

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005398.D
 Acq On : 09 Jul 2021 14:33
 Operator : SY/MD
 Sample : VY0709SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 10 07:58:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 10 07:49:54 2021
 Response via : Initial Calibration

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

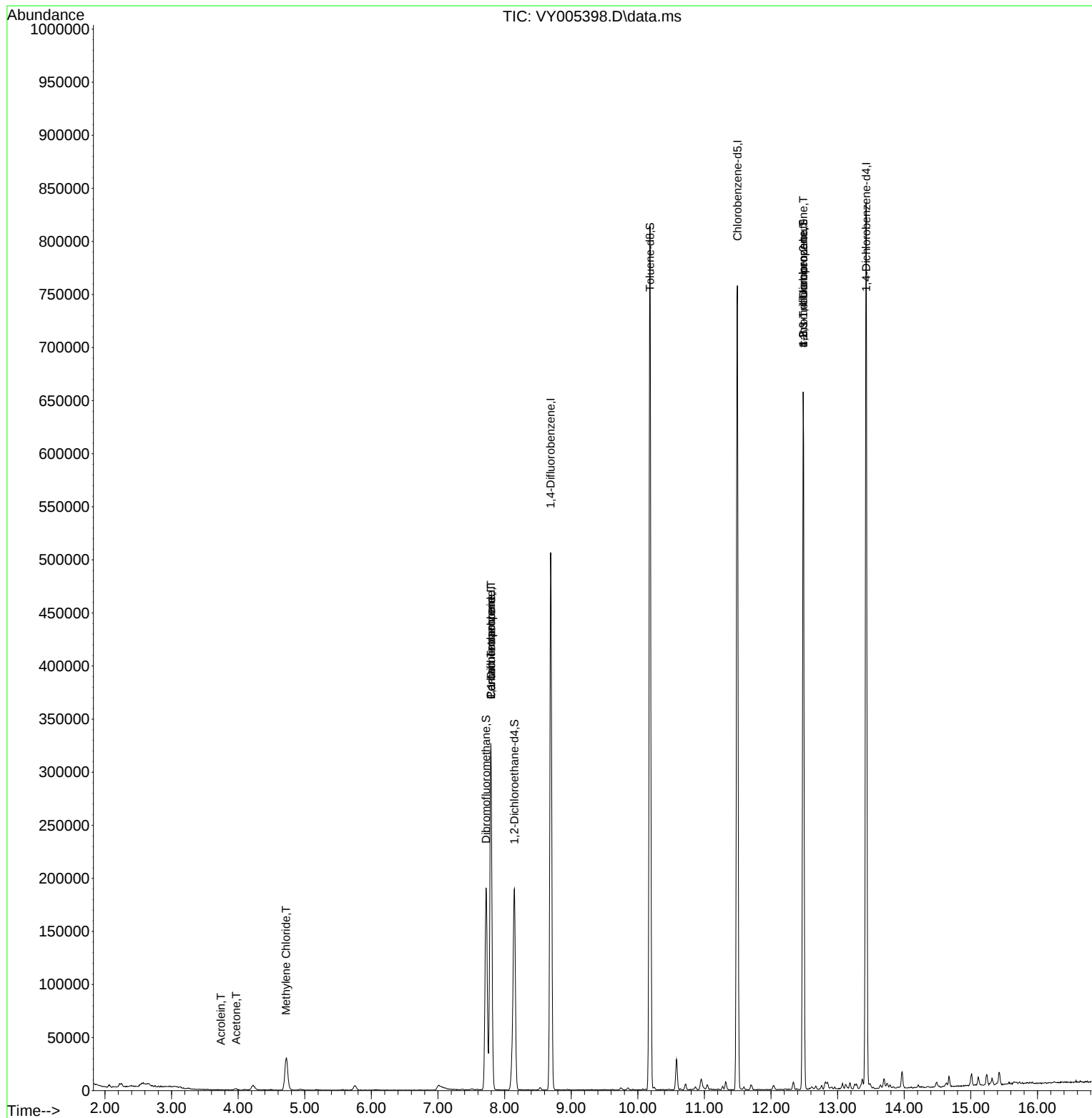
Internal Standards						
1) Pentafluorobenzene	7.795	168	280022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	455220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	447686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	144073	54.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.840%	
35) Dibromofluoromethane	7.722	113	133264	49.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.760%	
50) Toluene-d8	10.185	98	556200	48.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.820%	
62) 4-Bromofluorobenzene	12.483	95	194361	50.701	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	581	Below Cal	#	74
13) Acrolein	3.741	56	316	1.608	ug/l #	32
16) Acetone	3.973	43	2466	4.390	ug/l	95
20) Methylene Chloride	4.716	84	25843	2.100	ug/l	94
36) 1,1-Dichloropropene	7.795	75	17731	3.990	ug/l #	49
38) Carbon Tetrachloride	7.795	117	24169	4.865	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	96690	43.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	96690	80.626	ug/l #	16

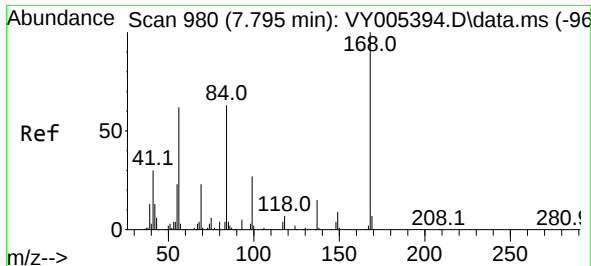
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_Y
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Quant Time: Jul 10 07:58:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
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Response via : Initial Calibration

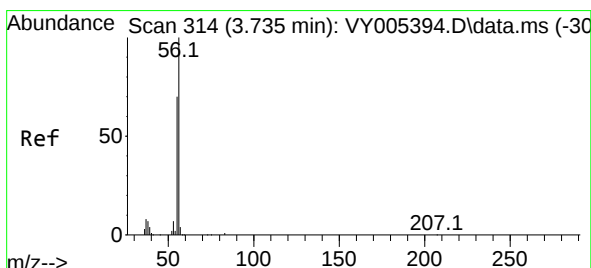
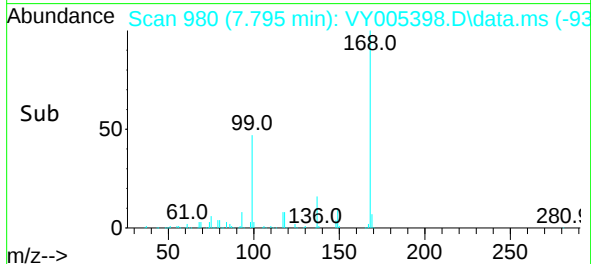
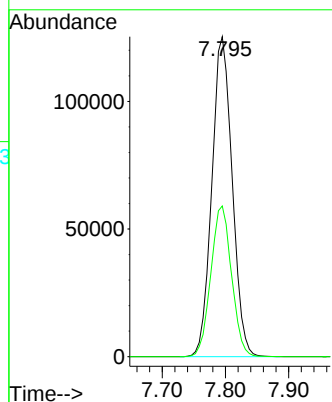
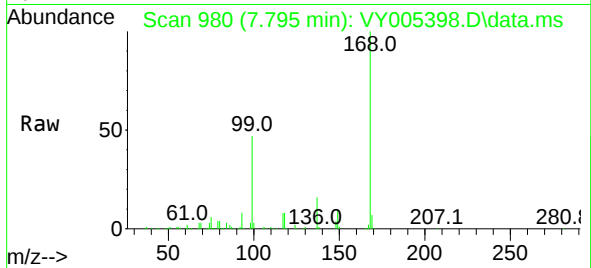




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

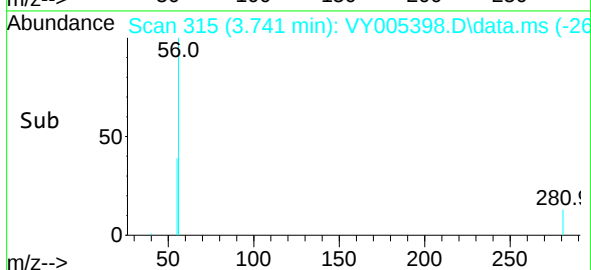
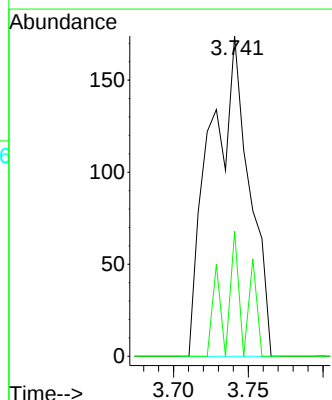
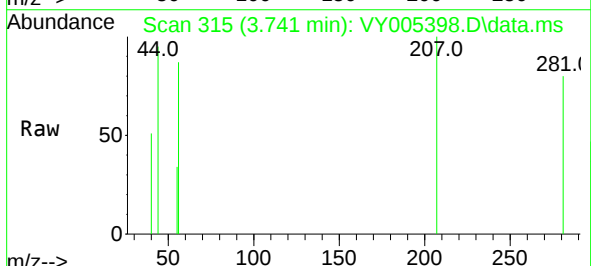
Instrument :
MSVOA_Y
ClientSampled :

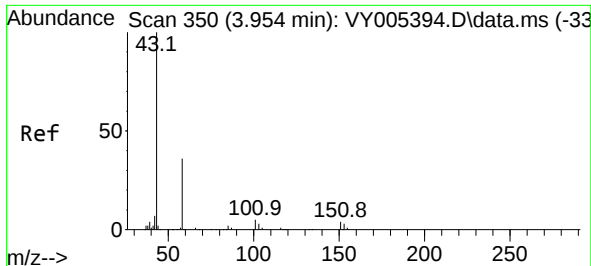
Tgt Ion:168 Resp: 280022
Ion Ratio Lower Upper
168 100
99 47.1 37.4 56.2



#13
Acrolein
Concen: 1.608 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion: 56 Resp: 316
Ion Ratio Lower Upper
56 100
55 13.9 55.9 83.9#

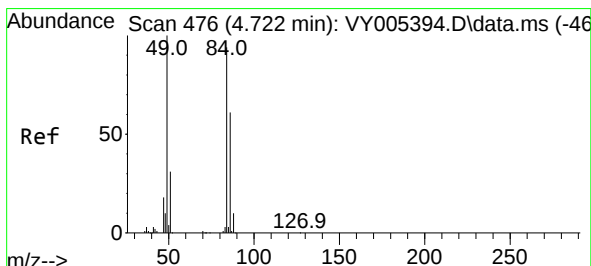
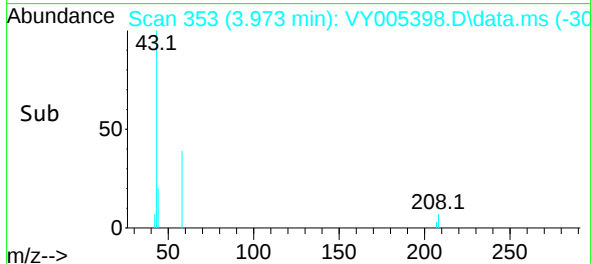
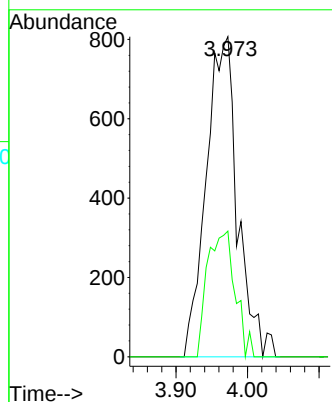
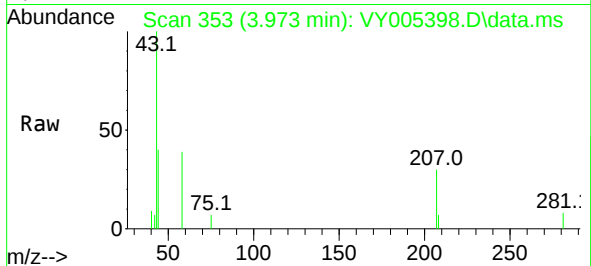




#16
Acetone
Concen: 4.390 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

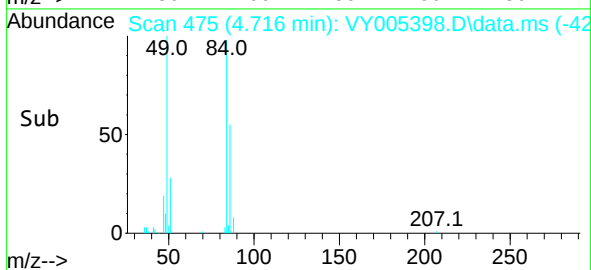
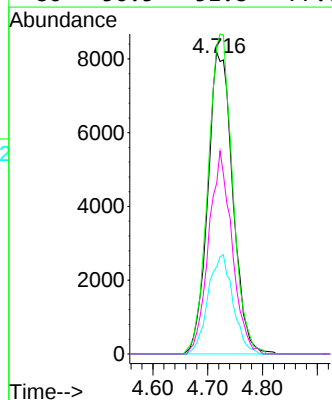
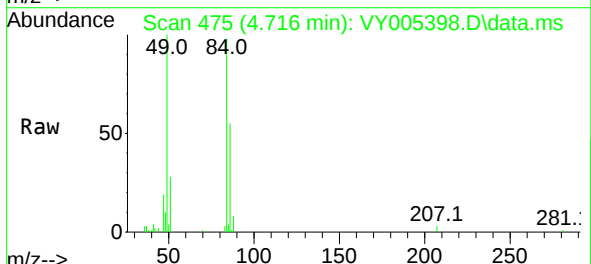
Instrument :
MSVOA_Y
ClientSampled :

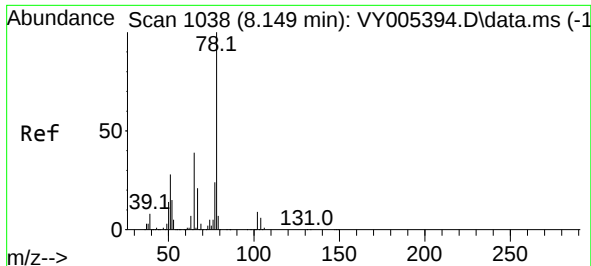
Tgt Ion: 43 Resp: 2466
Ion Ratio Lower Upper
43 100
58 39.3 28.9 43.3



#20
Methylene Chloride
Concen: 2.100 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion: 84 Resp: 25843
Ion Ratio Lower Upper
84 100
49 101.9 84.8 127.2
51 28.9 25.9 38.9
86 56.5 51.8 77.6

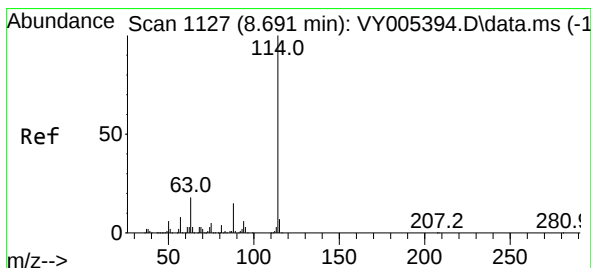
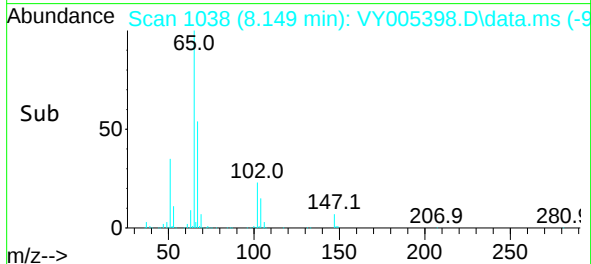
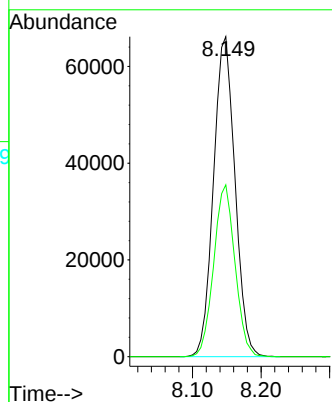
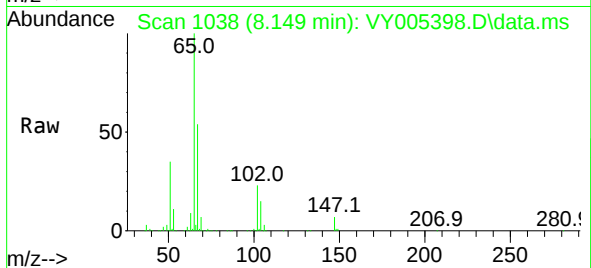




#33
1,2-Dichloroethane-d4
Concen: 54.918 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

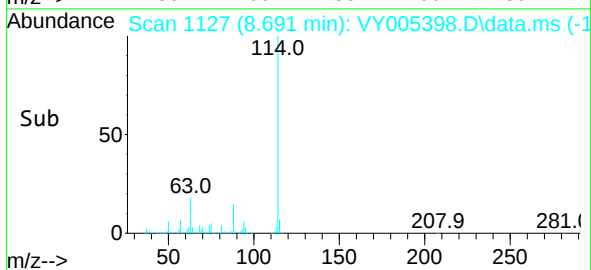
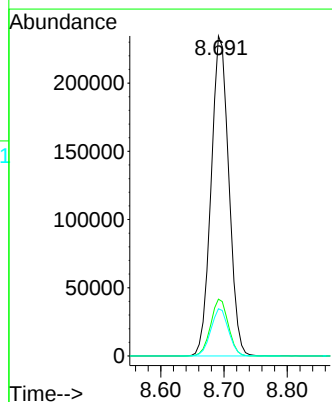
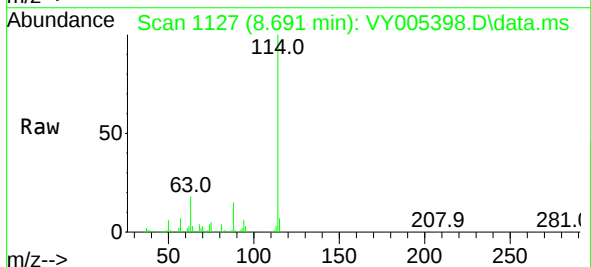
Instrument :
MSVOA_Y
ClientSampled :

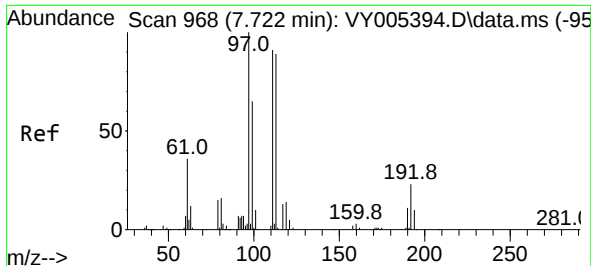
Tgt Ion: 65 Resp: 144073
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion:114 Resp: 455220
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.7 0.0 29.4

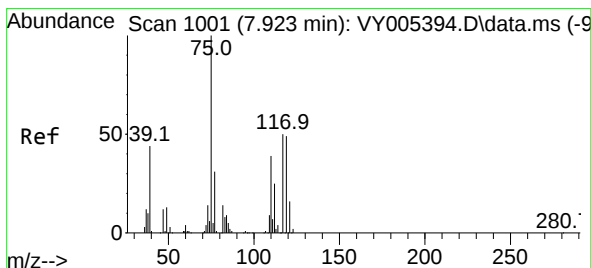
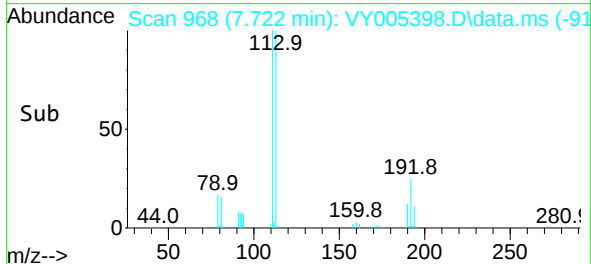
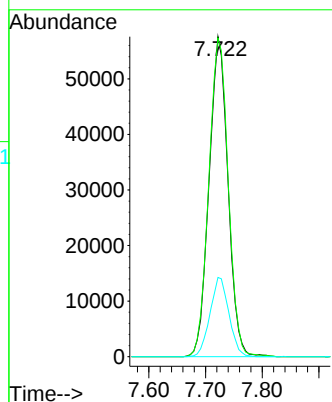
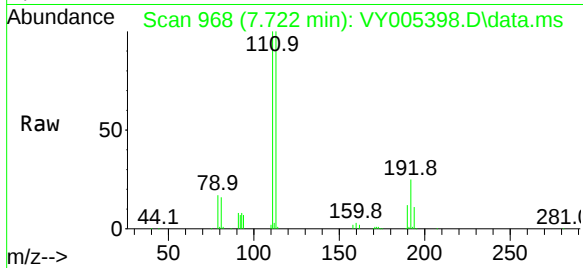




#35
Dibromofluoromethane
Concen: 49.882 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

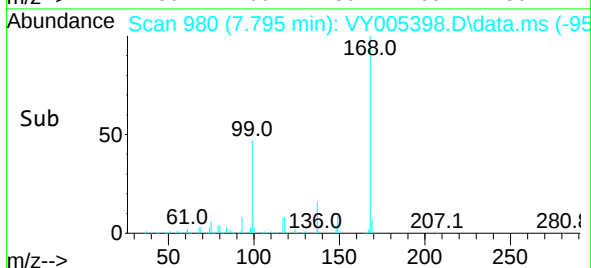
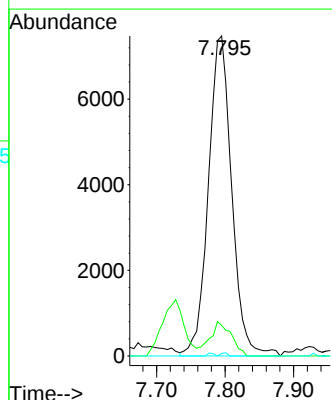
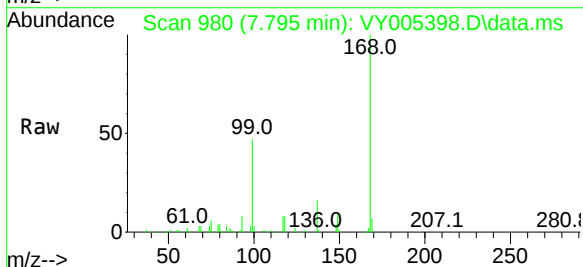
Instrument :
MSVOA_Y
ClientSampled :

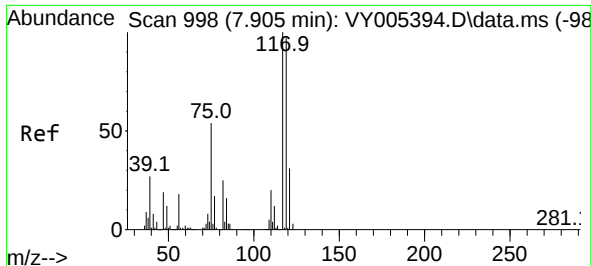
Tgt Ion:113 Resp: 133264
Ion Ratio Lower Upper
113 100
111 102.4 82.7 124.1
192 24.7 19.9 29.9



#36
1,1-Dichloropropene
Concen: 3.990 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion: 75 Resp: 17731
Ion Ratio Lower Upper
75 100
110 9.8 19.3 57.9#
77 0.3 24.7 37.1#

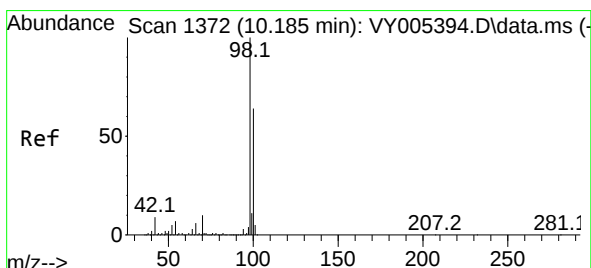
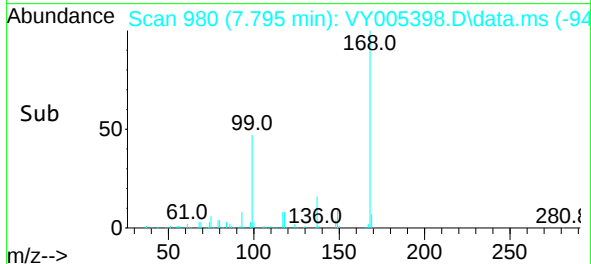
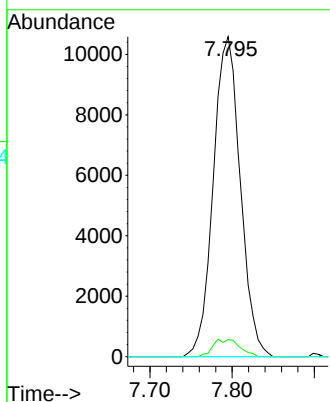
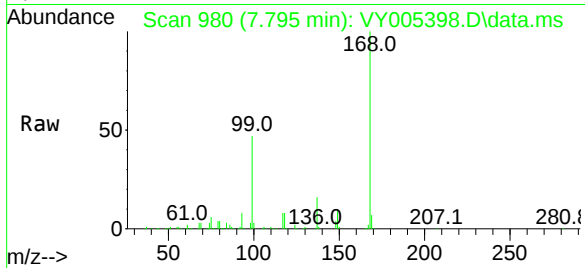




#38
Carbon Tetrachloride
Concen: 4.865 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

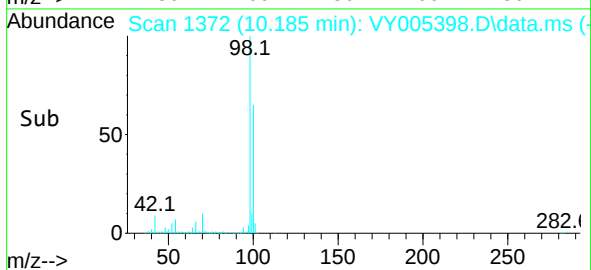
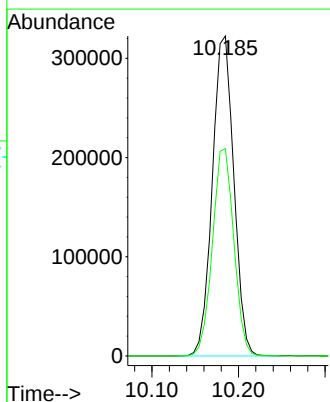
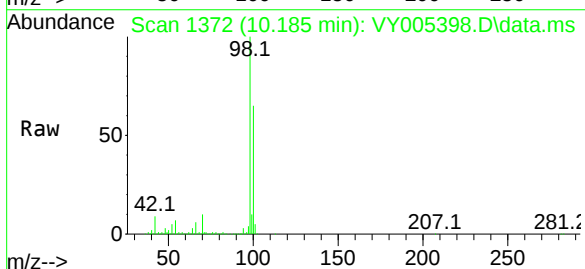
Instrument :
MSVOA_Y
ClientSampled :

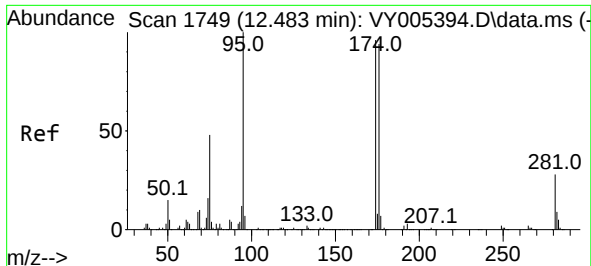
Tgt Ion:117 Resp: 24169
Ion Ratio Lower Upper
117 100
119 5.4 77.8 116.6#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.911 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion: 98 Resp: 556200
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

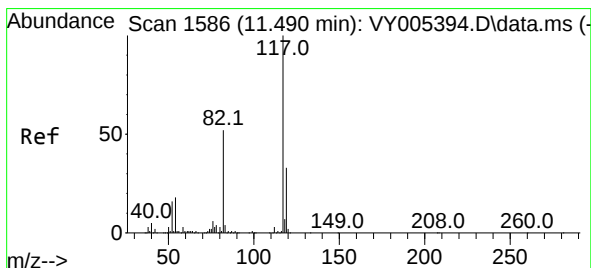
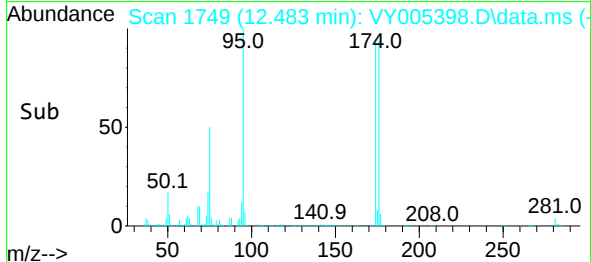
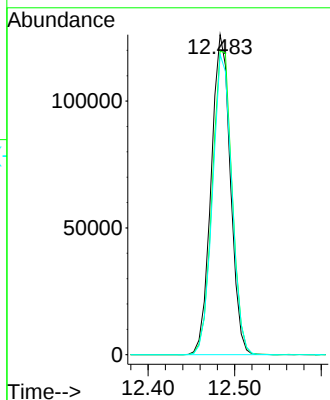
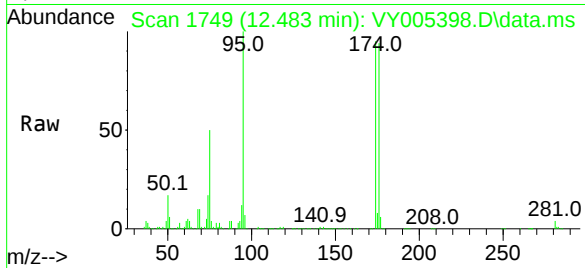




#62
4-Bromofluorobenzene
Concen: 50.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

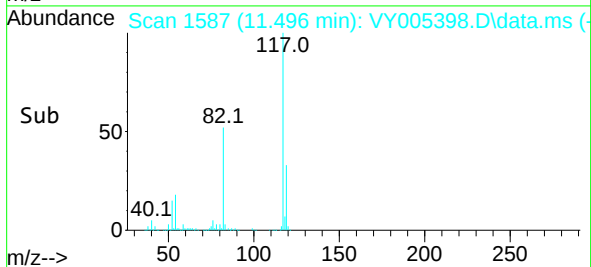
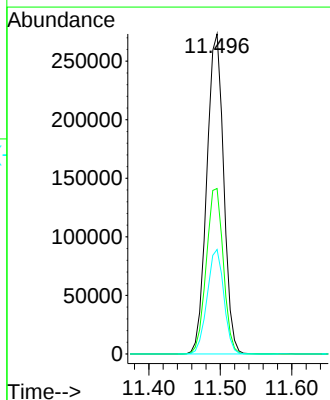
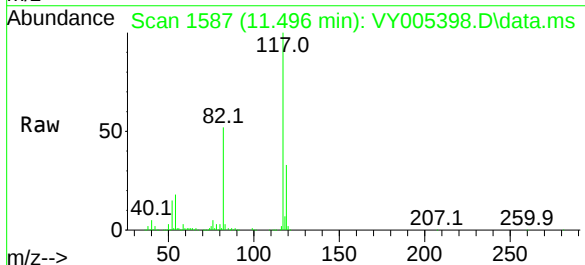
Instrument :
MSVOA_Y
ClientSampleId :

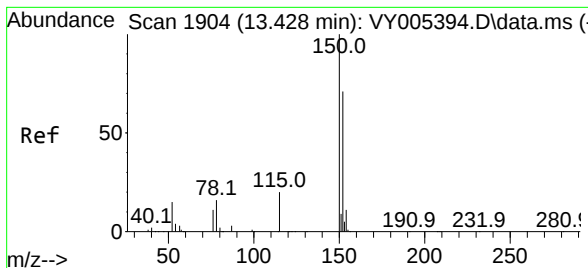
Tgt Ion: 95 Resp: 194361
Ion Ratio Lower Upper
95 100
174 97.3 0.0 196.2
176 93.8 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion: 117 Resp: 447686
Ion Ratio Lower Upper
117 100
82 51.7 41.6 62.4
119 32.6 26.1 39.1

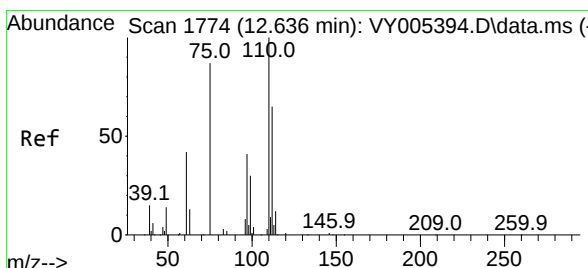
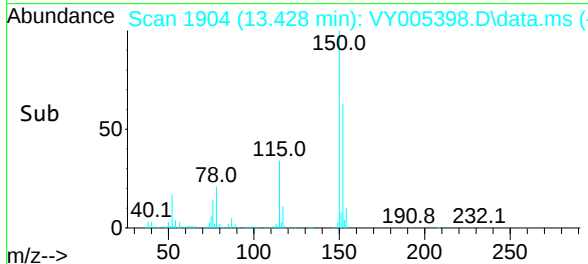
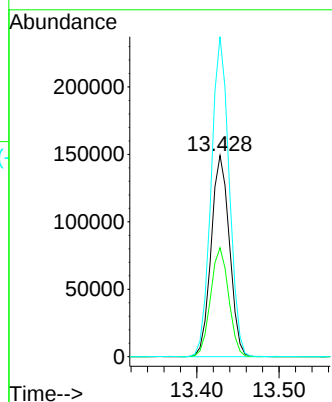
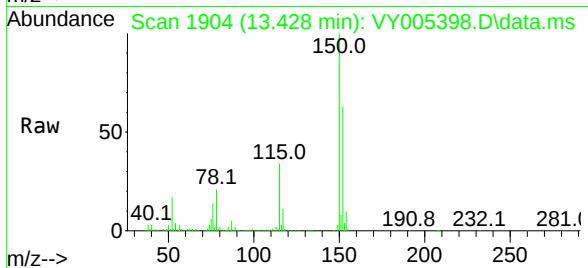




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005398.D
 Acq: 09 Jul 2021 14:33

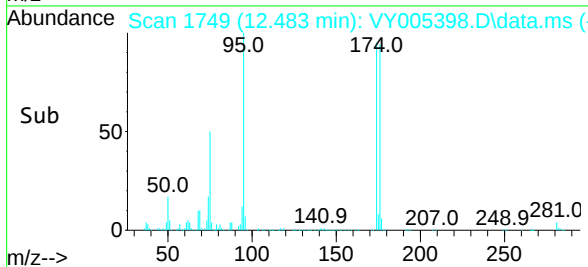
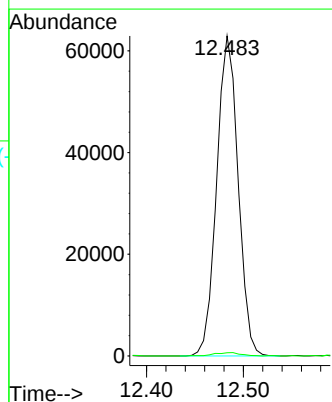
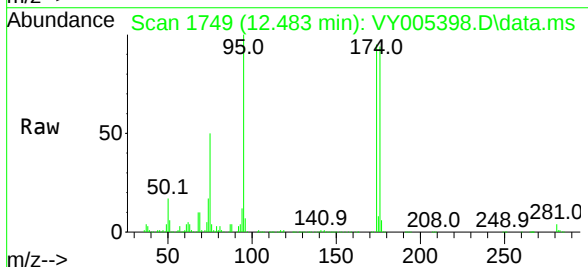
Instrument :
 MSVOA_Y
 ClientSampleId :

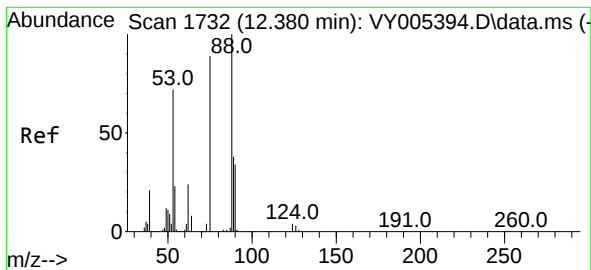
Tgt Ion:152 Resp: 230520
 Ion Ratio Lower Upper
 152 100
 115 53.5 26.8 80.3
 150 156.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 43.369 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005398.D
 Acq: 09 Jul 2021 14:33

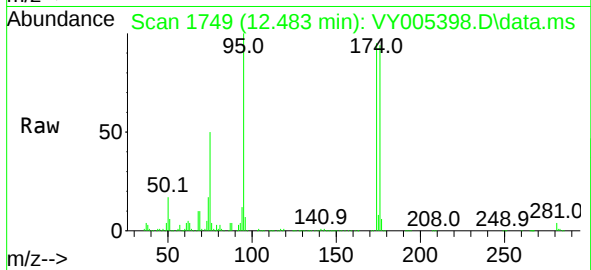
Tgt Ion: 75 Resp: 96690
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.626 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005398.D
 Acq: 09 Jul 2021 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.2	99.2#
89	0.1	37.2	55.8#

