

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005212.D
 Acq On : 24 Jun 2021 15:38
 Operator : SY/MD
 Sample : M2842-01
 Misc : 7.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 04:35:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

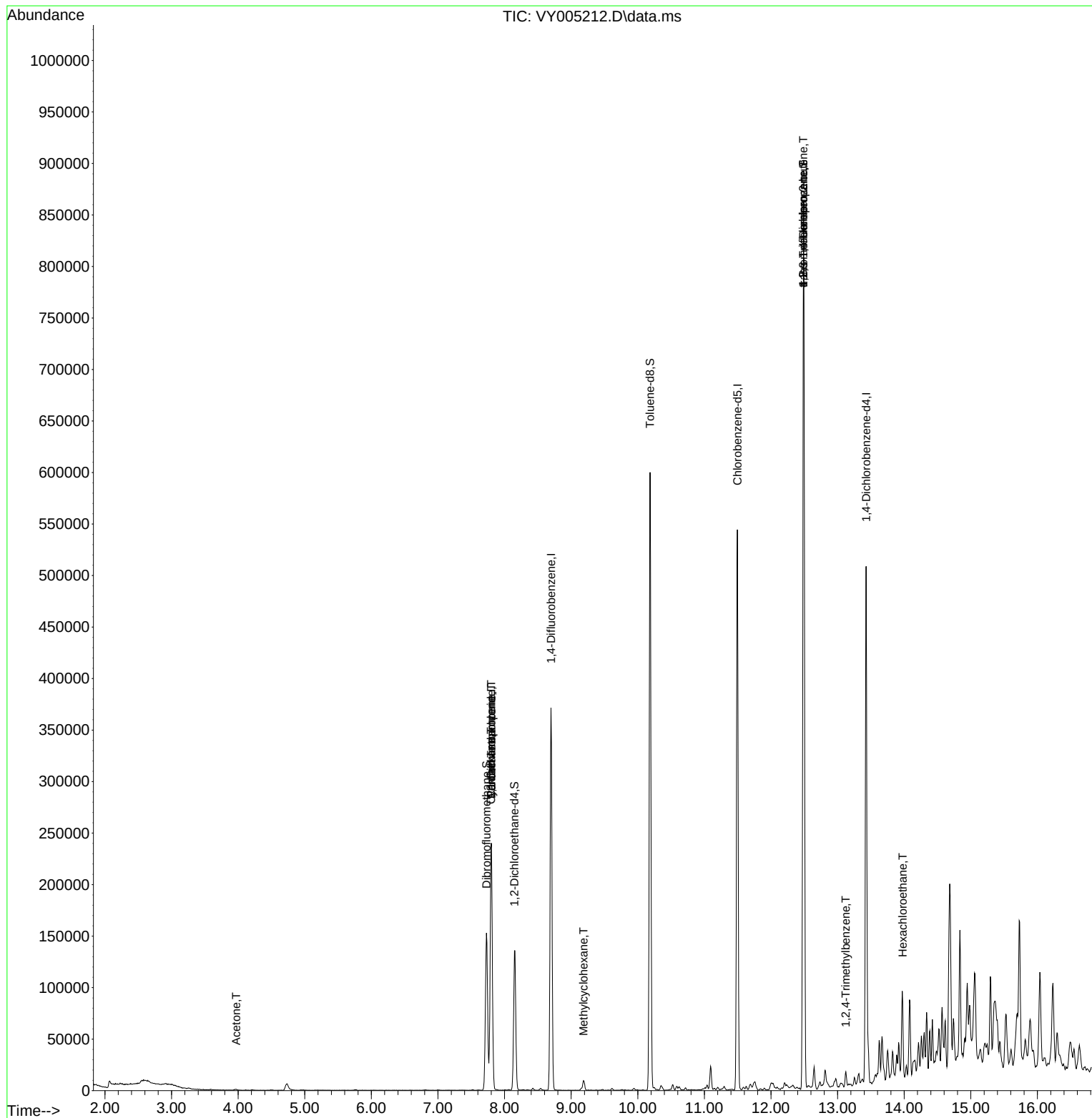
Internal Standards						
1) Pentafluorobenzene	7.801	168	211037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	317366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106871	61.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.040%	
35) Dibromofluoromethane	7.728	113	105806	53.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.320%	
50) Toluene-d8	10.185	98	405955	51.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.483	95	128974	48.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	916	Below Cal	#	77
16) Acetone	3.973	43	1712	4.232	ug/l	98
20) Methylene Chloride	4.735	84	5079	Below Cal		92
31) Cyclohexane	7.795	56	4510	1.442	ug/l #	9
36) 1,1-Dichloropropene	7.801	75	12500	4.207	ug/l #	47
38) Carbon Tetrachloride	7.801	117	17431	5.604	ug/l #	17
39) Methylcyclohexane	9.185	83	4119	1.071	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	64064	51.933	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64064	96.894	ug/l #	18
84) 1,2,4-Trimethylbenzene	13.123	105	7525	1.020	ug/l	98
90) Hexachloroethane	13.977	117	2894	1.918	ug/l #	1

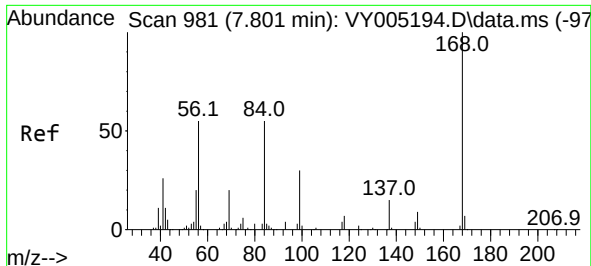
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

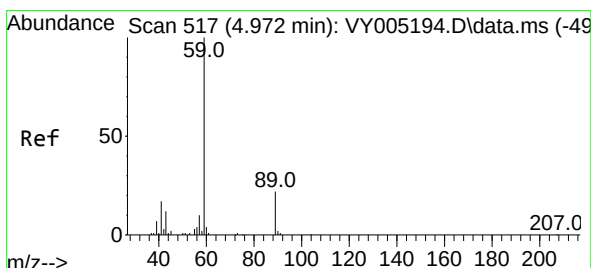
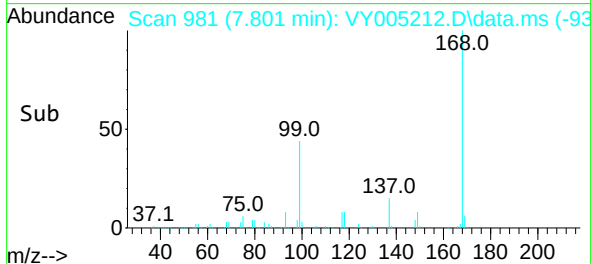
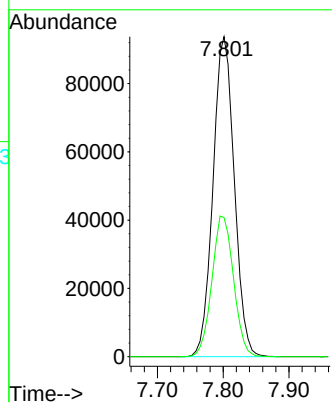
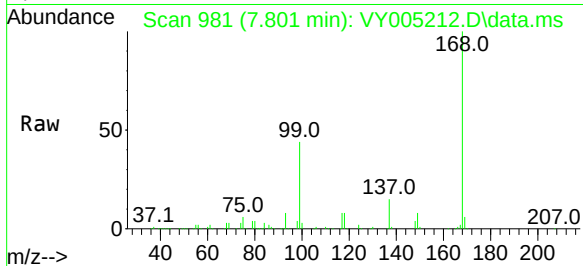




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

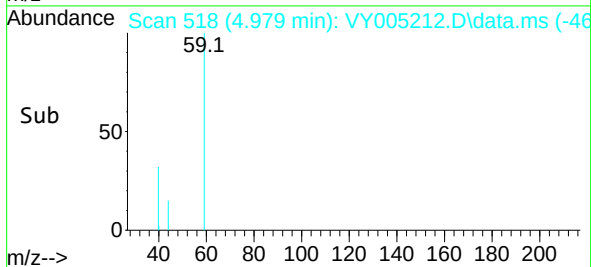
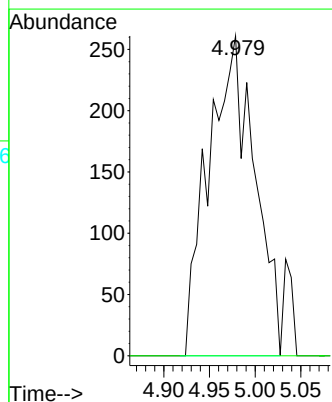
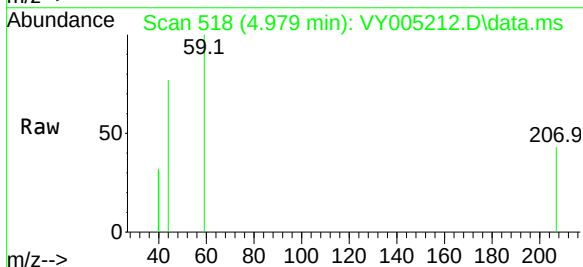
Instrument :
MSVOA_Y
ClientSampleId :

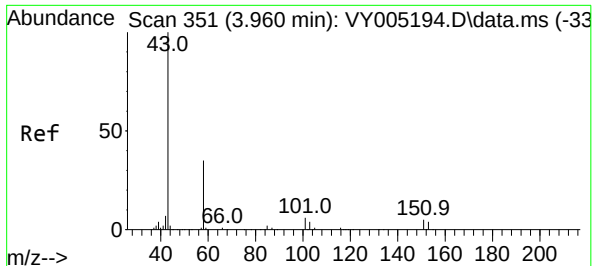
Tgt Ion:168 Resp: 211037
Ion Ratio Lower Upper
168 100
99 43.5 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.979 min Scan# 518
Delta R.T. 0.007 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

Tgt Ion: 59 Resp: 916
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

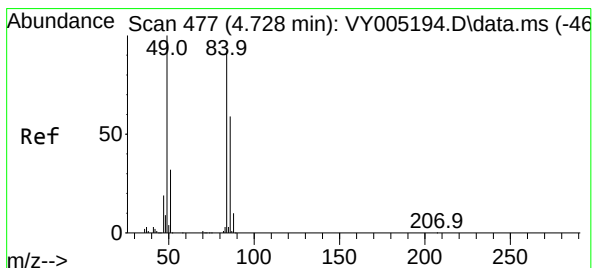
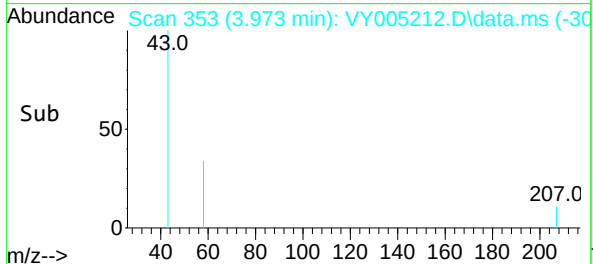
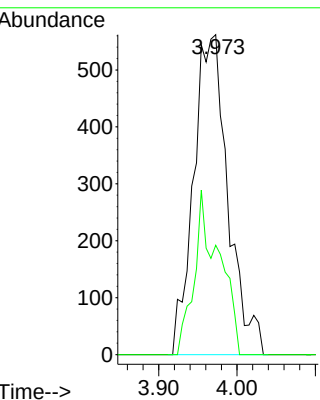
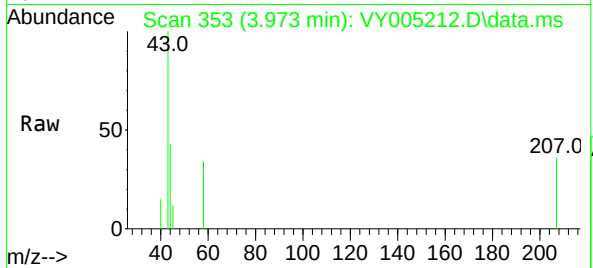




#16
Acetone
Concen: 4.232 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

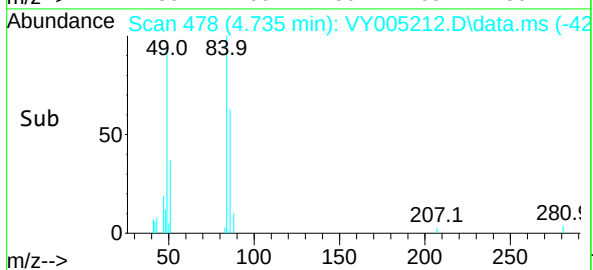
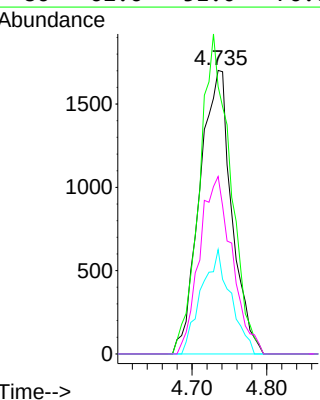
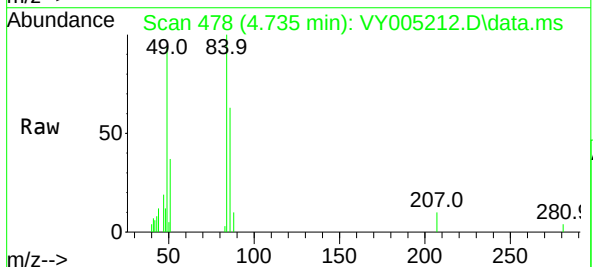
Instrument :
MSVOA_Y
ClientSampled :

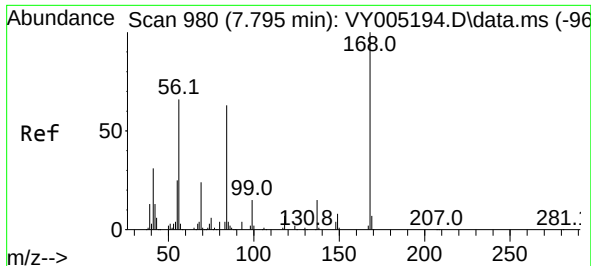
Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 34.2 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

Tgt Ion: 84 Resp: 5079
Ion Ratio Lower Upper
84 100
49 94.4 86.9 130.3
51 36.8 27.4 41.2
86 62.6 51.0 76.6

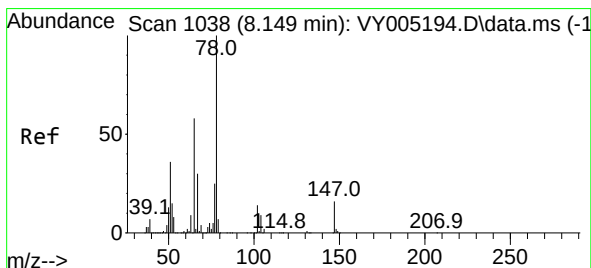
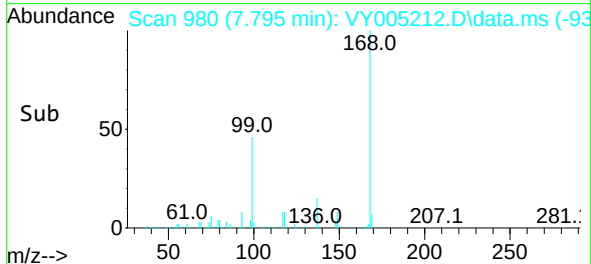
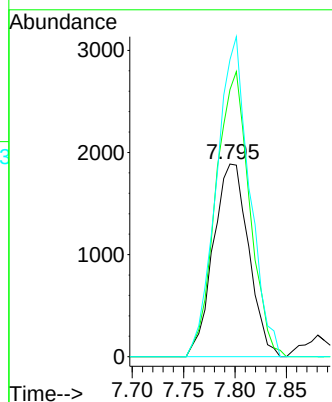
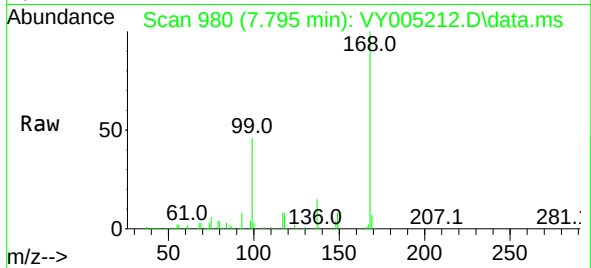




#31
Cyclohexane
Concen: 1.442 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

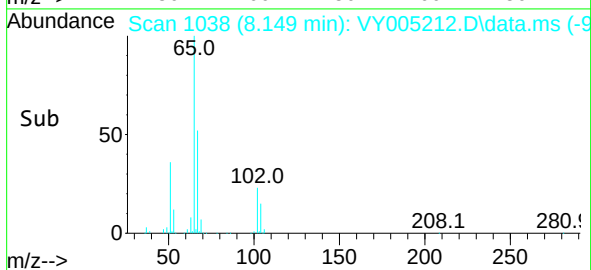
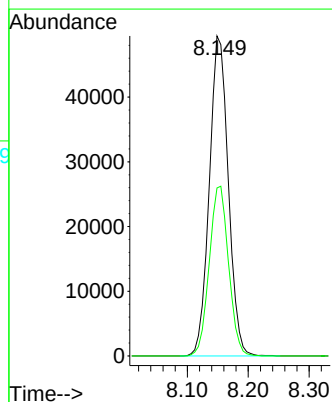
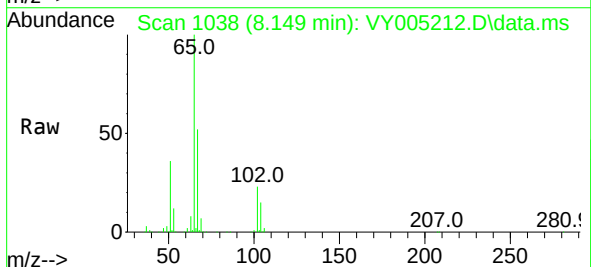
Instrument :
MSVOA_Y
ClientSampleId :

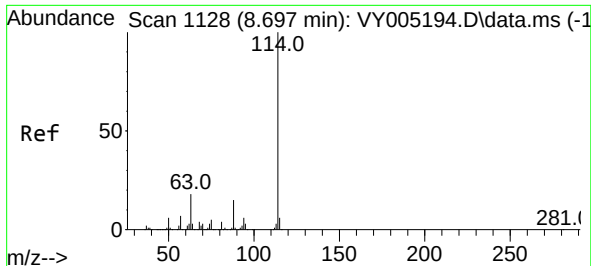
Tgt Ion: 56 Resp: 4510
Ion Ratio Lower Upper
56 100
69 138.7 29.6 44.4#
84 154.2 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 61.024 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

Tgt Ion: 65 Resp: 106871
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6

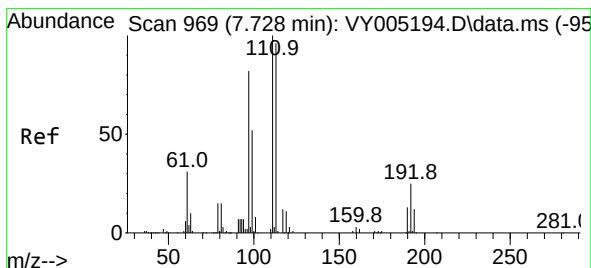
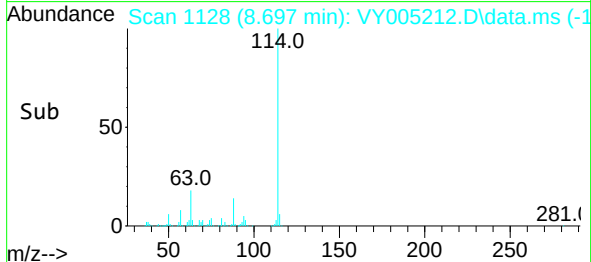
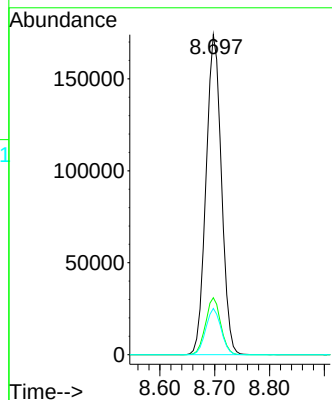
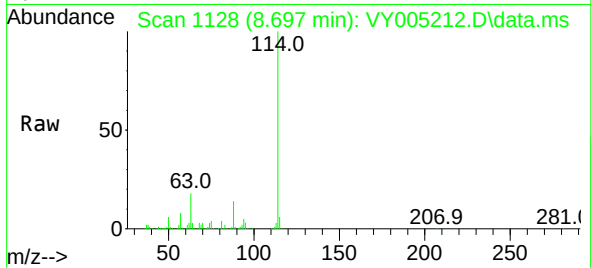




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

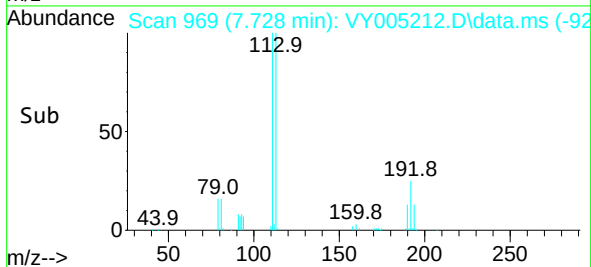
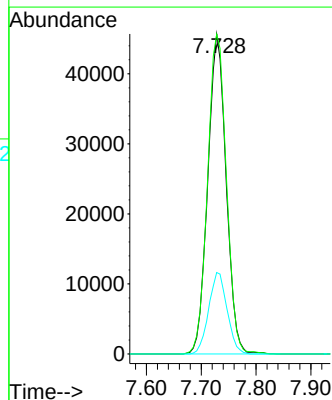
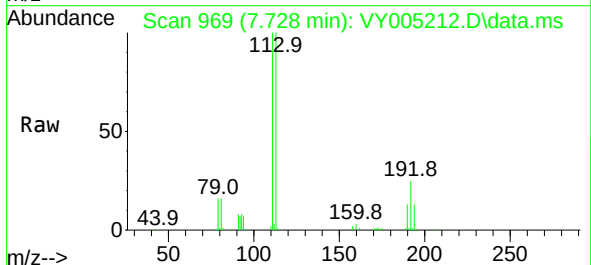
Instrument :
MSVOA_Y
ClientSampled :

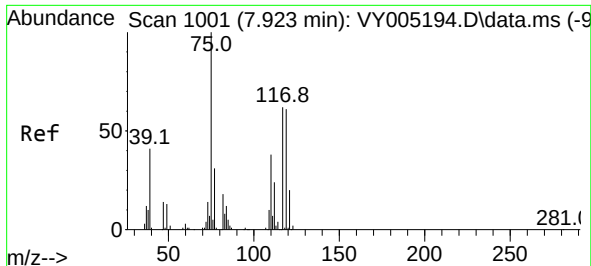
Tgt Ion:114 Resp: 337455
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.2
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.165 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

Tgt Ion:113 Resp: 105806
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 25.5 20.2 30.2

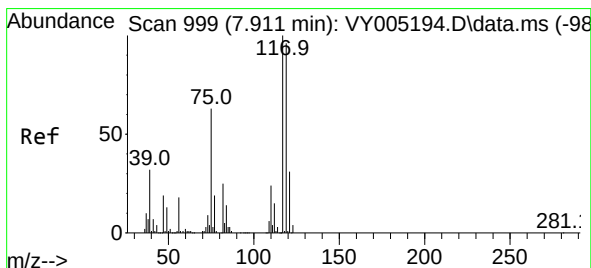
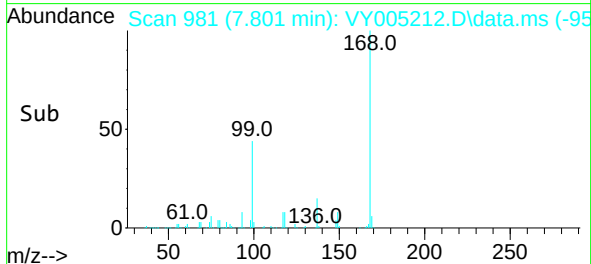
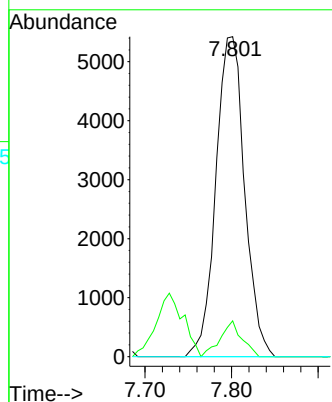
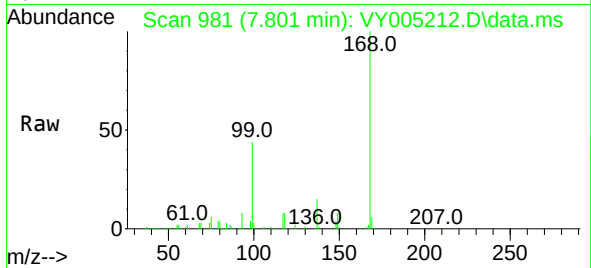




#36
1,1-Dichloropropene
Concen: 4.207 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

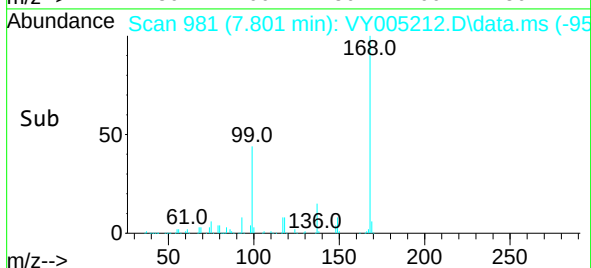
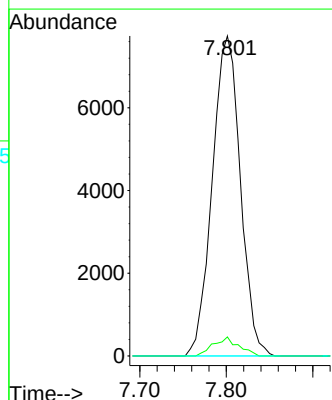
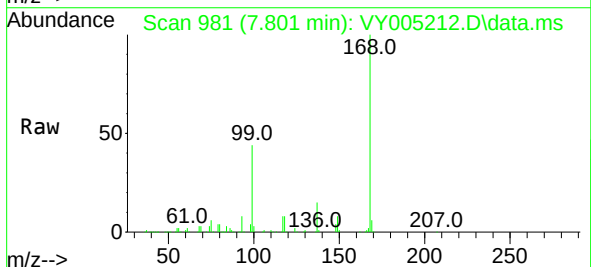
Instrument :
MSVOA_Y
ClientSampled :

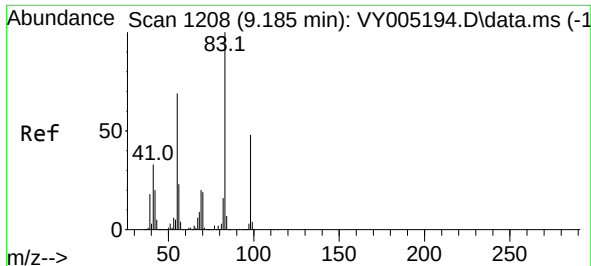
Tgt Ion: 75 Resp: 12500
Ion Ratio Lower Upper
75 100
110 8.4 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.604 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

Tgt Ion: 117 Resp: 17431
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 1.071 ug/l

RT: 9.185 min Scan# 1208

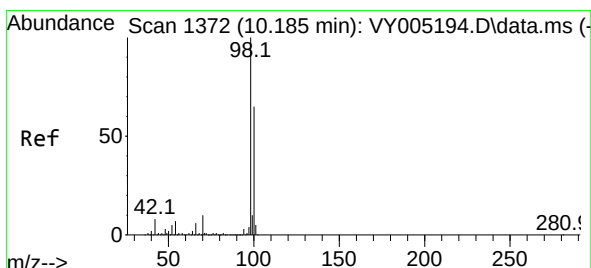
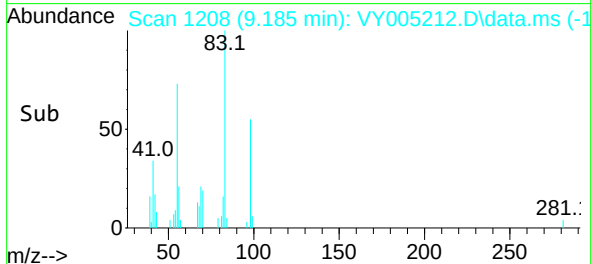
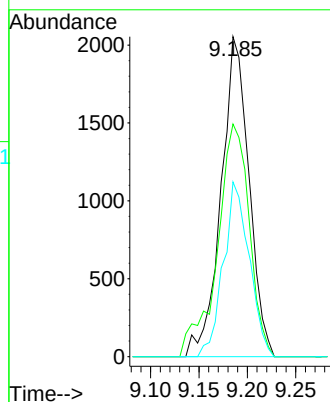
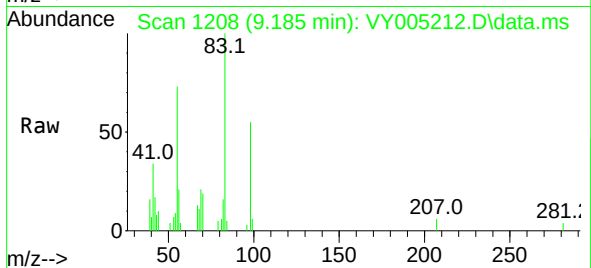
Delta R.T. 0.000 min

Lab File: VY005212.D

Acq: 24 Jun 2021 15:38

Tgt Ion: 83	Resp: 4119
Ion Ratio	Lower Upper
83 100	
55 72.7	55.5 83.3
98 54.6	38.4 57.6

Instrument :
MSVOA_Y
ClientSampled :



#50

Toluene-d8

Concen: 51.007 ug/l

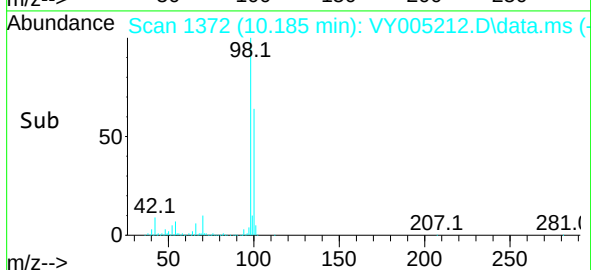
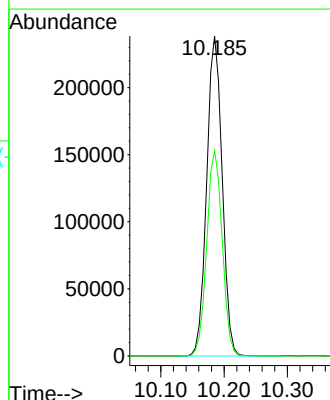
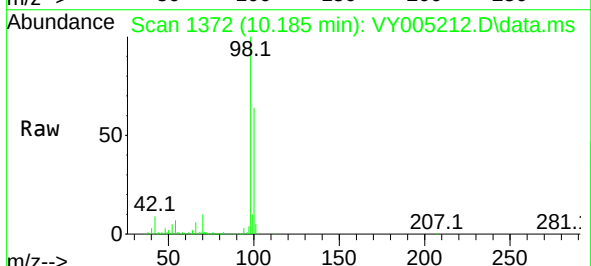
RT: 10.185 min Scan# 1372

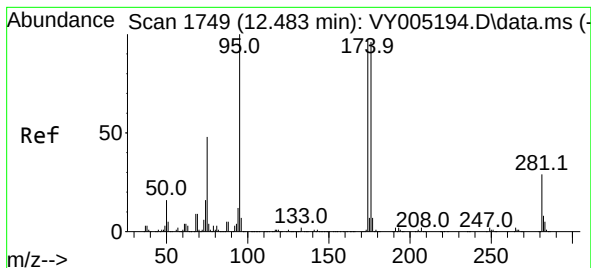
Delta R.T. 0.000 min

Lab File: VY005212.D

Acq: 24 Jun 2021 15:38

Tgt Ion: 98	Resp: 405955
Ion Ratio	Lower Upper
98 100	
100 64.2	51.9 77.9

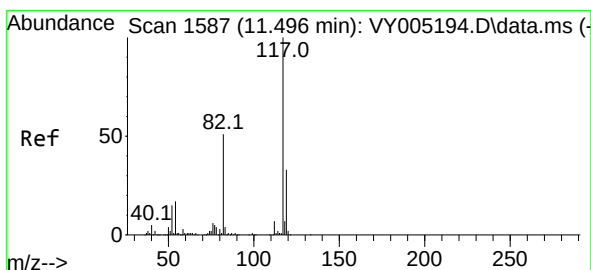
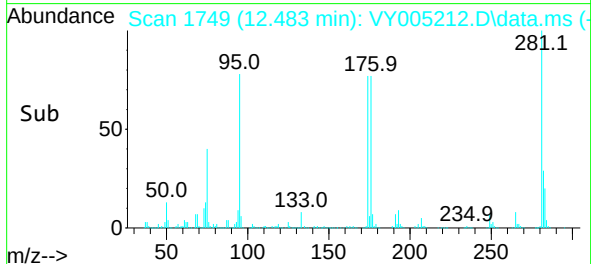
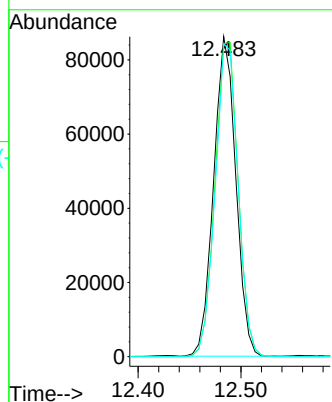
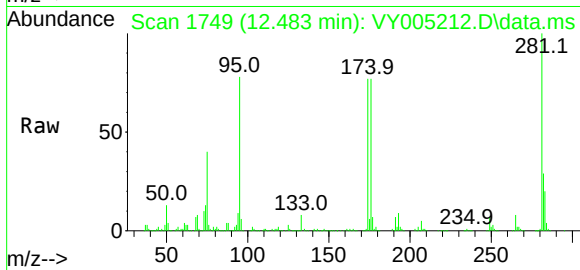




#62
4-Bromofluorobenzene
Concen: 48.631 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

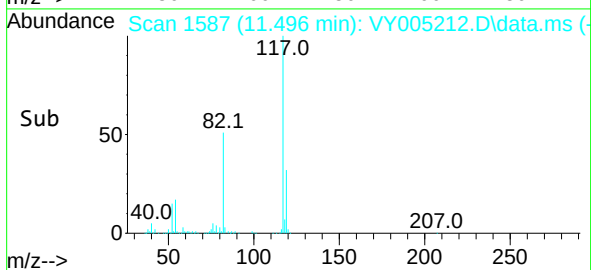
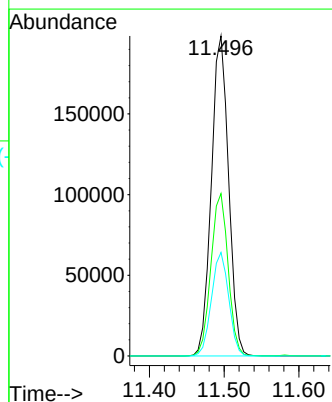
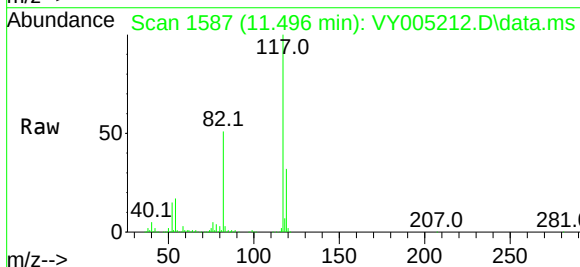
Instrument :
MSVOA_Y
ClientSampleId :

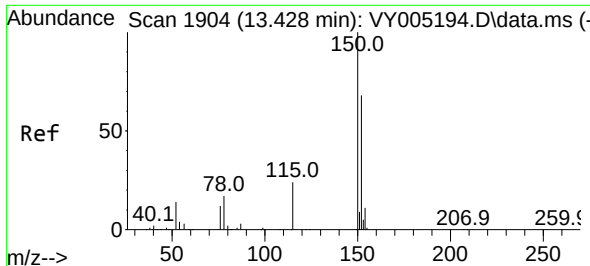
Tgt Ion: 95 Resp: 128974
Ion Ratio Lower Upper
95 100
174 102.6 0.0 201.6
176 100.6 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005212.D
Acq: 24 Jun 2021 15:38

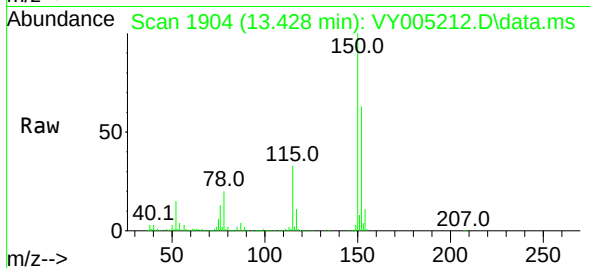
Tgt Ion: 117 Resp: 317366
Ion Ratio Lower Upper
117 100
82 50.7 40.6 60.8
119 32.3 26.1 39.1



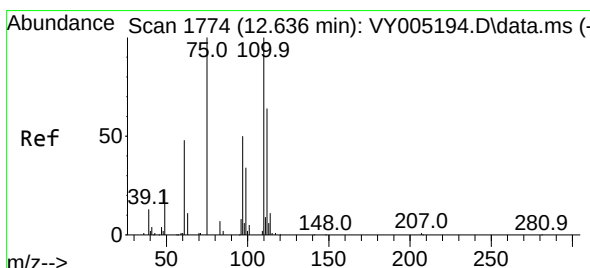
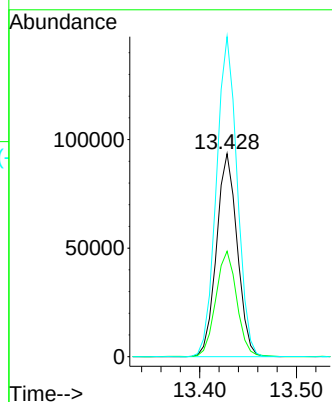
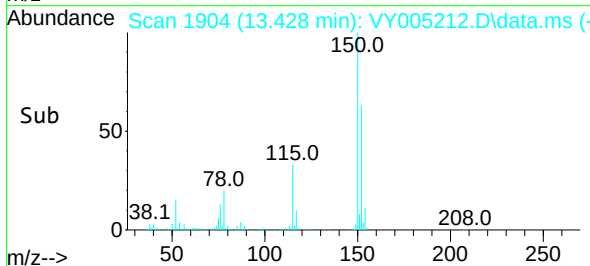


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005212.D
 Acq: 24 Jun 2021 15:38

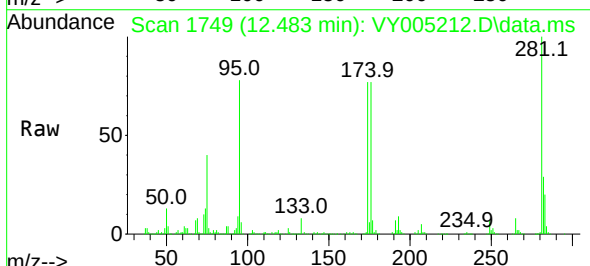
Instrument :
 MSVOA_Y
 ClientSampleId :



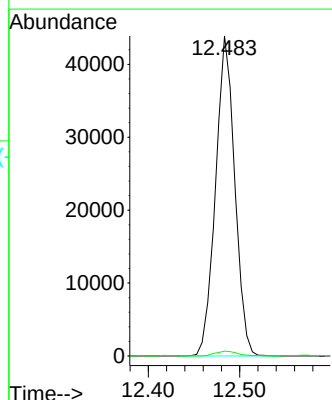
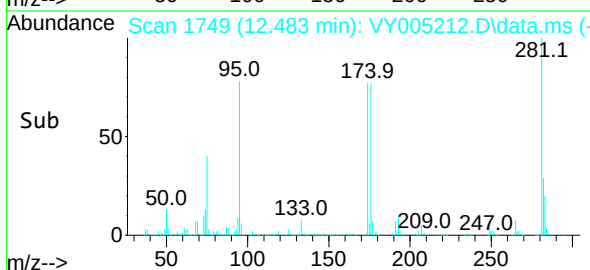
Tgt Ion:152 Resp: 139093
 Ion Ratio Lower Upper
 152 100
 115 52.7 26.3 78.8
 150 157.8 0.0 344.2

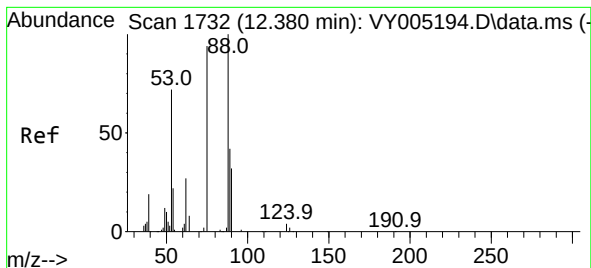


#76
 1,2,3-Trichloropropane
 Concen: 51.933 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005212.D
 Acq: 24 Jun 2021 15:38



Tgt Ion: 75 Resp: 64064
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

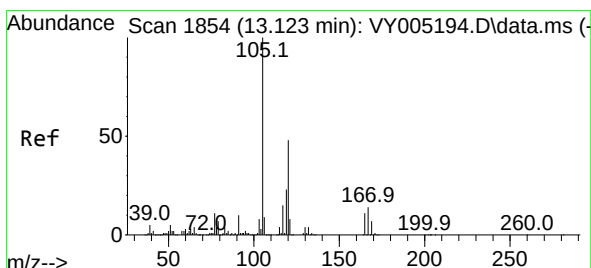
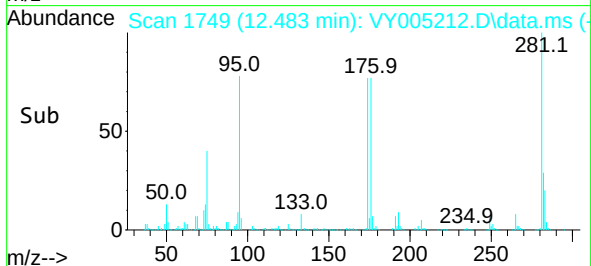
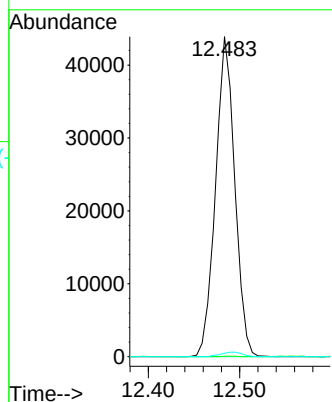
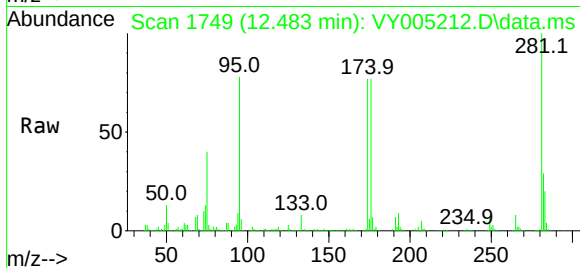




#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.894 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005212.D
 Acq: 24 Jun 2021 15:38

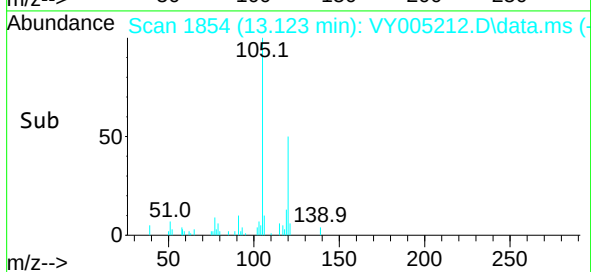
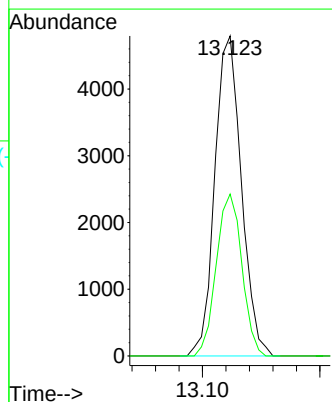
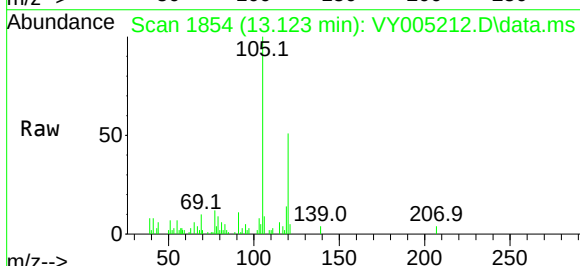
Instrument :
 MSVOA_Y
 ClientSampleId :

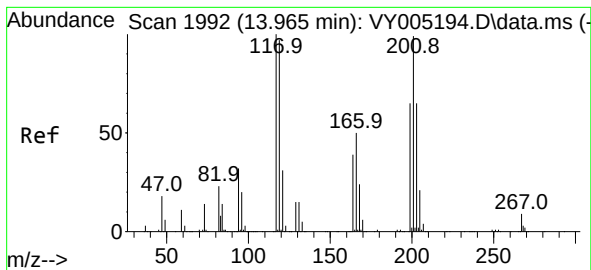
Tgt Ion: 75 Resp: 64064
 Ion Ratio Lower Upper
 75 100
 53 0.1 63.0 94.4#
 89 1.6 38.0 57.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.020 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY005212.D
 Acq: 24 Jun 2021 15:38

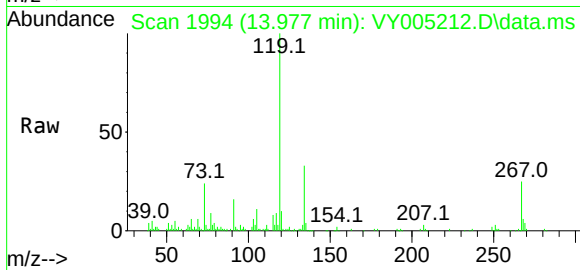
Tgt Ion: 105 Resp: 7525
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.6 71.0





#90
 Hexachloroethane
 Concen: 1.918 ug/l
 RT: 13.977 min Scan# 1994
 Delta R.T. 0.012 min
 Lab File: VY005212.D
 Acq: 24 Jun 2021 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:117 Resp: 2894
 Ion Ratio Lower Upper
 117 100
 201 0.0 49.4 148.2#

