

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005162.D
 Acq On : 17 Jun 2021 17:20
 Operator : SY/MD
 Sample : M2748-05
 Misc : 6.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:03:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

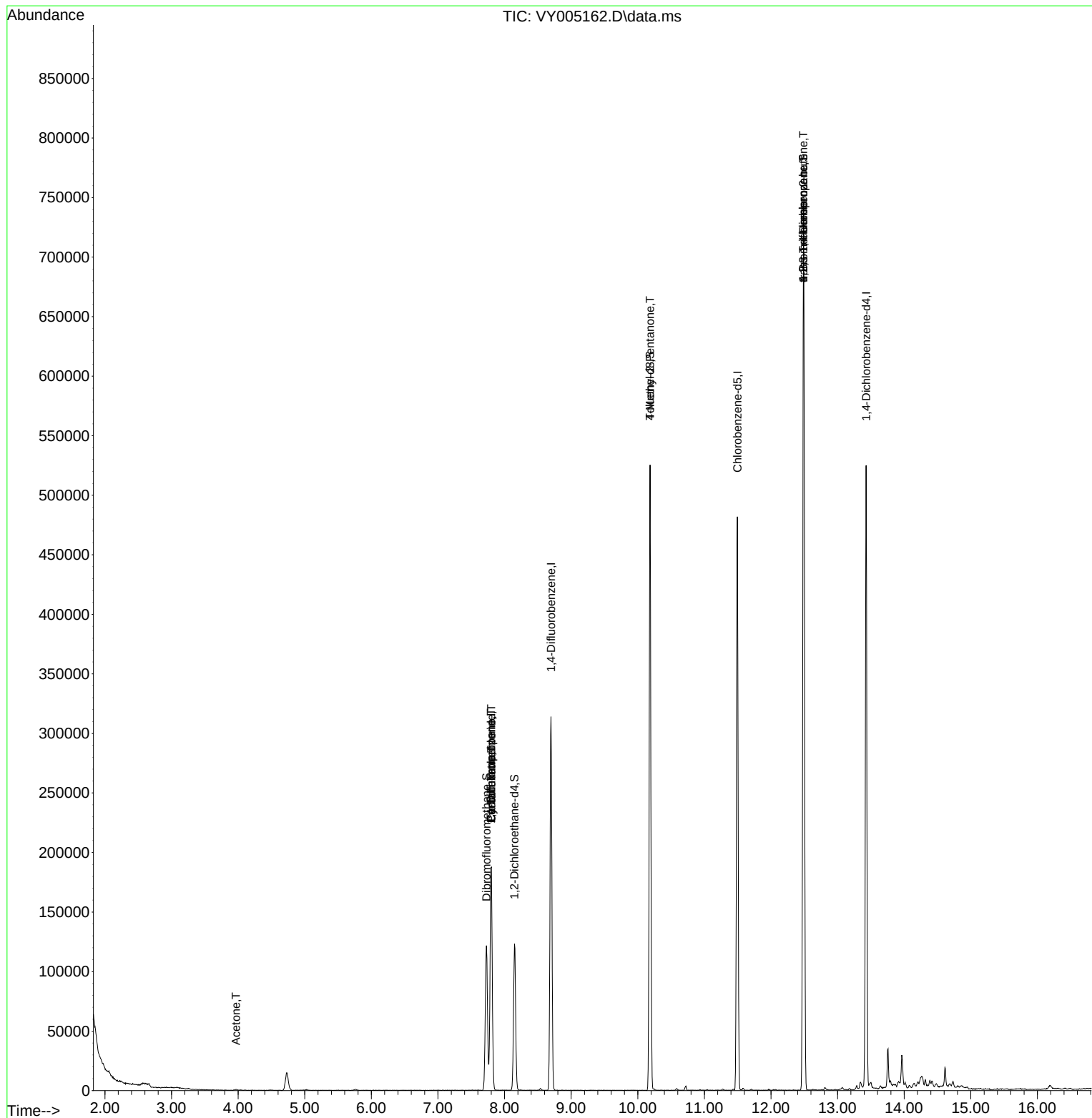
Internal Standards						
1) Pentafluorobenzene	7.801	168	146546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98426	69.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.920%	
35) Dibromofluoromethane	7.728	113	85660	73.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.600%#	
50) Toluene-d8	10.185	98	331516	57.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.760%	
62) 4-Bromofluorobenzene	12.483	95	116503	59.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	288	Below Cal	#	74
16) Acetone	3.967	43	1414	4.906	ug/l #	76
31) Cyclohexane	7.801	56	3090	1.282	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	11133	4.483	ug/l #	50
38) Carbon Tetrachloride	7.801	117	14996	5.687	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	1427	1.203	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	66102	56.678	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66102	105.737	ug/l #	12

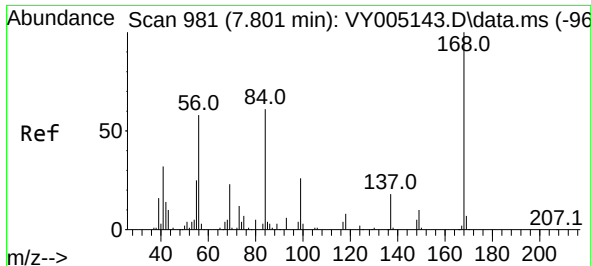
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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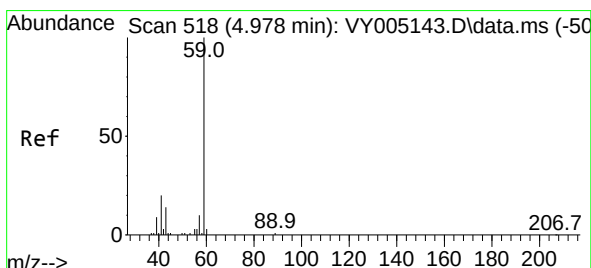
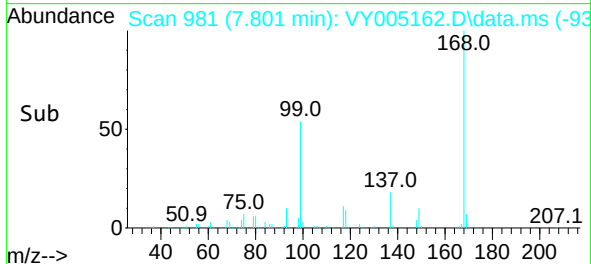
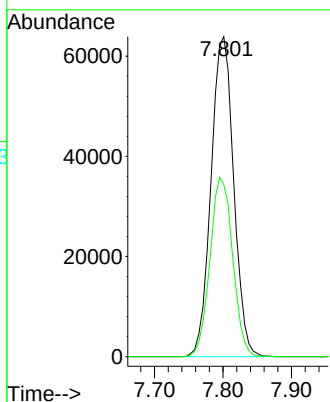
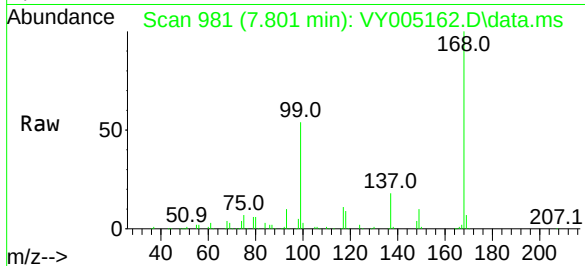




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

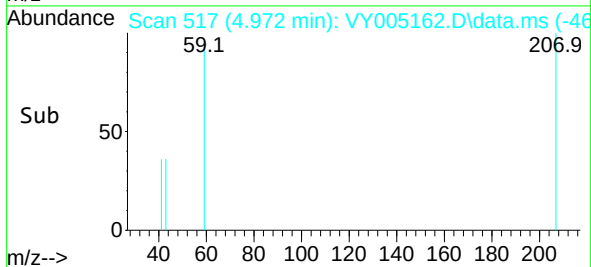
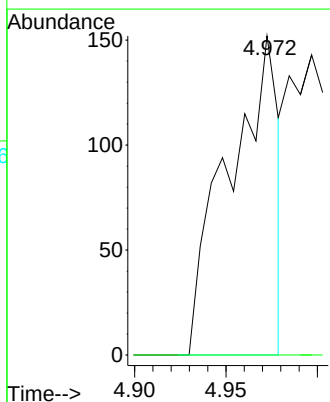
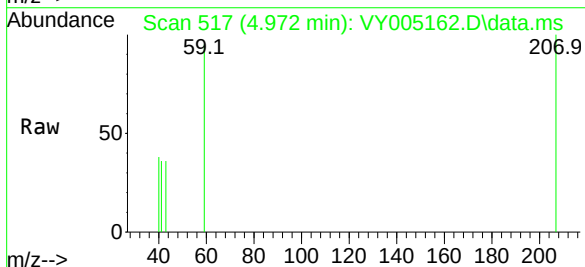
Instrument :
MSVOA_Y
ClientSampled :

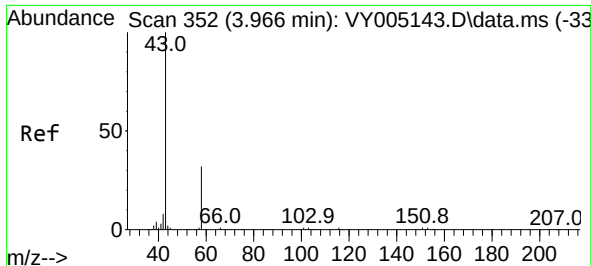
Tgt Ion:168 Resp: 146546
Ion Ratio Lower Upper
168 100
99 53.8 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion: 59 Resp: 288
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

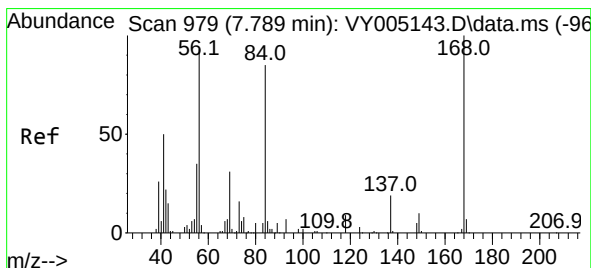
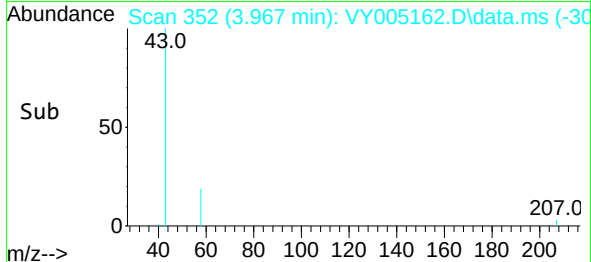
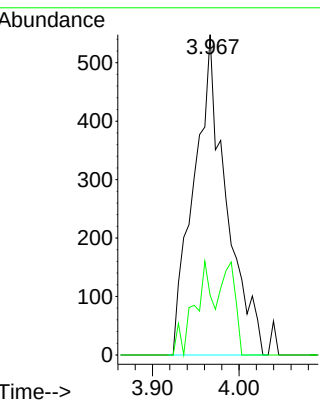
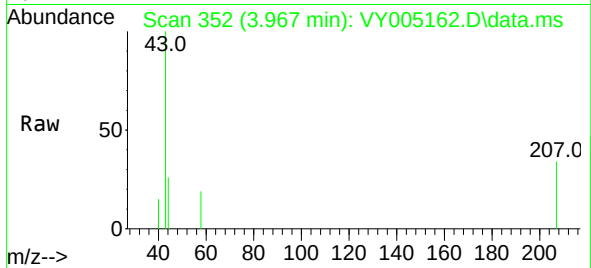




#16
Acetone
Concen: 4.906 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

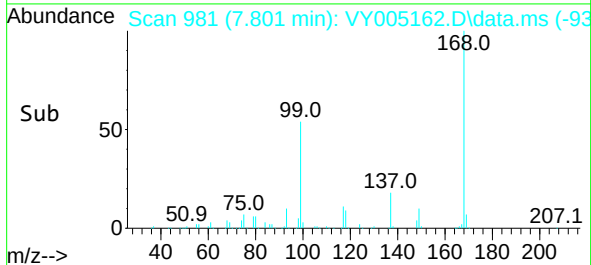
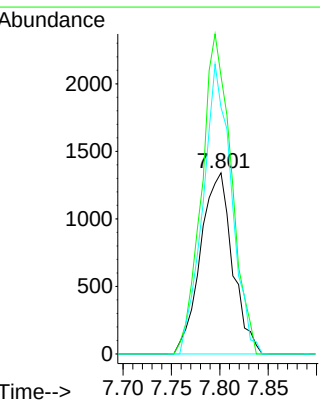
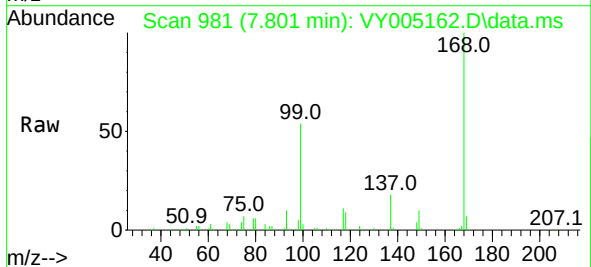
Instrument :
MSVOA_Y
ClientSampled :

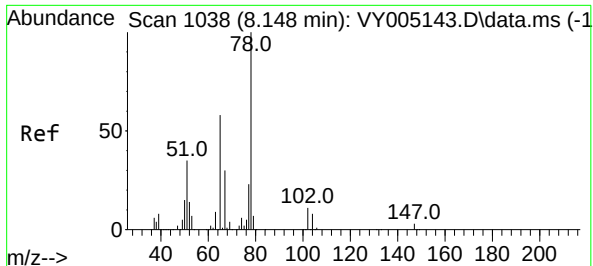
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 18.6 25.6 38.4#



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion: 56 Resp: 3090
Ion Ratio Lower Upper
56 100
69 153.5 26.3 39.5#
84 136.1 73.2 109.8#

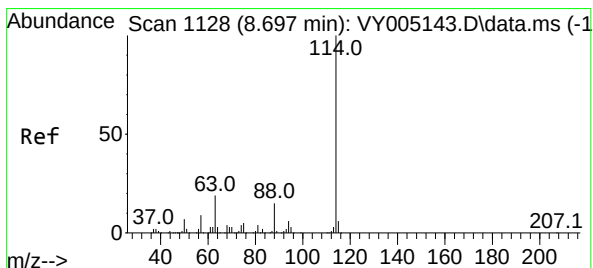
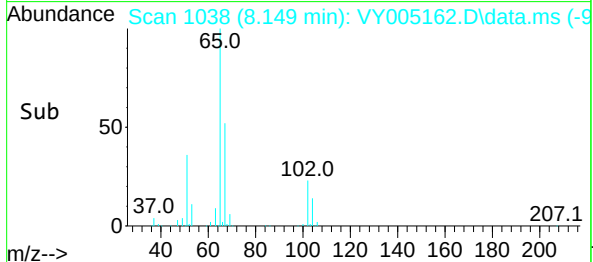
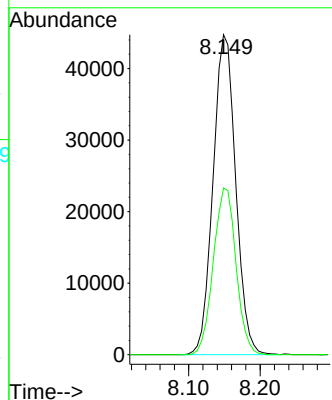
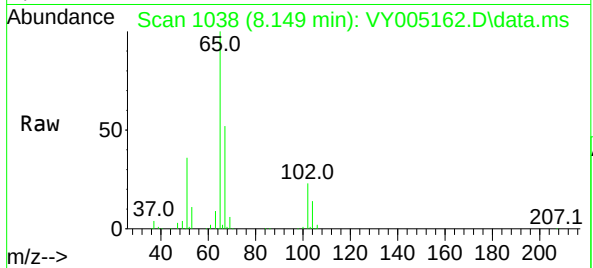




#33
1,2-Dichloroethane-d4
Concen: 69.464 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

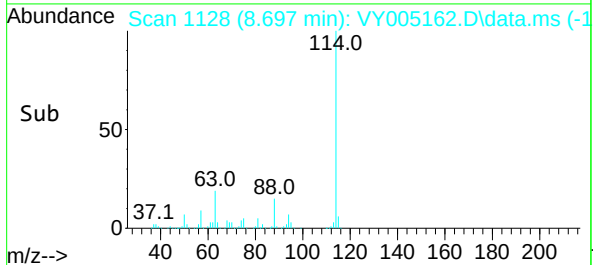
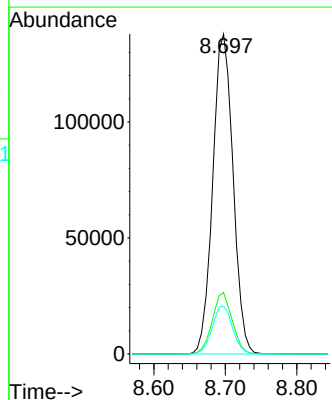
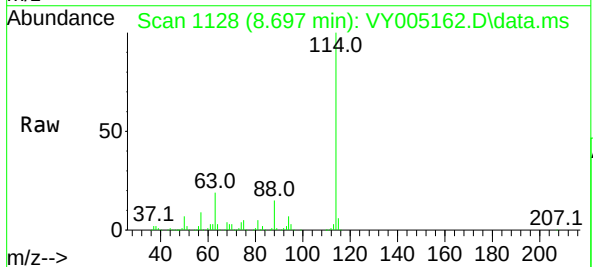
Instrument :
MSVOA_Y
ClientSampled :

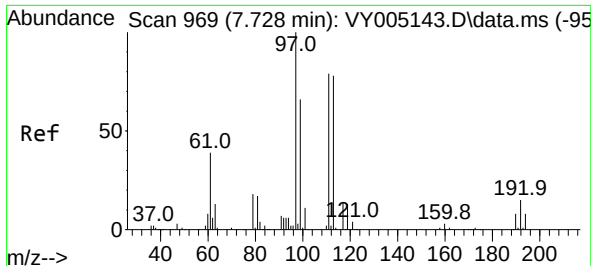
Tgt Ion: 65 Resp: 98426
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion: 114 Resp: 271201
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.6
88 14.9 0.0 29.6

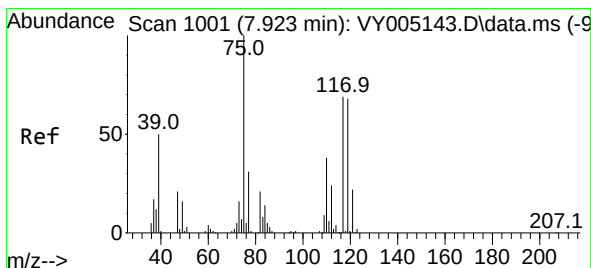
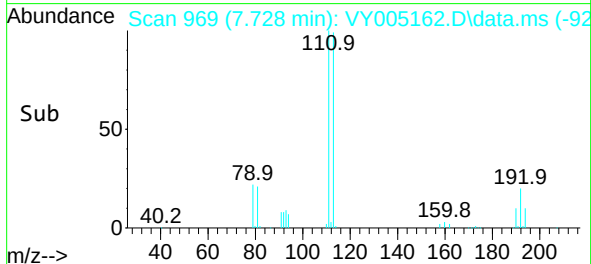
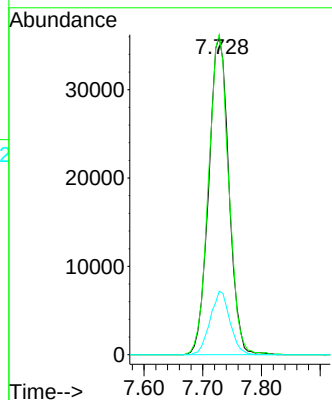
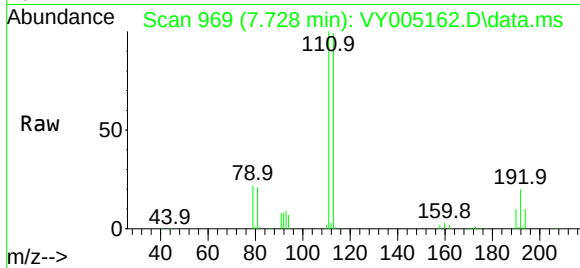




#35
Dibromofluoromethane
Concen: 73.797 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

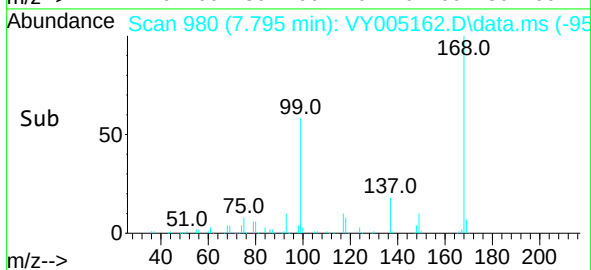
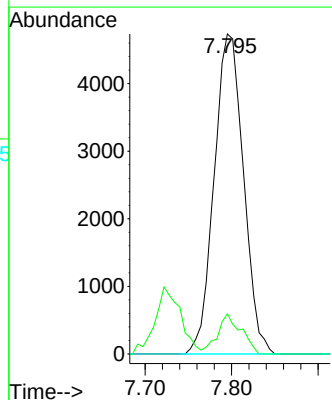
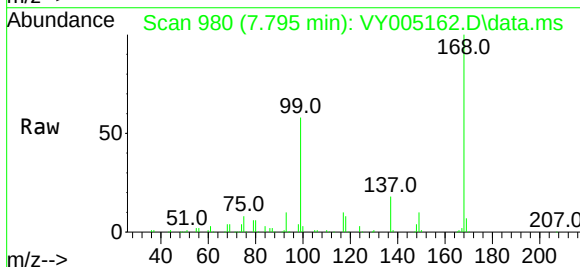
Instrument :
MSVOA_Y
ClientSampleId :

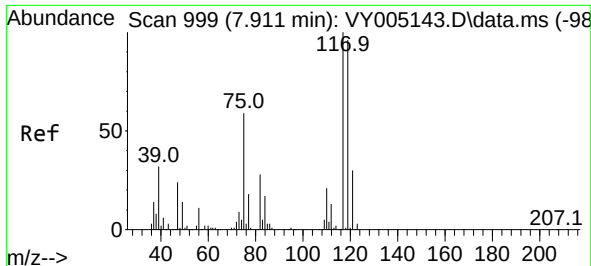
Tgt Ion:113 Resp: 85660
Ion Ratio Lower Upper
113 100
111 100.6 82.3 123.5
192 19.5 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.483 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

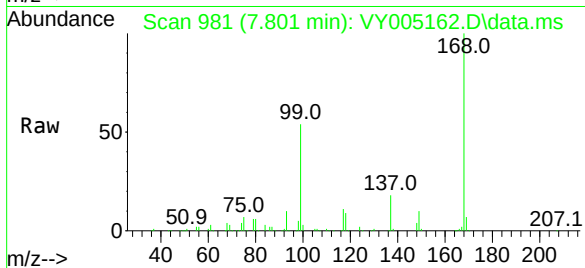
Tgt Ion: 75 Resp: 11133
Ion Ratio Lower Upper
75 100
110 10.1 18.8 56.3#
77 0.0 24.6 36.8#



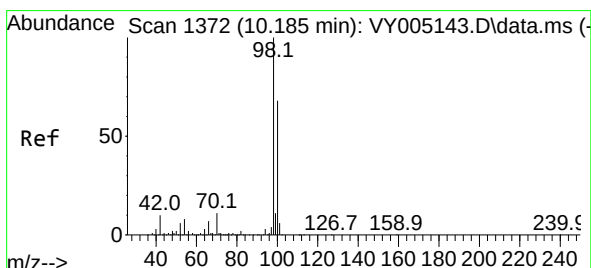
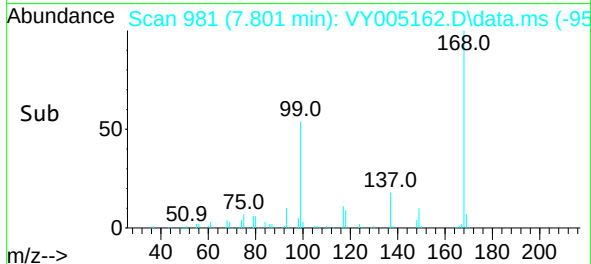
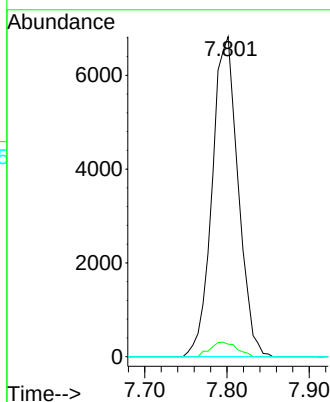


#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Instrument :
MSVOA_Y
ClientSampleId :

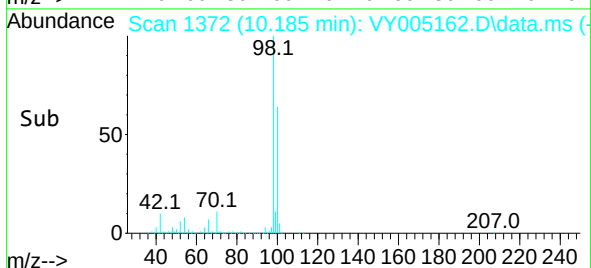
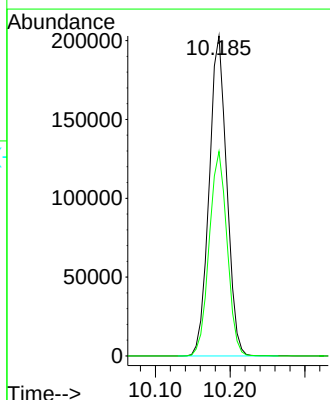
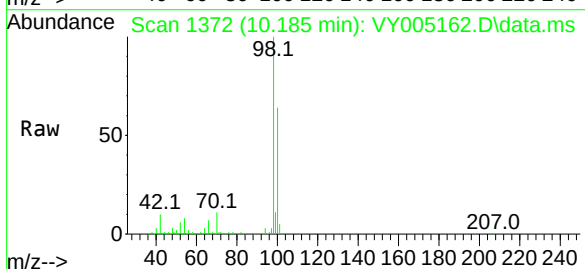


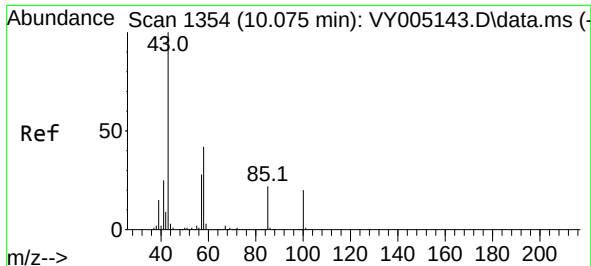
Tgt Ion:117 Resp: 14996
Ion Ratio Lower Upper
117 100
119 3.9 76.9 115.3#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 57.378 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion: 98 Resp: 331516
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

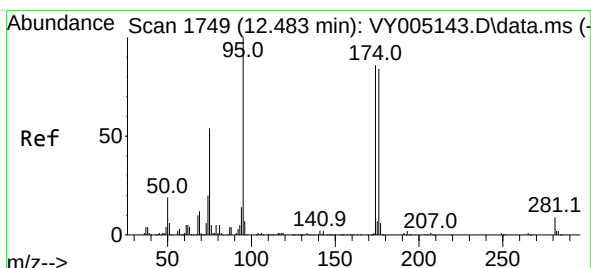
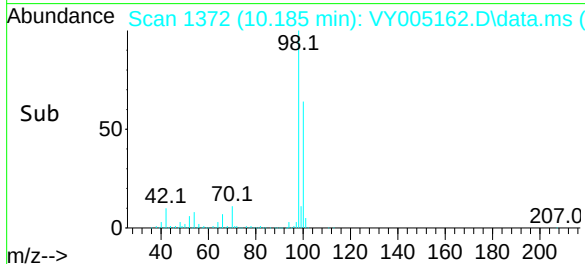
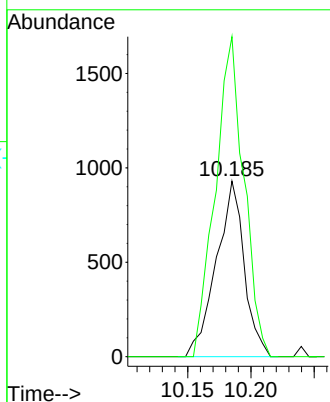
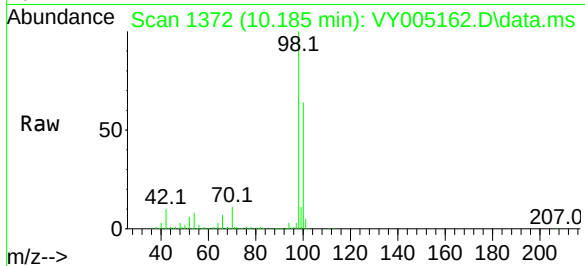




#51
4-Methyl-2-Pentanone
Concen: 1.203 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

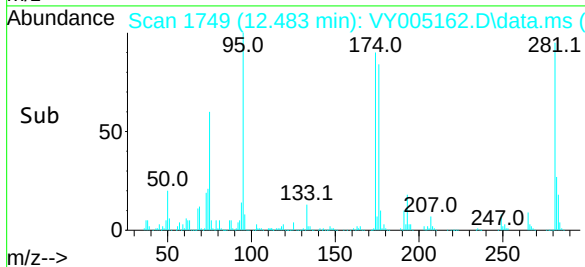
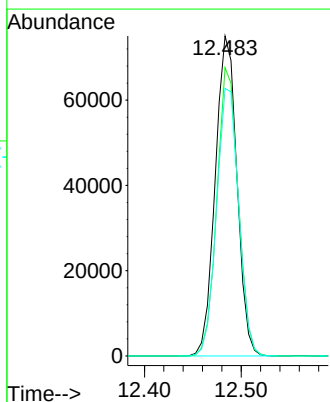
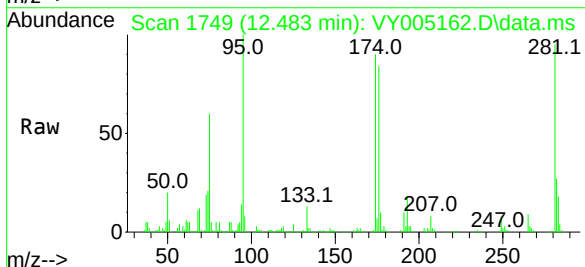
Instrument :
MSVOA_Y
ClientSampled :

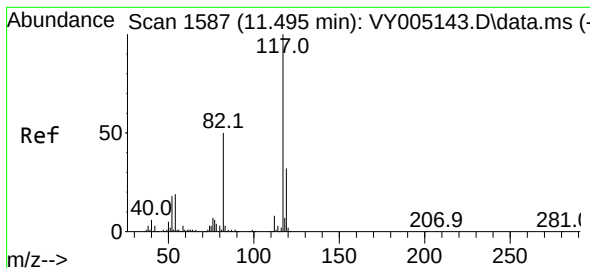
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 186.6 33.0 49.4#



#62
4-Bromofluorobenzene
Concen: 59.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion: 95 Resp: 116503
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.2
176 85.6 0.0 174.0

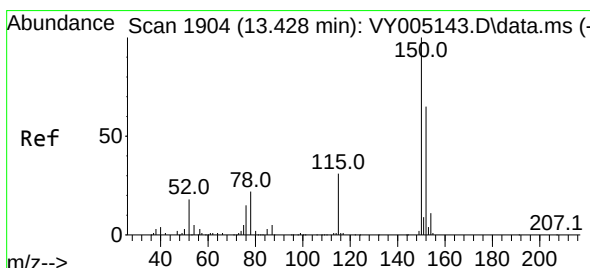
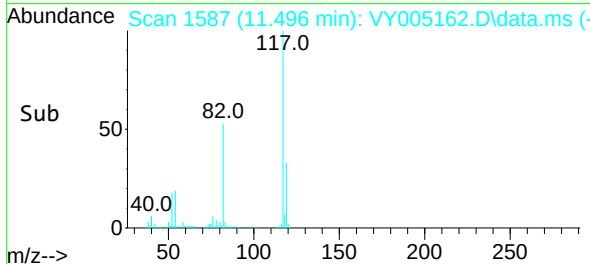
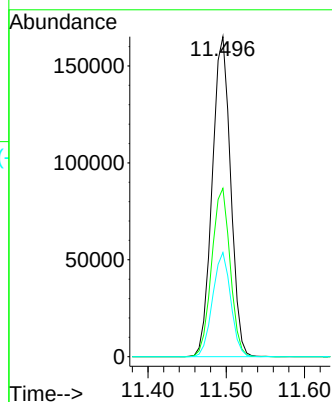
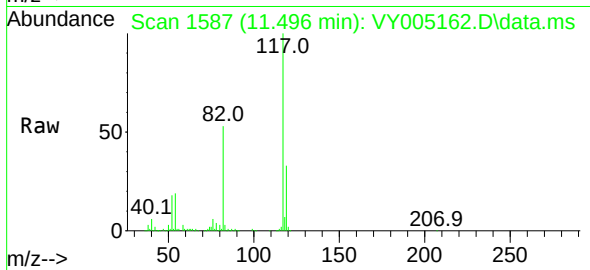




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

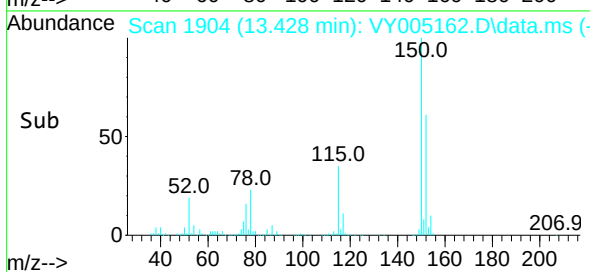
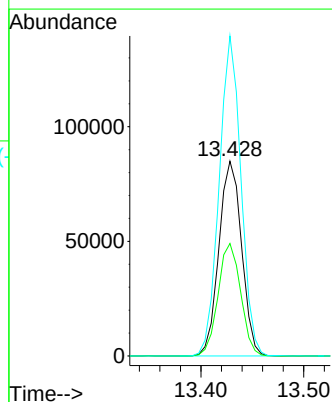
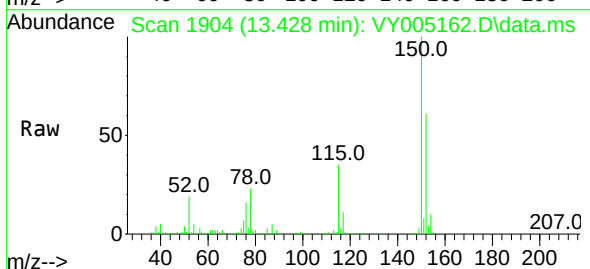
Instrument :
MSVOA_Y
ClientSampleId :

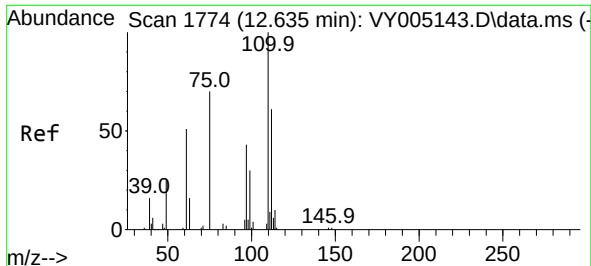
Tgt Ion:117 Resp: 268986
Ion Ratio Lower Upper
117 100
82 52.6 39.8 59.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion:152 Resp: 130293
Ion Ratio Lower Upper
152 100
115 57.4 29.5 88.6
150 157.5 0.0 348.2

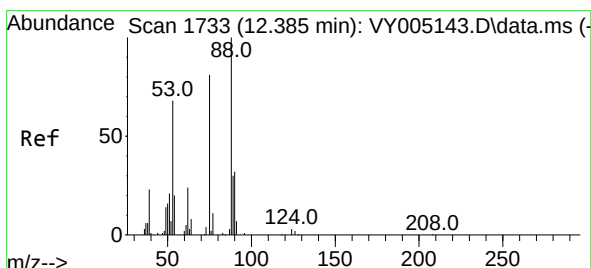
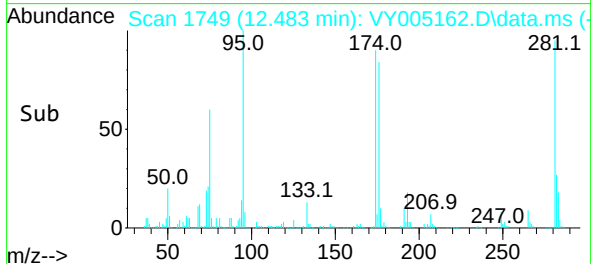
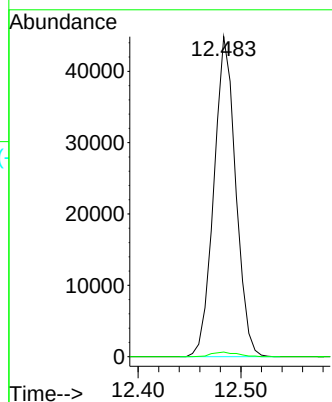
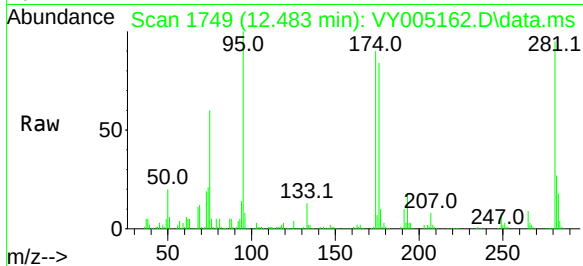




#76
1,2,3-Trichloropropane
Concen: 56.678 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66102
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion: 75 Resp: 66102
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 2.0 44.1 66.1#

