

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005710.D
 Acq On : 17 Aug 2021 14:29
 Operator : SY/MD
 Sample : M3390-02
 Misc : 5.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:51:40 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)

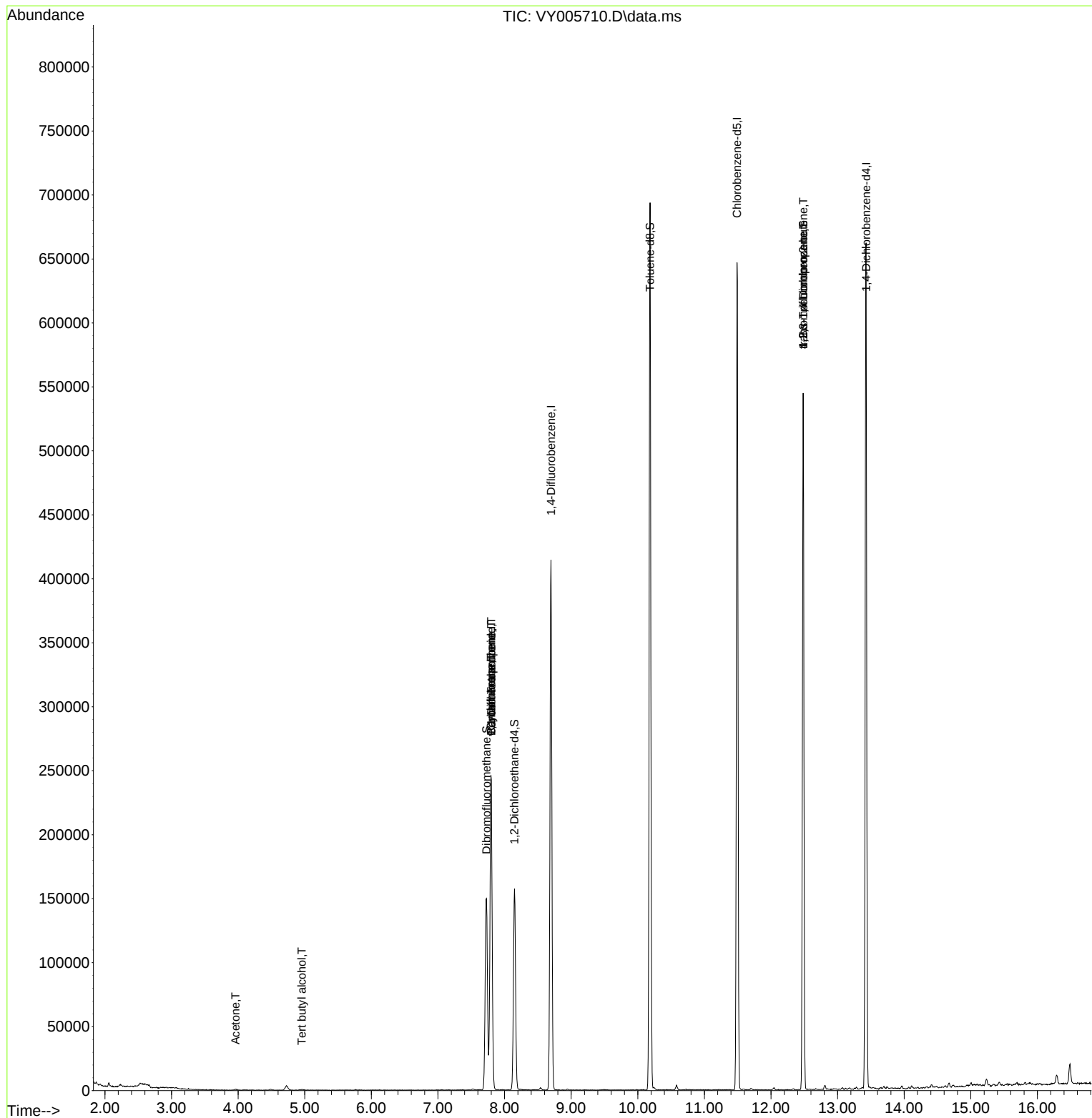
Internal Standards						
1) Pentafluorobenzene	7.801	168	200653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	349617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130231	64.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.240%	
35) Dibromofluoromethane	7.728	113	105064	54.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.320%	
50) Toluene-d8	10.185	98	443361	55.004	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.483	95	152063	56.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1046	5.209	ug/l #	73
16) Acetone	3.960	43	1109	2.166	ug/l	95
20) Methylene Chloride	4.729	84	2773	Below Cal		90
31) Cyclohexane	7.795	56	4005	1.150	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	14589	4.531	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17949	5.129	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	84239	47.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84239	94.859	ug/l #	11

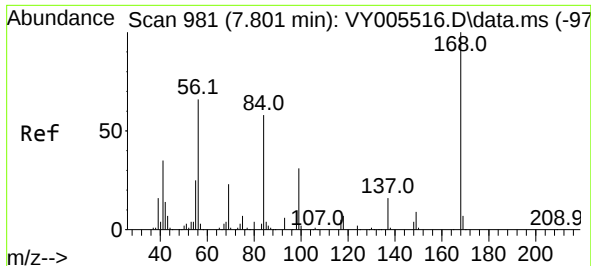
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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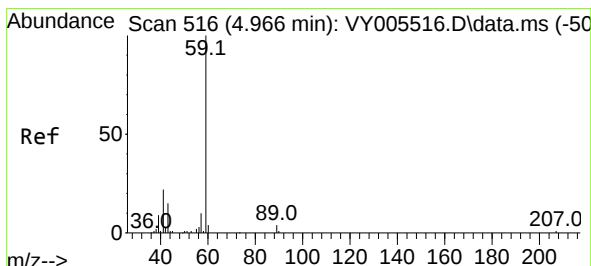
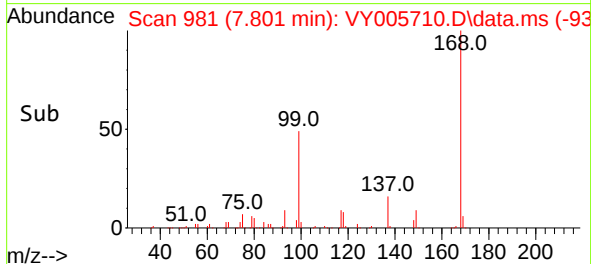
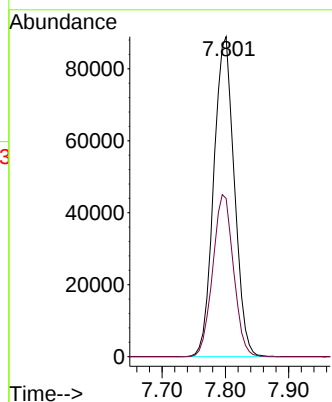
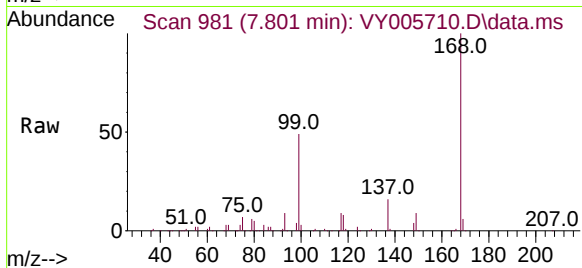




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

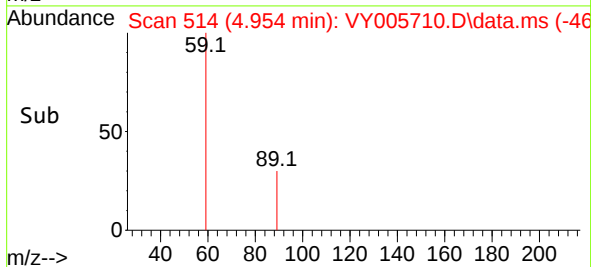
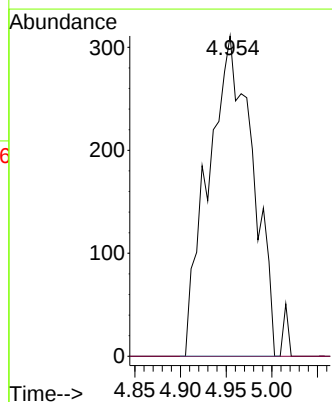
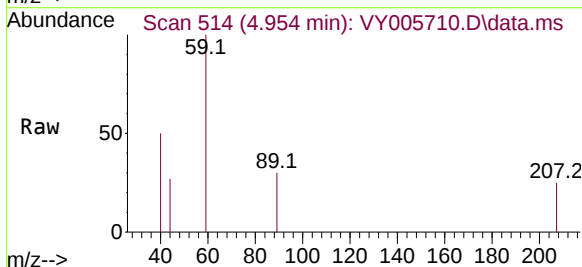
Instrument :
MSVOA_Y
ClientSampled :

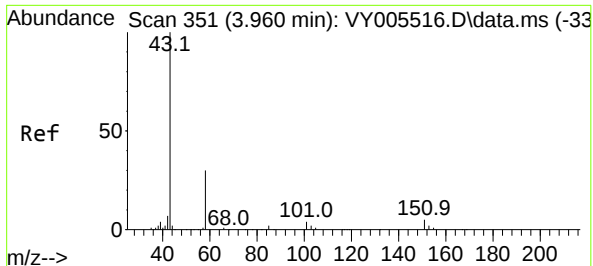
Tgt Ion:168 Resp: 200653
Ion Ratio Lower Upper
168 100
99 49.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 5.209 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

Tgt Ion: 59 Resp: 1046
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

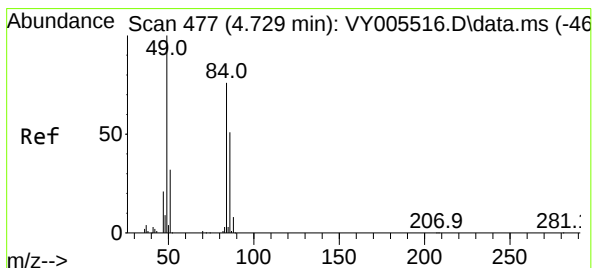
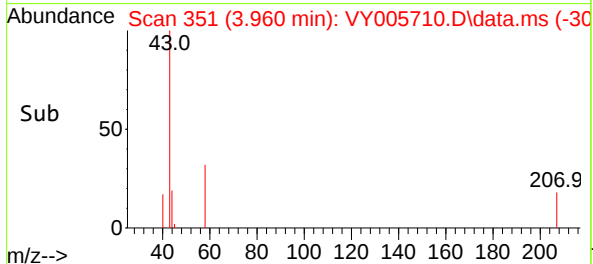
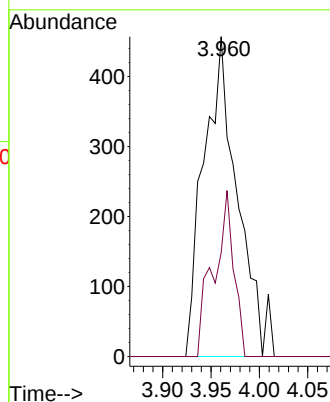
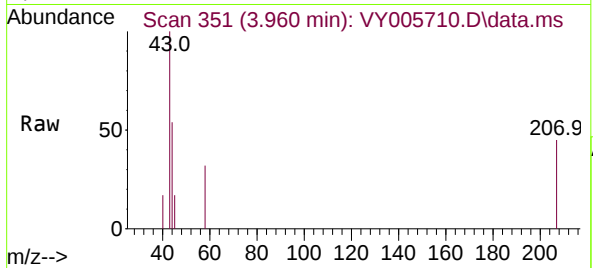




#16
Acetone
Concen: 2.166 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

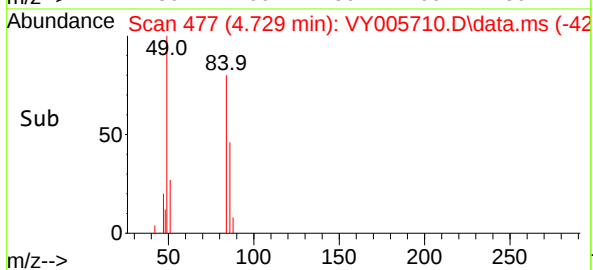
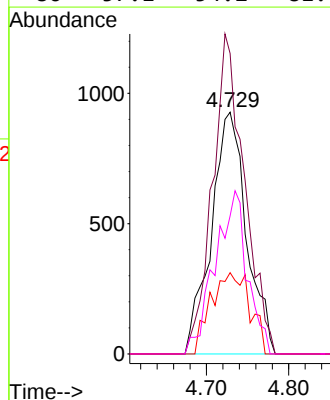
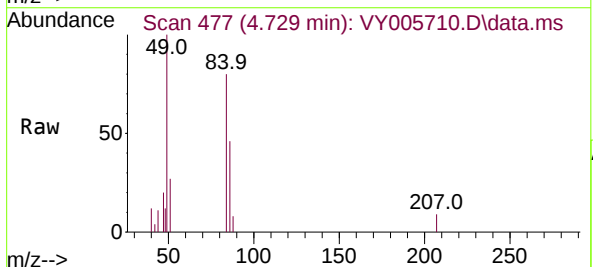
Instrument :
MSVOA_Y
ClientSampled :

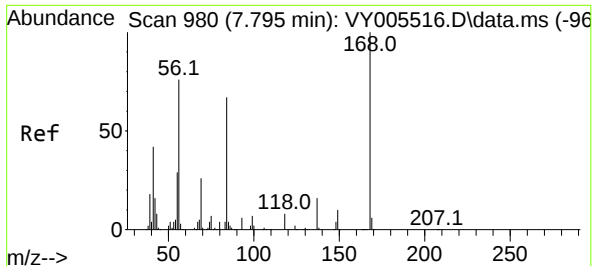
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 32.4 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

Tgt Ion: 84 Resp: 2773
Ion Ratio Lower Upper
84 100
49 124.2 105.8 158.6
51 33.6 33.4 50.2
86 57.1 54.2 81.4

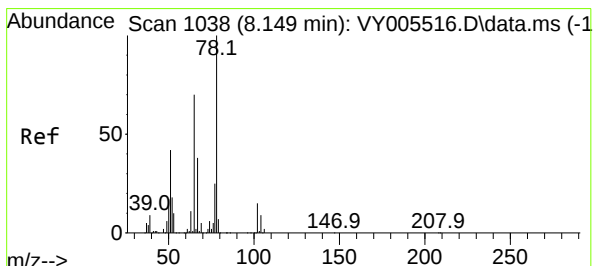
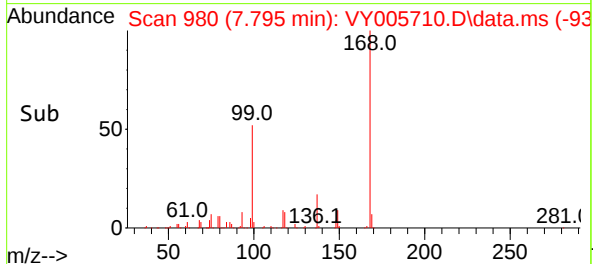
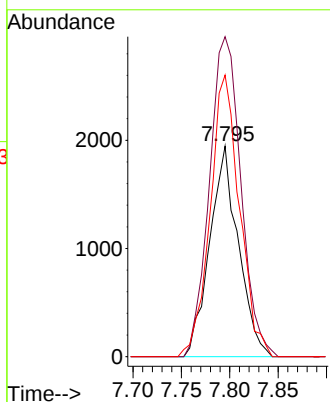
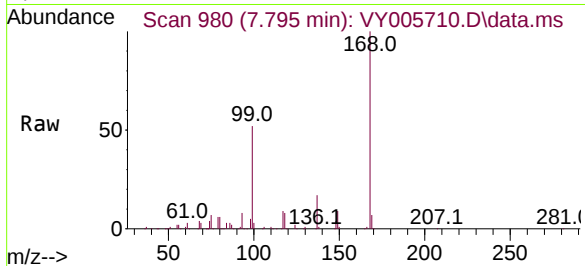




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

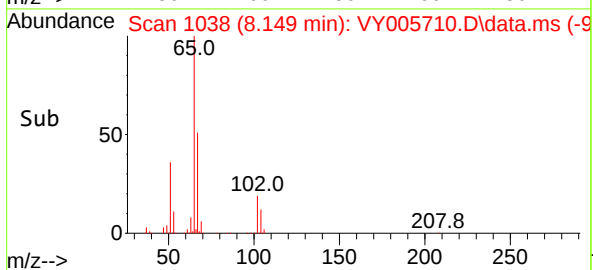
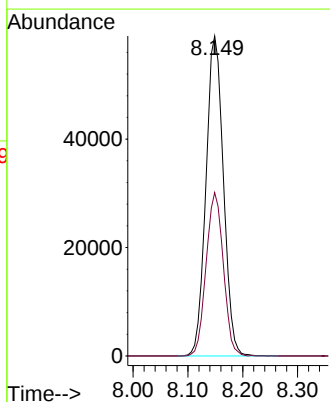
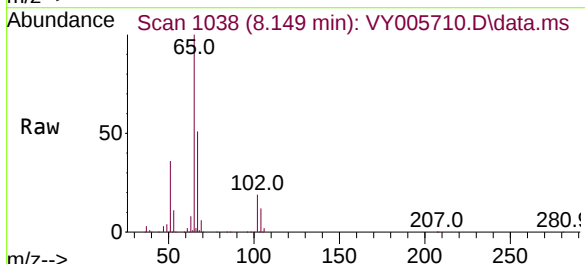
Instrument :
MSVOA_Y
ClientSampleId :

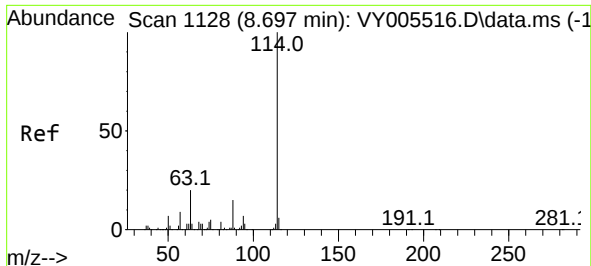
Tgt Ion: 56 Resp: 4005
Ion Ratio Lower Upper
56 100
69 152.0 27.7 41.5#
84 133.8 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 64.118 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

Tgt Ion: 65 Resp: 130231
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4

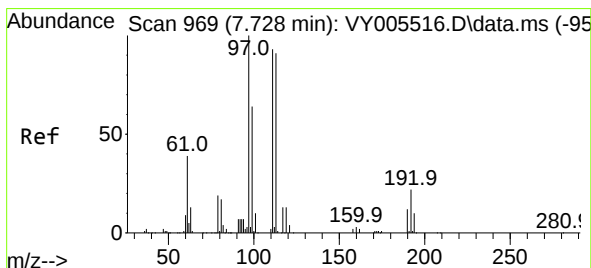
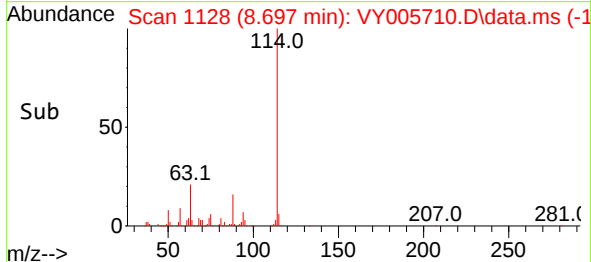
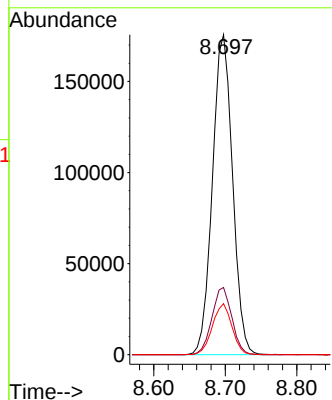
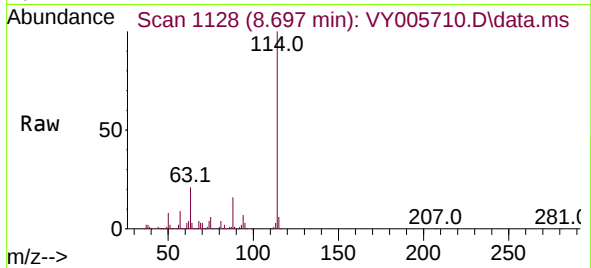




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

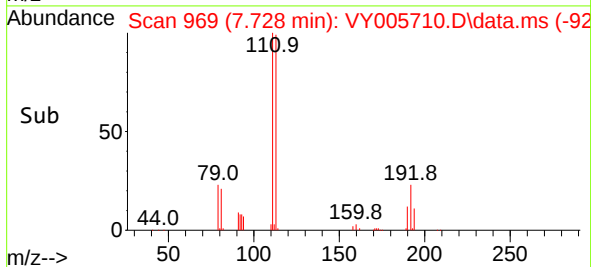
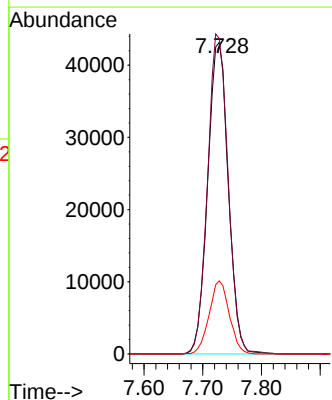
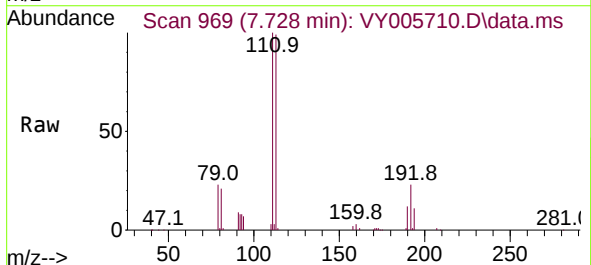
Instrument :
MSVOA_Y
ClientSampleId :

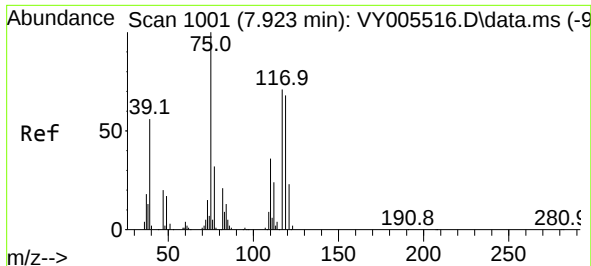
Tgt Ion:114 Resp: 343284
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 16.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.665 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

Tgt Ion:113 Resp: 105064
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 23.0 19.2 28.8

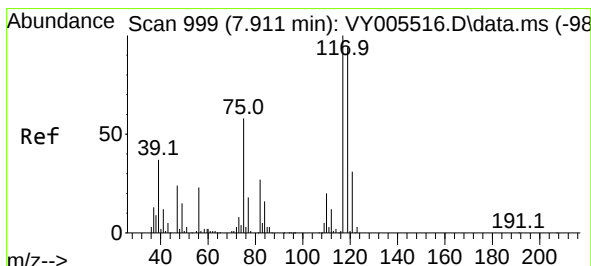
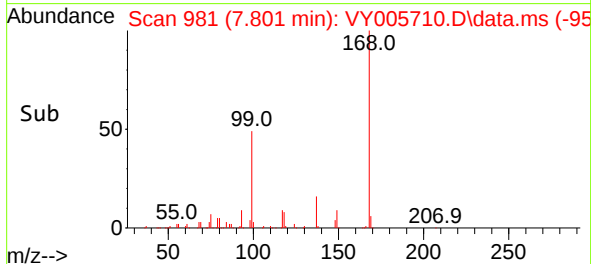
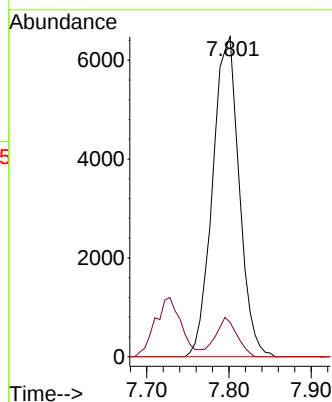
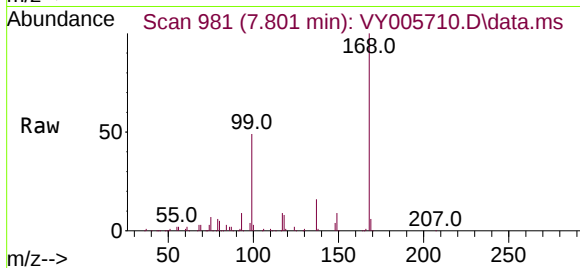




#36
 1,1-Dichloropropene
 Concen: 4.531 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY005710.D
 Acq: 17 Aug 2021 14:29

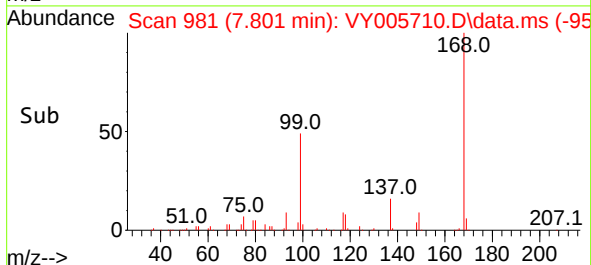
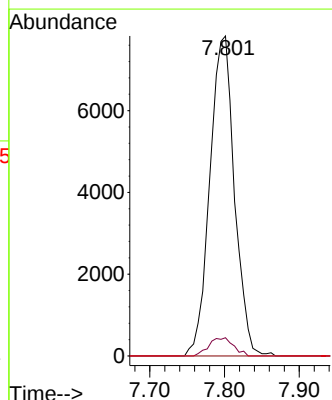
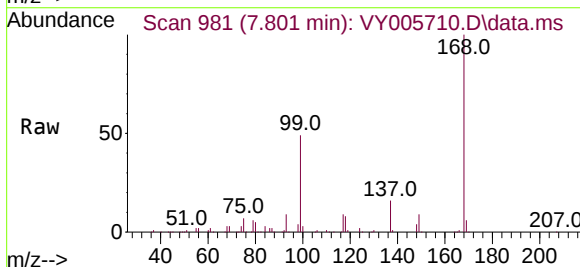
Instrument :
 MSVOA_Y
 ClientSampleId :

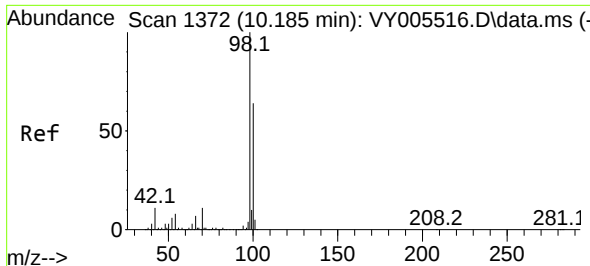
Tgt Ion: 75 Resp: 14589
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.1 54.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.129 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005710.D
 Acq: 17 Aug 2021 14:29

Tgt Ion: 117 Resp: 17949
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.4 113.0#
 121 0.0 25.1 37.7#

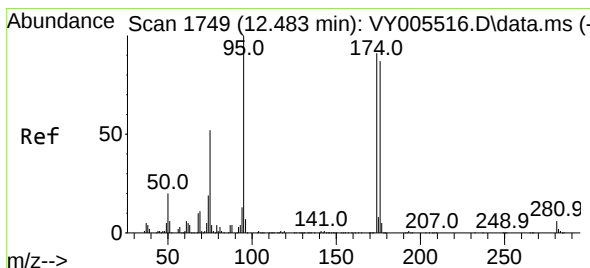
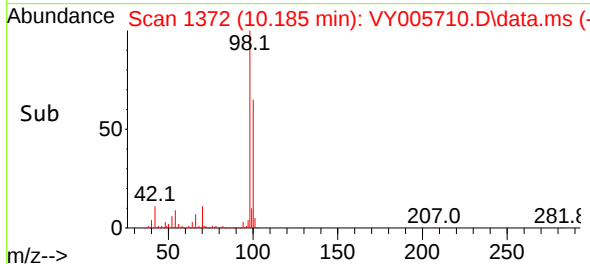
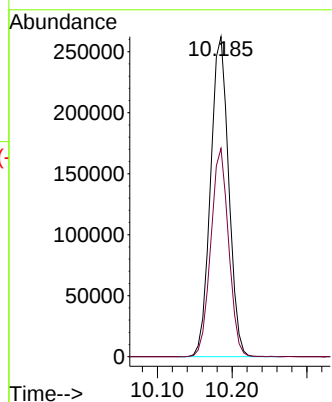
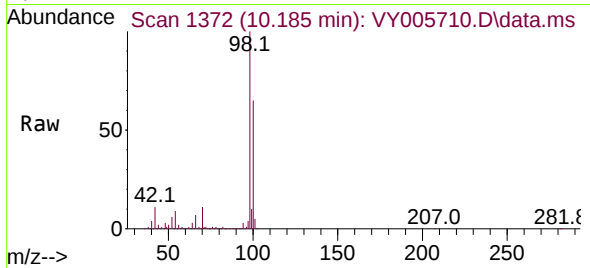




#50
Toluene-d8
Concen: 55.004 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

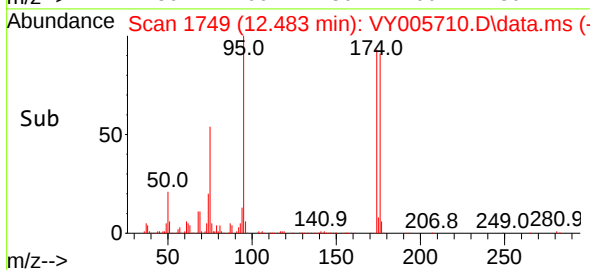
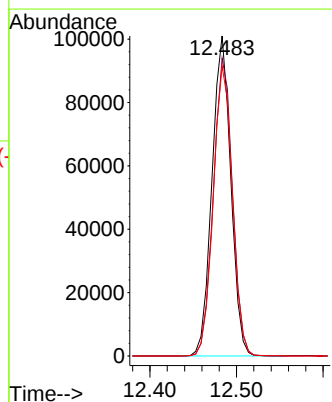
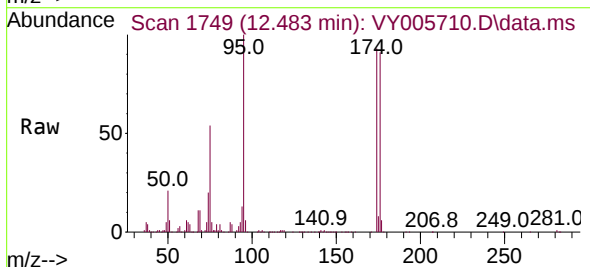
Instrument :
MSVOA_Y
ClientSampleId :

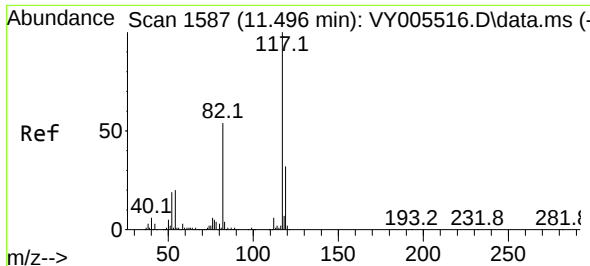
Tgt Ion: 98 Resp: 443361
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 56.968 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

Tgt Ion: 95 Resp: 152063
Ion Ratio Lower Upper
95 100
174 94.7 0.0 191.4
176 92.3 0.0 183.6

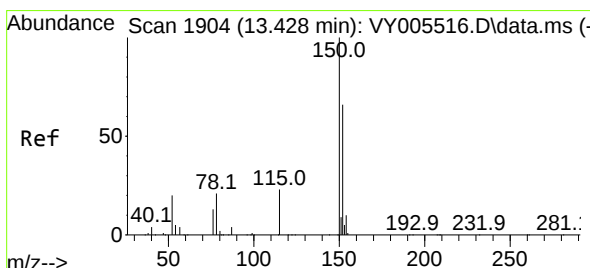
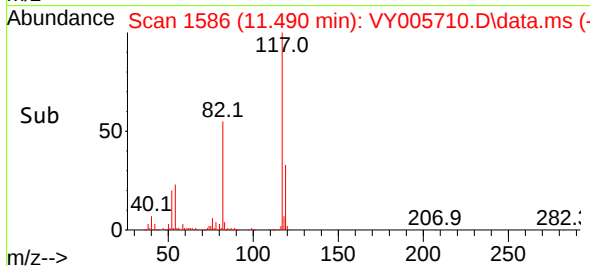
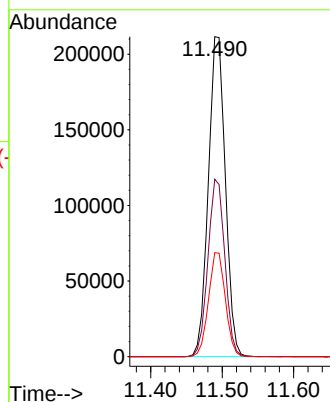
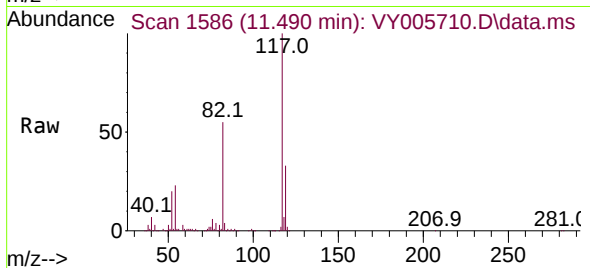




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

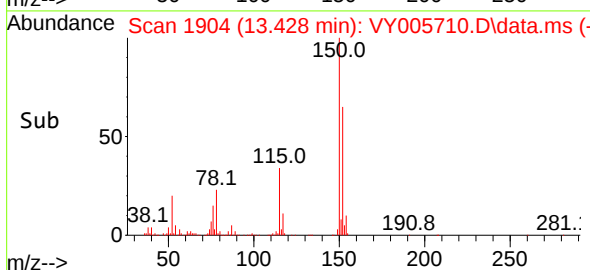
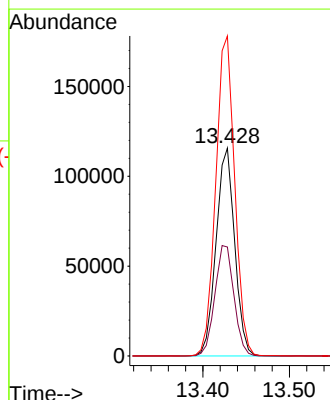
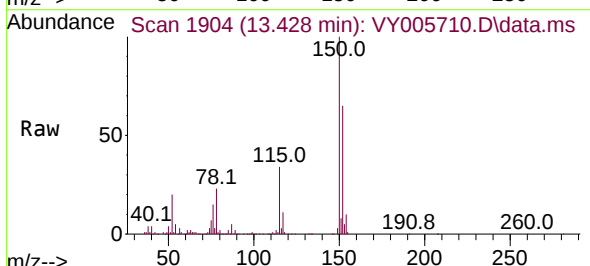
Instrument :
MSVOA_Y
ClientSampleId :

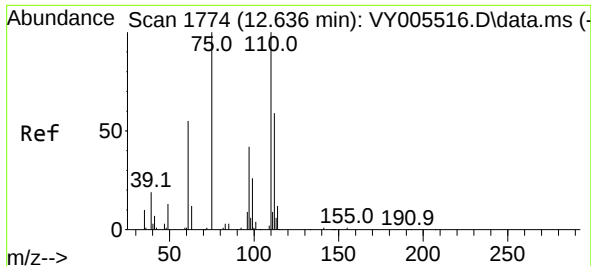
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.5	65.3
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.3	81.9
150	156.4	0.0	350.2

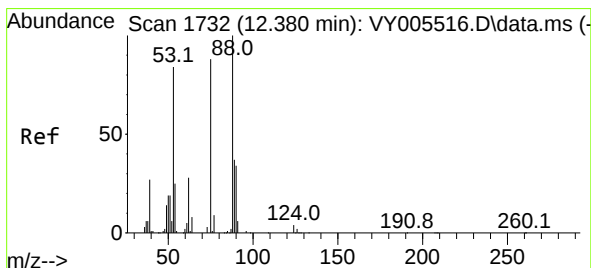
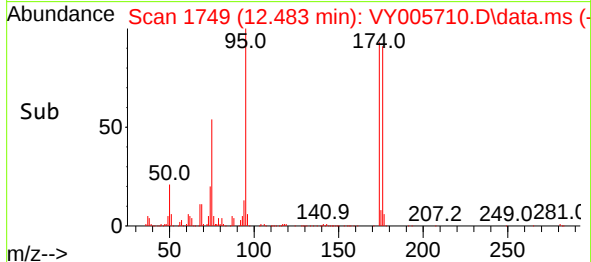
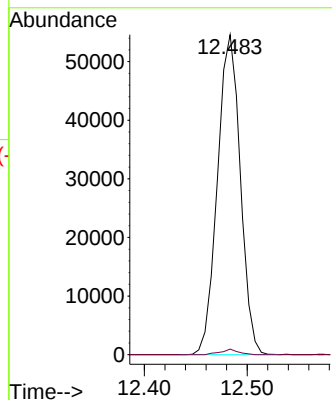
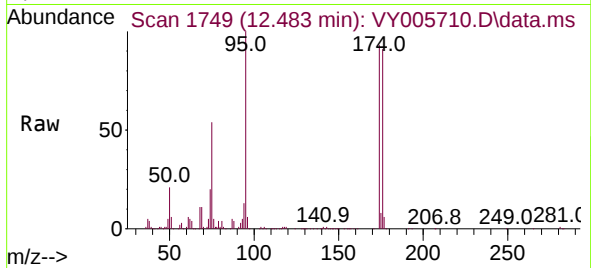




#76
1,2,3-Trichloropropane
Concen: 47.056 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 84239
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005710.D
Acq: 17 Aug 2021 14:29

Tgt Ion: 75 Resp: 84239
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

