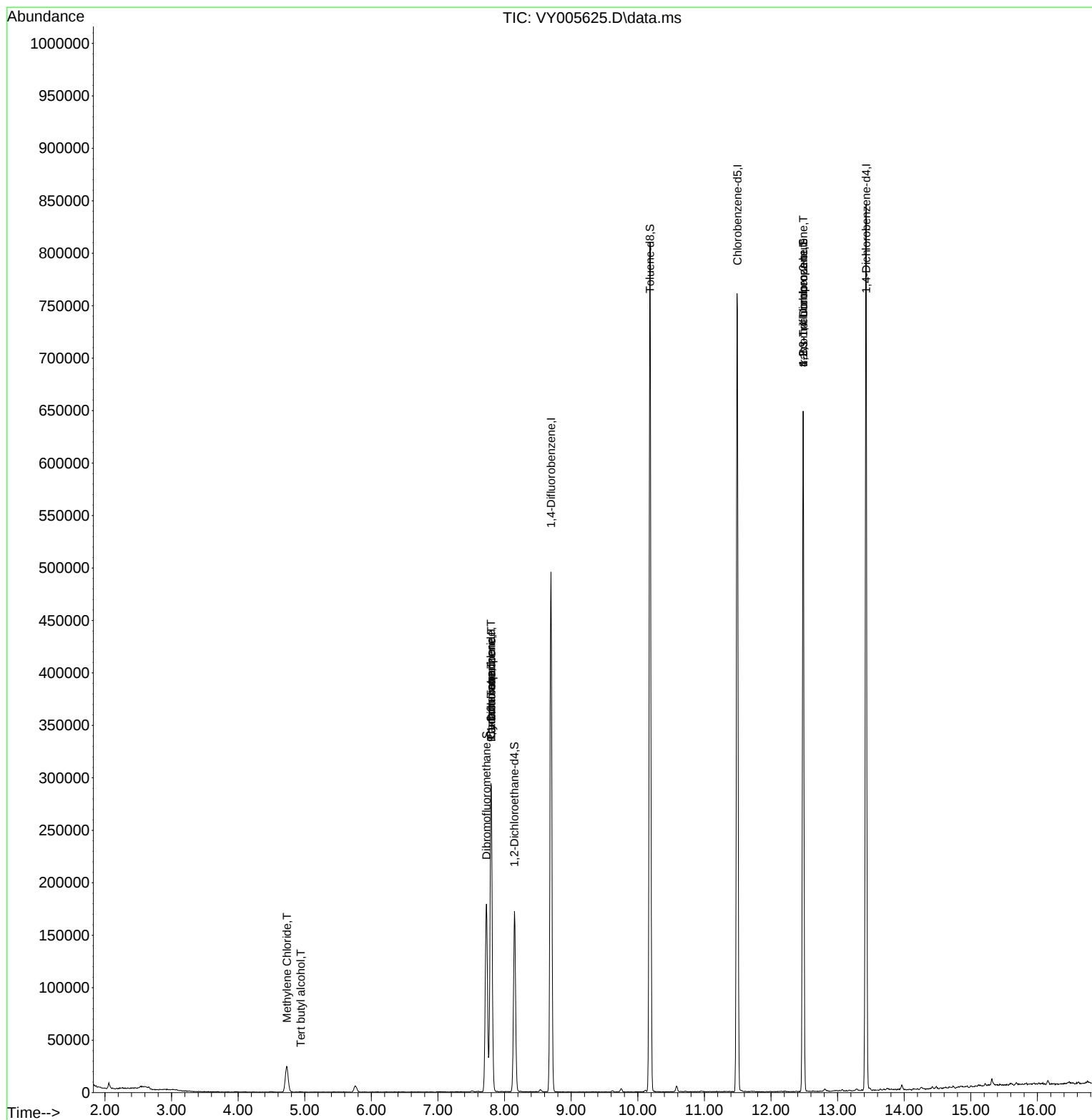
Internal Standards						
1) Pentafluorobenzene	7.801	168	243612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	415043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	414850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137640	55.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.640%	
35) Dibromofluoromethane	7.728	113	126115	54.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.540%	
50) Toluene-d8	10.185	98	530837	54.470	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.940%	
62) 4-Bromofluorobenzene	12.483	95	188466	58.399	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	425	1.743	ug/l #	73
20) Methylene Chloride	4.735	84	18379	1.586	ug/l #	92
31) Cyclohexane	7.795	56	4761	1.126	ug/l #	14
36) 1,1-Dichloropropene	7.801	75	17294	4.443	ug/l #	50
38) Carbon Tetrachloride	7.795	117	21613	5.108	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	101395	46.094	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	101395	92.919	ug/l #	11

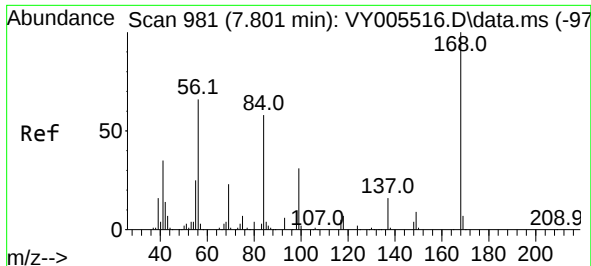
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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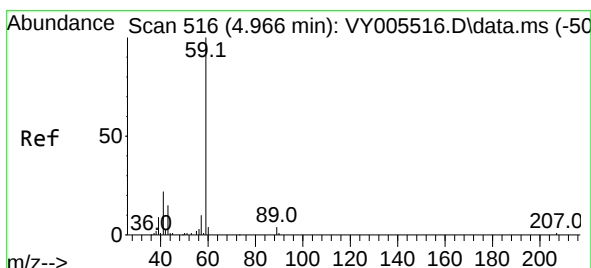
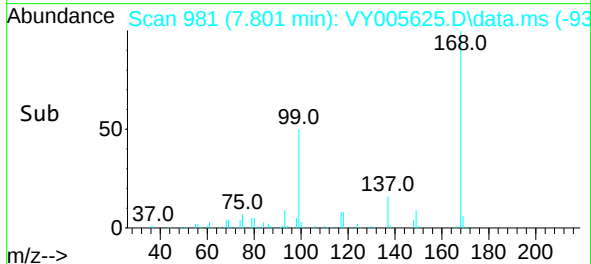
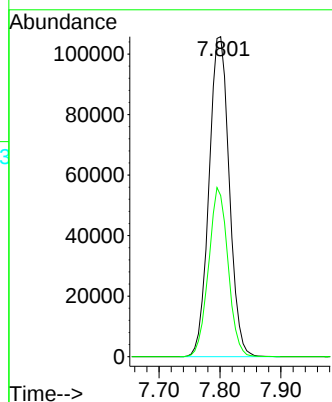
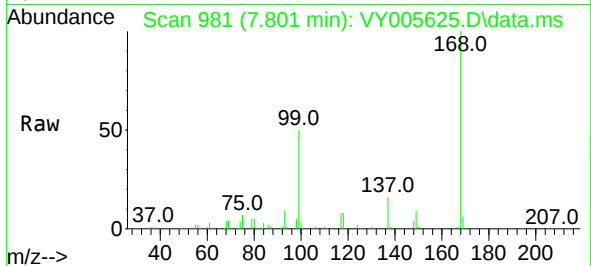




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

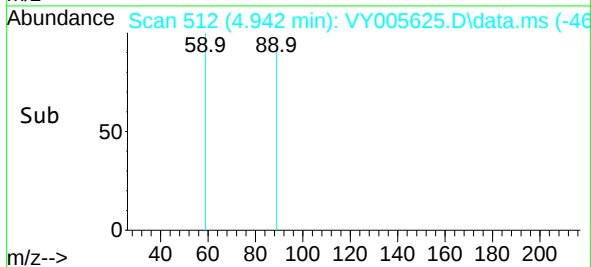
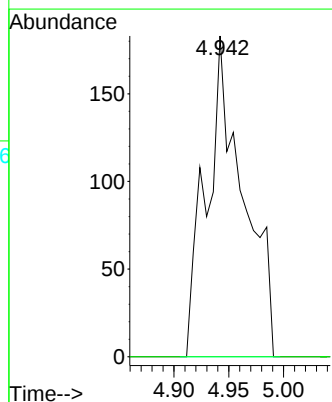
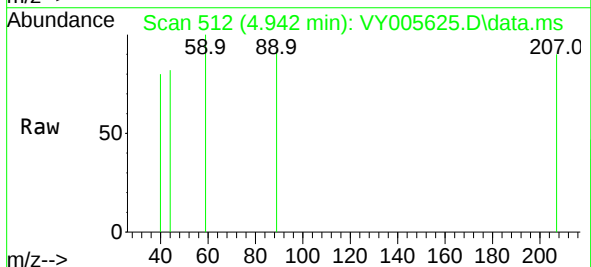
Instrument :
MSVOA_Y
ClientSampled :
VOC

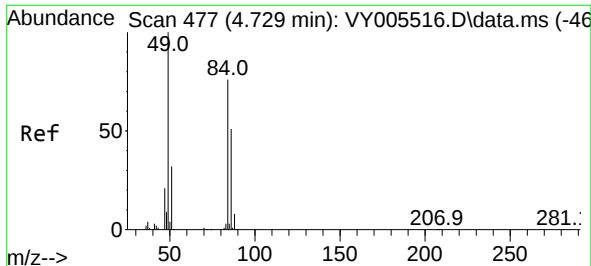
Tgt Ion:168 Resp: 243612
Ion Ratio Lower Upper
168 100
99 50.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.743 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

Tgt Ion: 59 Resp: 425
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



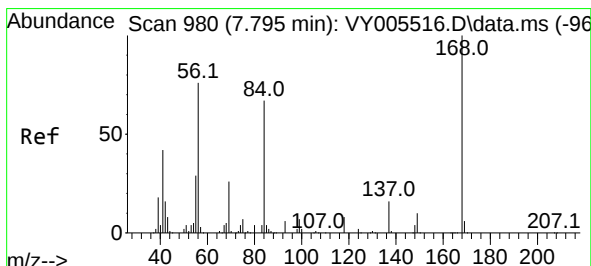
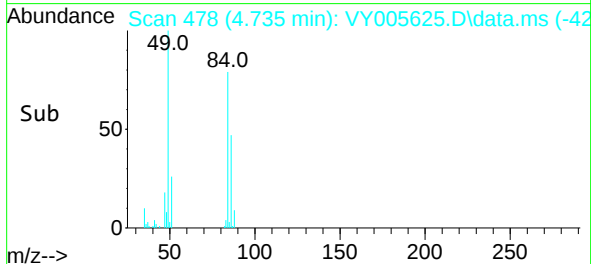
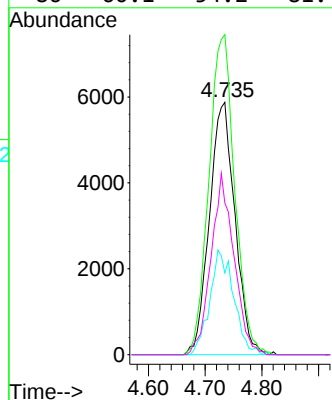
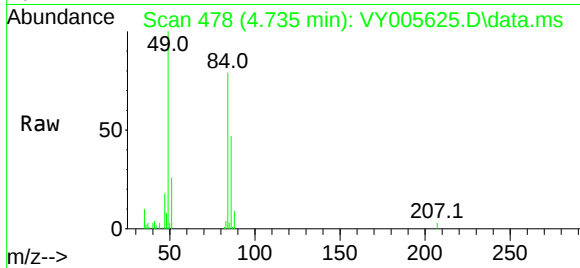


#20
Methylene Chloride
Concen: 1.586 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 84 Resp: 18379

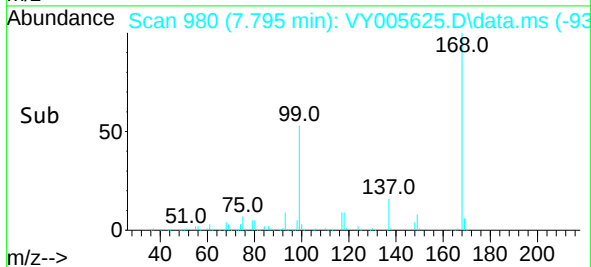
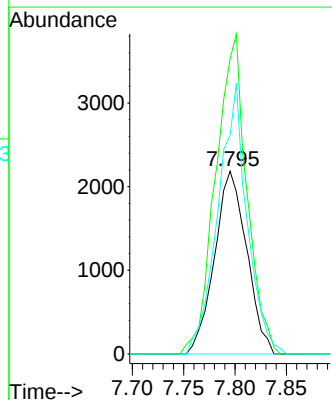
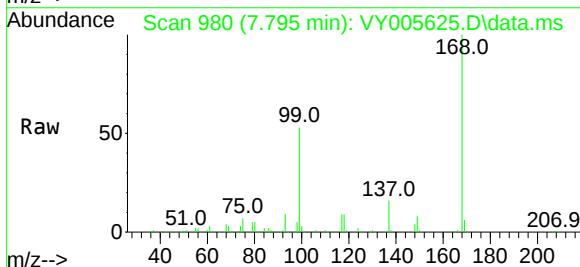
Ion	Ratio	Lower	Upper
84	100		
49	126.8	105.8	158.6
51	32.4	33.4	50.2#
86	60.1	54.2	81.4

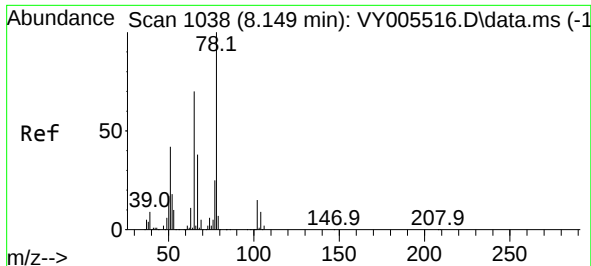


#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

Tgt Ion: 56 Resp: 4761

Ion	Ratio	Lower	Upper
56	100		
69	161.6	27.7	41.5#
84	119.6	70.9	106.3#

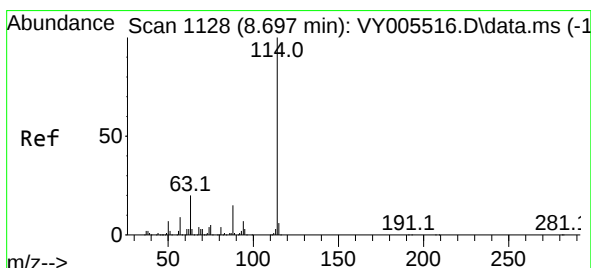
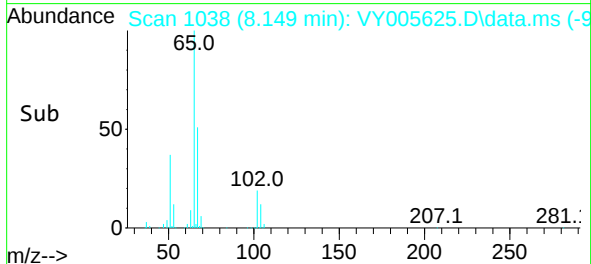
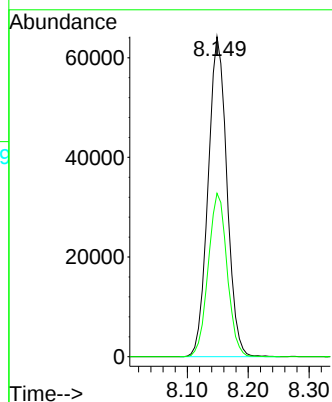
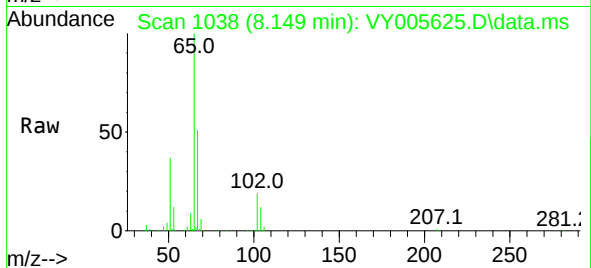




#33
1,2-Dichloroethane-d4
Concen: 55.816 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

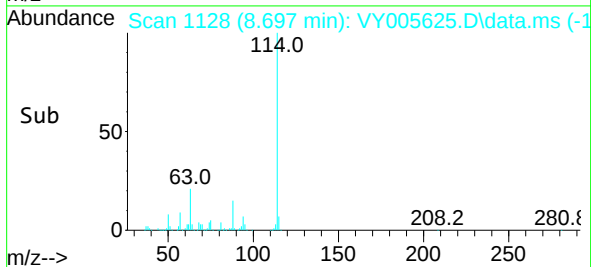
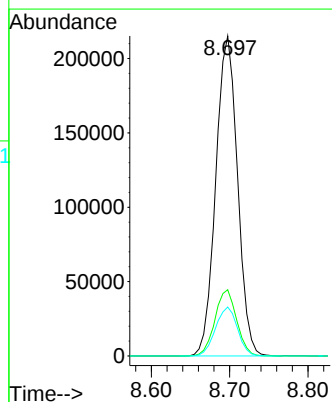
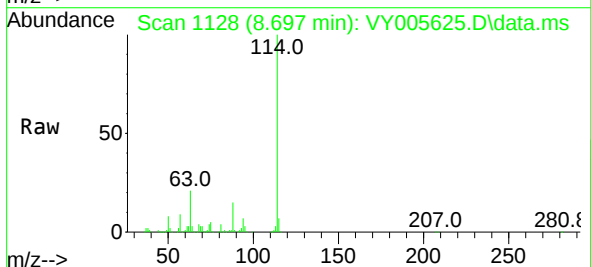
Instrument :
MSVOA_Y
ClientSampled :
VOC

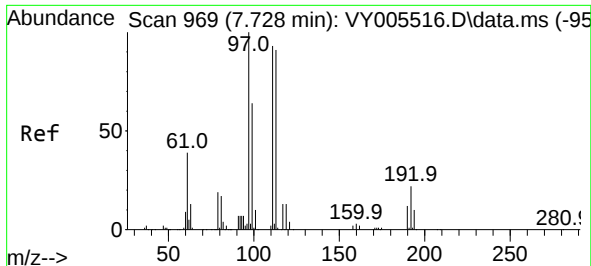
Tgt Ion: 65 Resp: 137640
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

Tgt Ion: 114 Resp: 415043
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.2
88 15.3 0.0 30.8

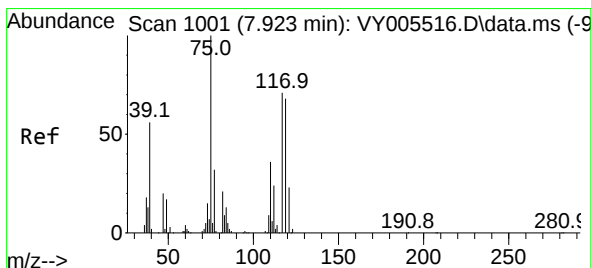
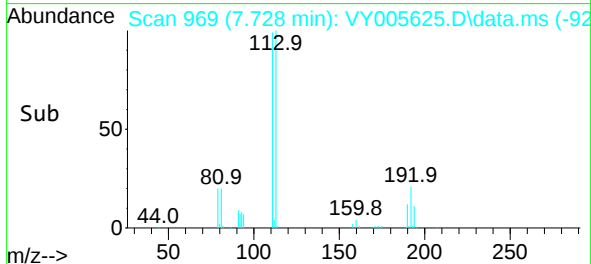
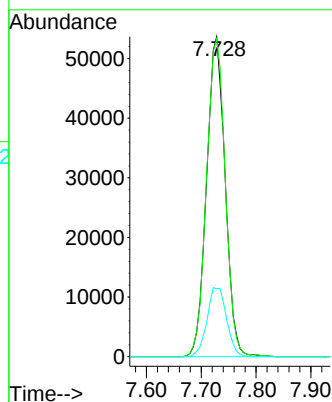
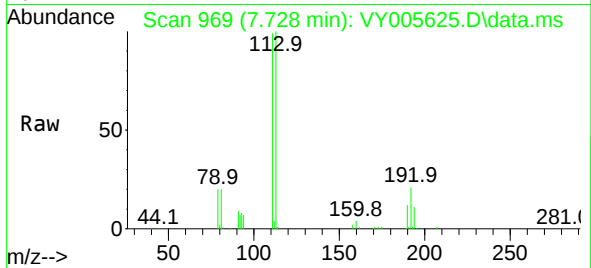




#35
Dibromofluoromethane
Concen: 54.273 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

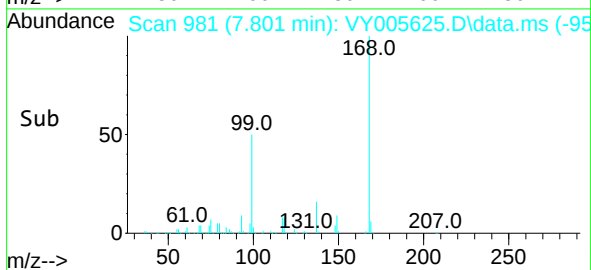
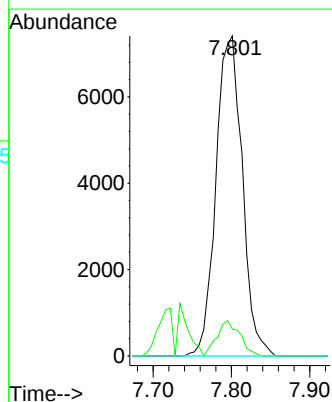
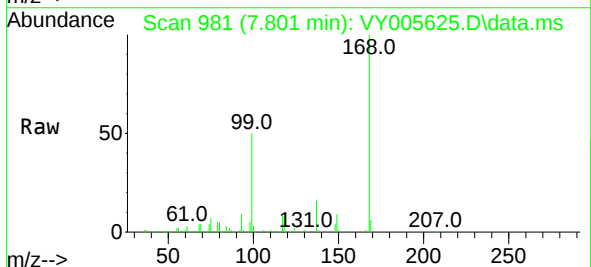
Instrument :
MSVOA_Y
ClientSampleId :
VOC

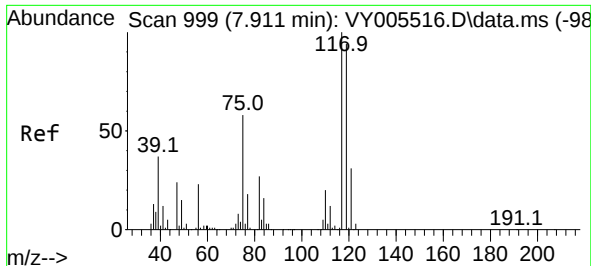
Tgt Ion:113 Resp: 126115
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 22.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.443 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

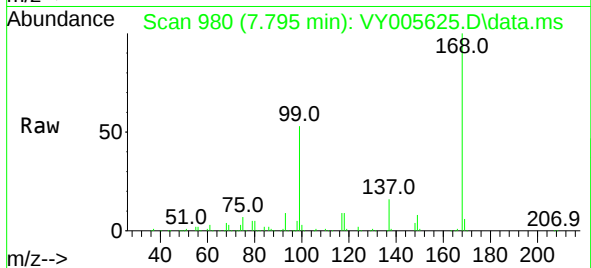
Tgt Ion: 75 Resp: 17294
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#



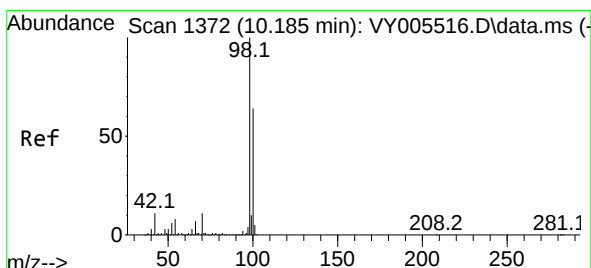
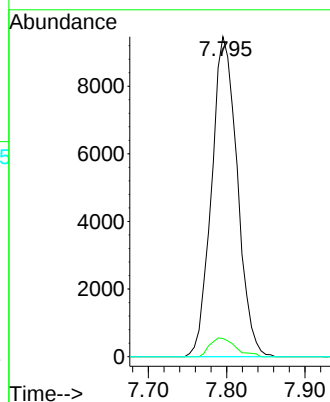
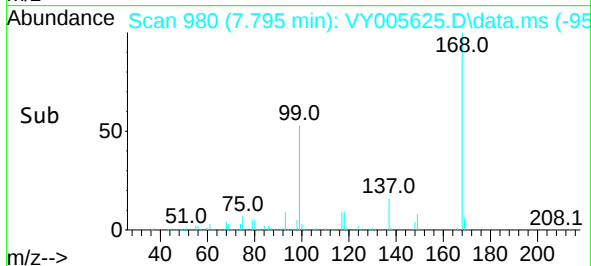


#38
Carbon Tetrachloride
Concen: 5.108 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

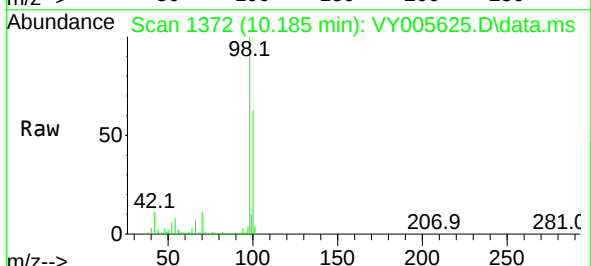
Instrument :
MSVOA_Y
ClientSampleId :
VOC



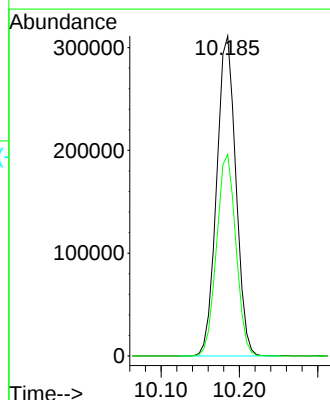
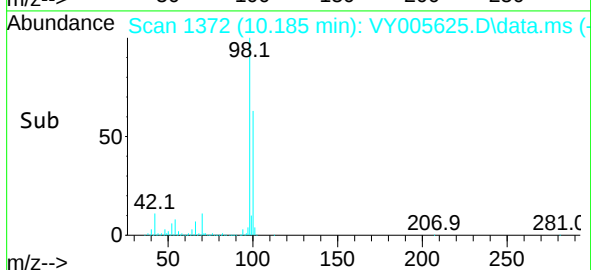
Tgt Ion:117 Resp: 21613
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.0#
121 0.0 25.1 37.7#

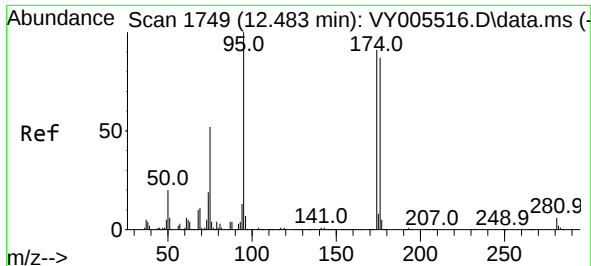


#50
Toluene-d8
Concen: 54.470 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15



Tgt Ion: 98 Resp: 530837
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

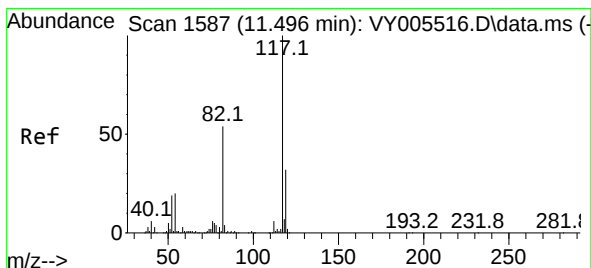
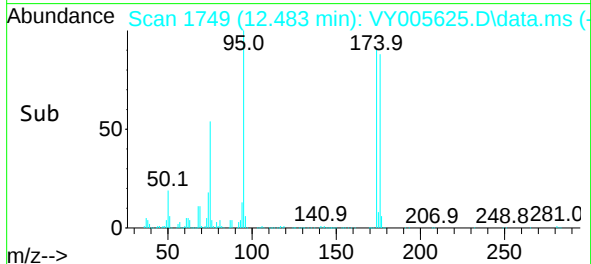
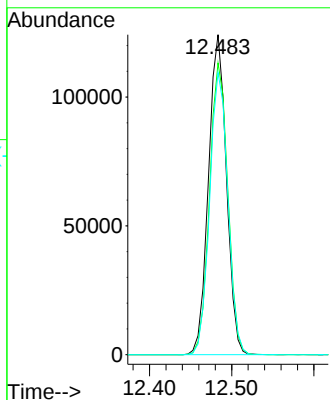
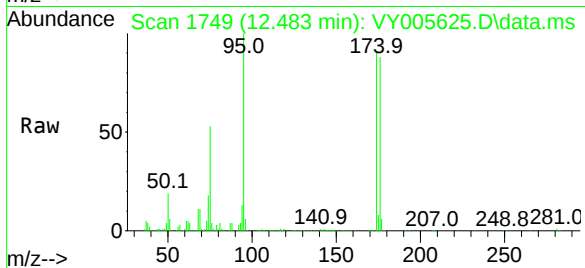




#62
4-Bromofluorobenzene
Concen: 58.399 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

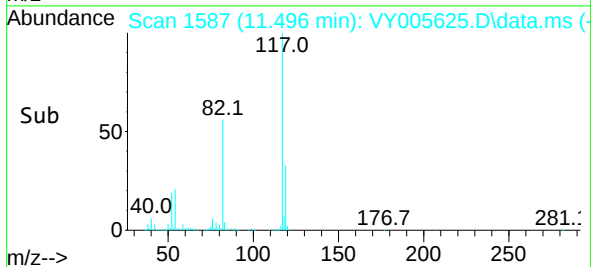
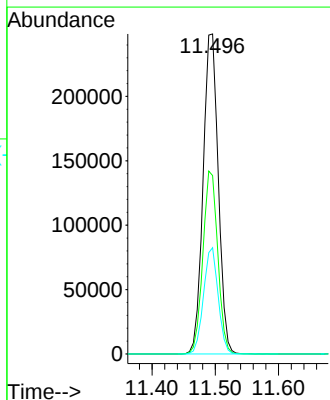
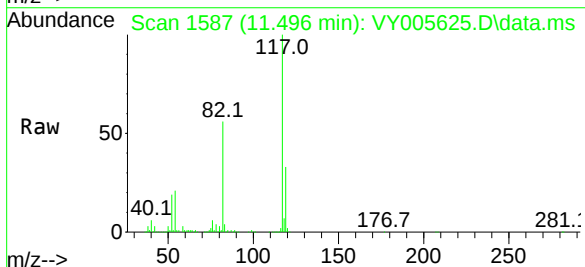
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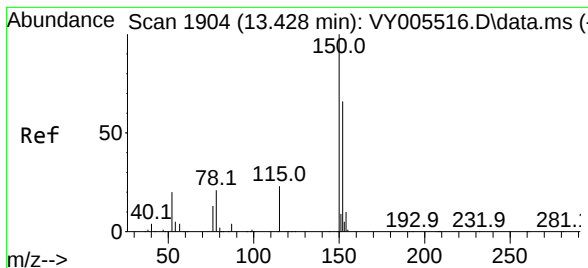
Tgt Ion: 95 Resp: 188466
Ion Ratio Lower Upper
95 100
174 92.9 0.0 191.4
176 89.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

Tgt Ion: 117 Resp: 414850
Ion Ratio Lower Upper
117 100
82 55.7 43.5 65.3
119 33.2 25.5 38.3

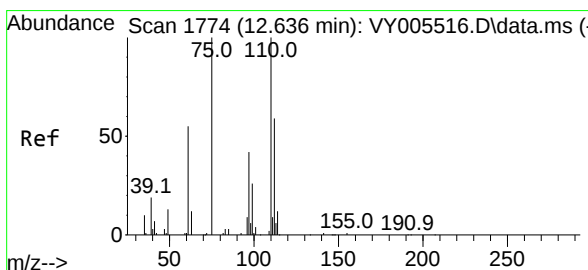
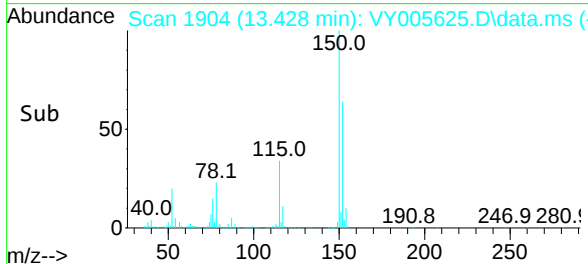
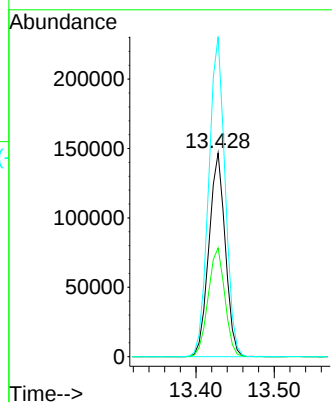
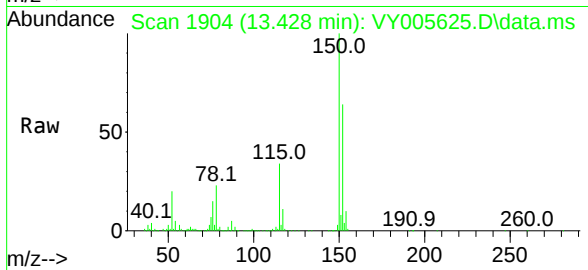




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

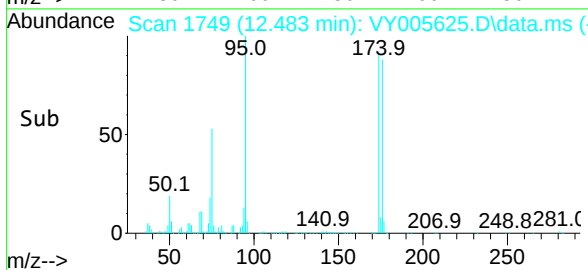
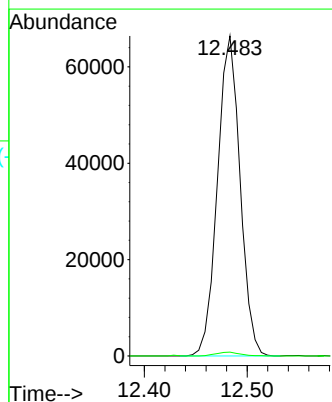
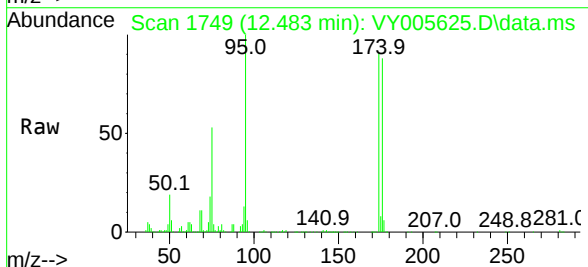
Instrument :
MSVOA_Y
ClientSampleId :
VOC

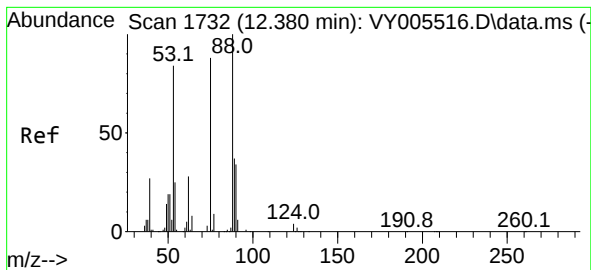
Tgt Ion:152 Resp: 212272
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 157.5 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 46.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005625.D
Acq: 12 Aug 2021 16:15

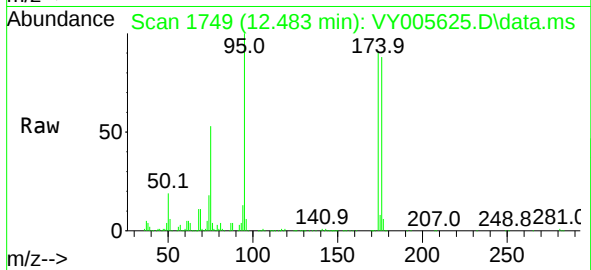
Tgt Ion: 75 Resp: 101395
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.919 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005625.D
 Acq: 12 Aug 2021 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC



Tgt Ion: 75 Resp: 101395
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

