

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005029.D
 Acq On : 08 Jun 2021 17:45
 Operator : SY/MD
 Sample : M2625-20
 Misc : 6.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

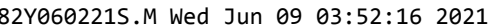
Quant Time: Jun 09 03:52:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	165899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	305635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112594	64.198	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.400%		
35) Dibromofluoromethane	7.728	113	98846	58.721	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 117.440%		
50) Toluene-d8	10.185	98	391949	56.065	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 112.120%		
62) 4-Bromofluorobenzene	12.483	95	134050	55.754	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 111.500%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	445	2.206	ug/l #	74
16) Acetone	3.967	43	2907	6.885	ug/l	92
20) Methylene Chloride	4.735	84	8217	Below Cal		99
31) Cyclohexane	7.795	56	3681	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13798	4.506	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16634	6.242	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	1903	1.004	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	73936	49.006	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73936	90.062	ug/l #	16

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

Quant Time: Jun 09 03:52:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
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QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

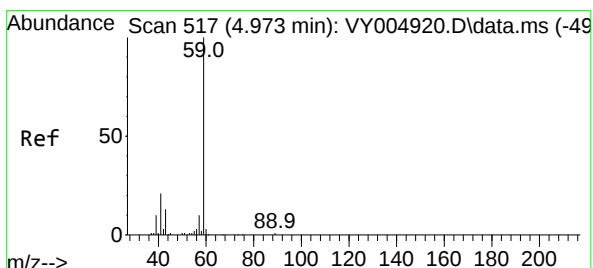
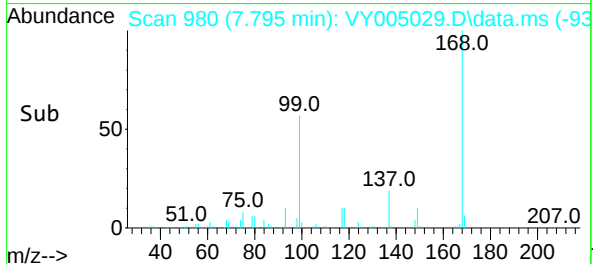
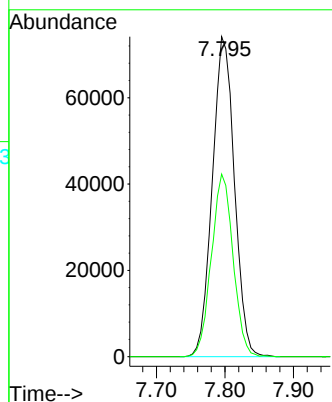
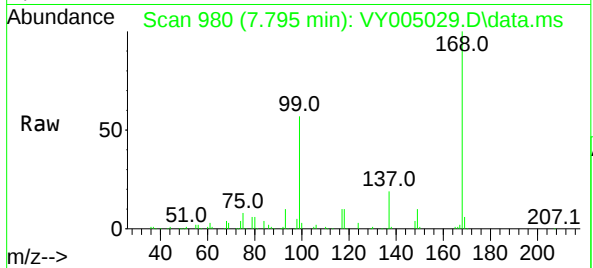




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

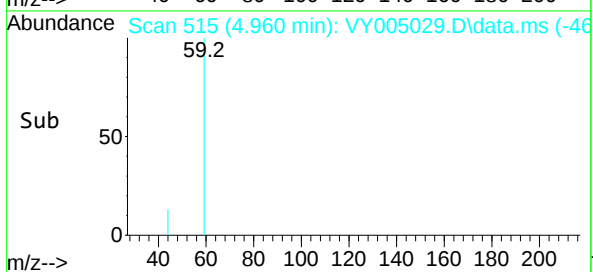
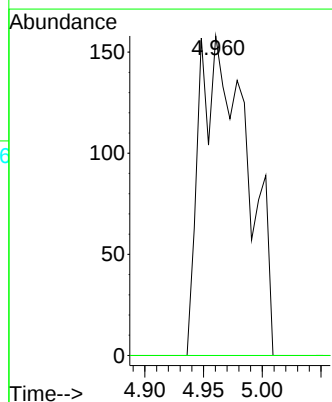
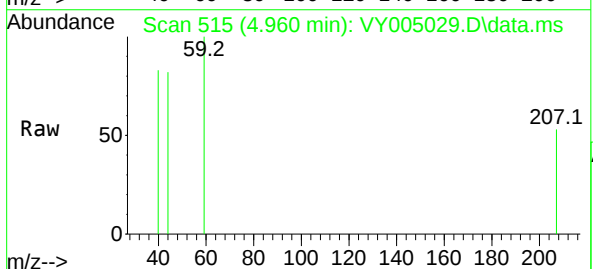
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 165899
Ion Ratio Lower Upper
168 100
99 57.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.206 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

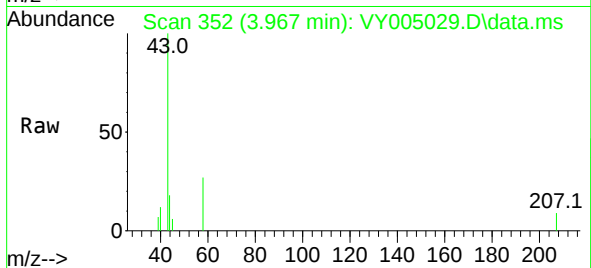
Tgt Ion: 59 Resp: 445
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



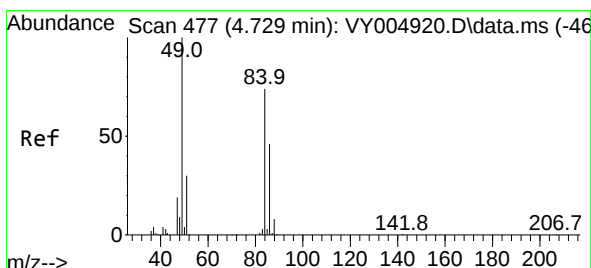
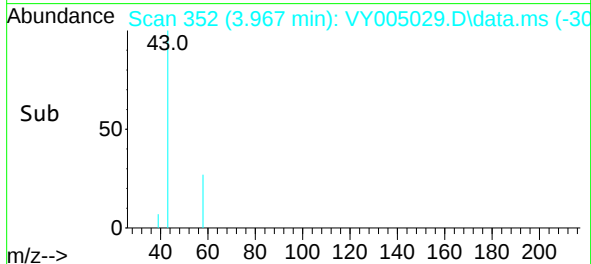
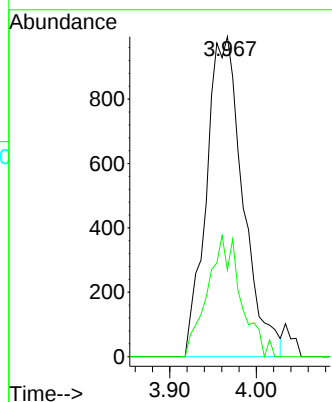


#16
Acetone
Concen: 6.885 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

Instrument :
MSVOA_Y
ClientSampled :

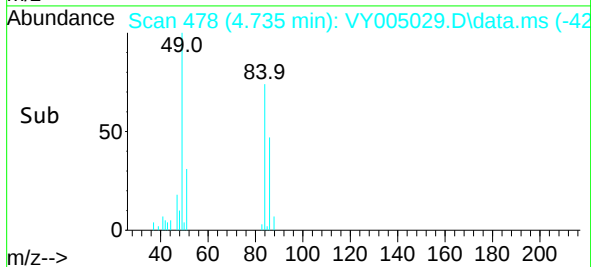
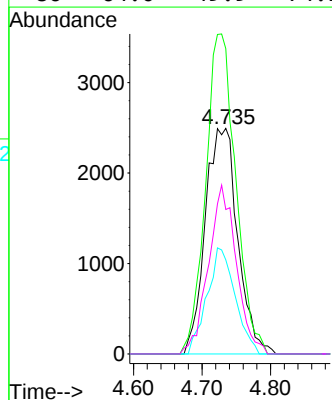
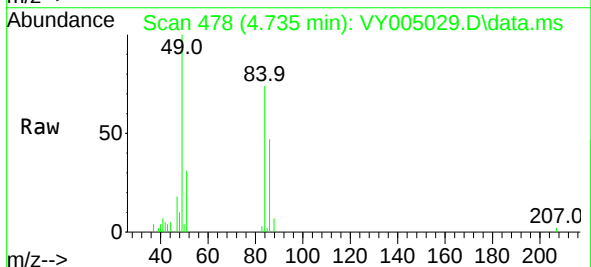


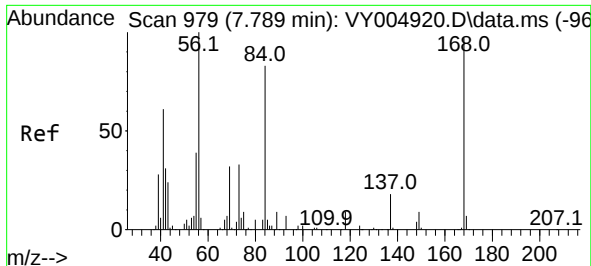
Tgt Ion: 43 Resp: 2907
Ion Ratio Lower Upper
43 100
58 27.1 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

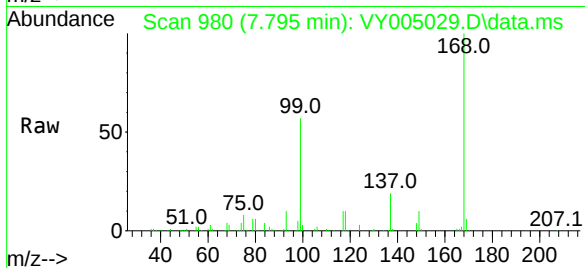
Tgt Ion: 84 Resp: 8217
Ion Ratio Lower Upper
84 100
49 135.3 108.0 162.0
51 41.7 32.6 48.8
86 64.0 49.9 74.9



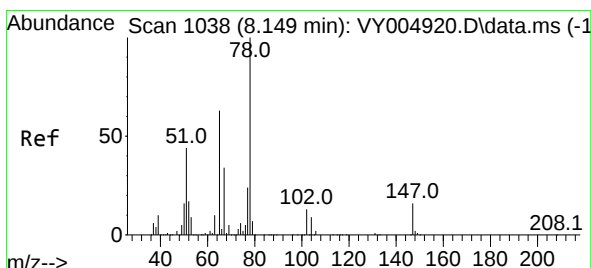
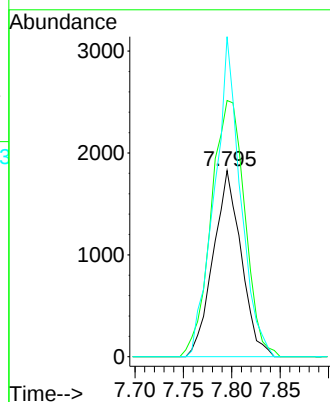
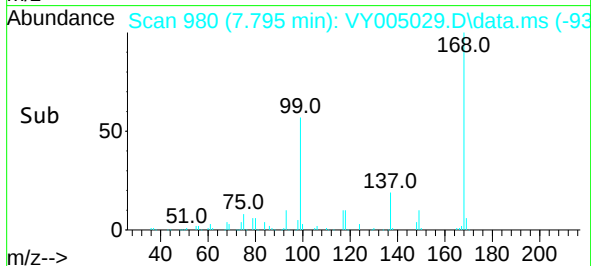


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

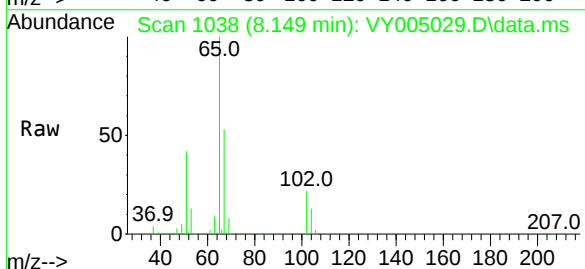
Instrument :
MSVOA_Y
ClientSampleId :



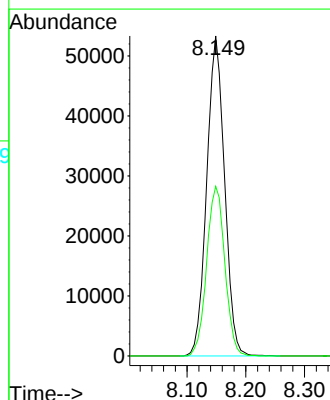
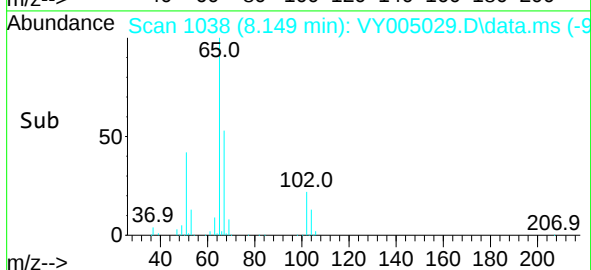
Tgt Ion: 56 Resp: 3681
Ion Ratio Lower Upper
56 100
69 137.7 25.3 37.9#
84 172.0 66.2 99.4#

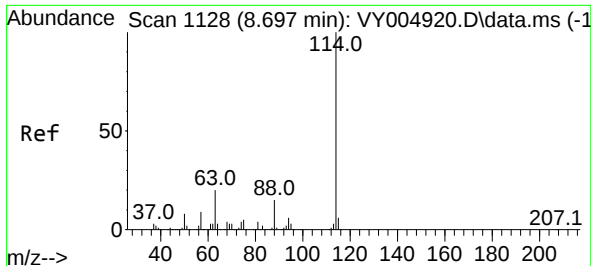


#33
1,2-Dichloroethane-d4
Concen: 64.198 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45



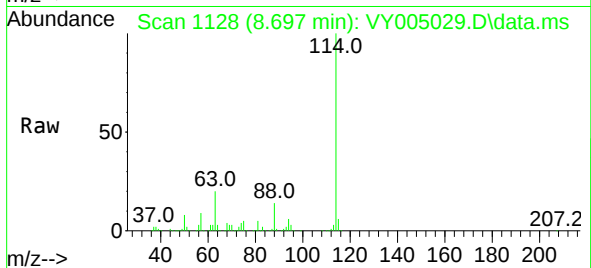
Tgt Ion: 65 Resp: 112594
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6



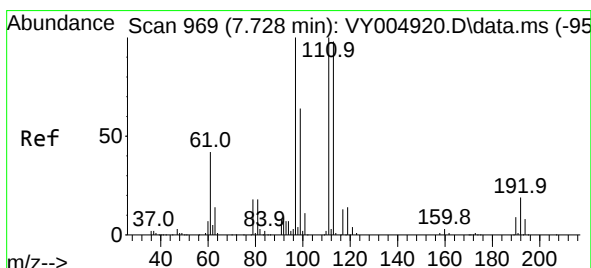
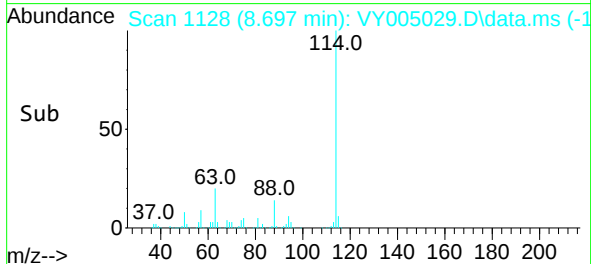
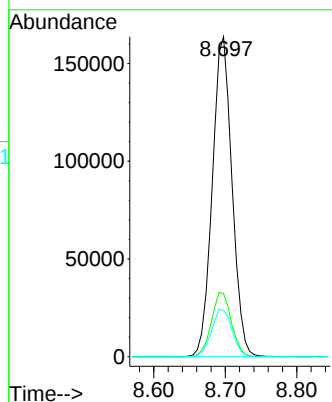


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

Instrument :
MSVOA_Y
ClientSampled :

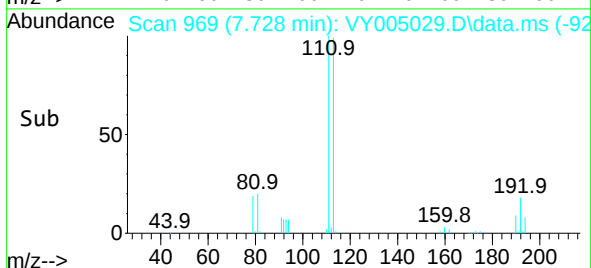
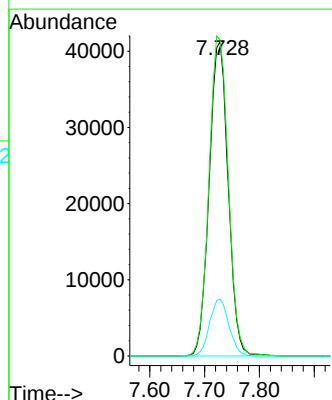
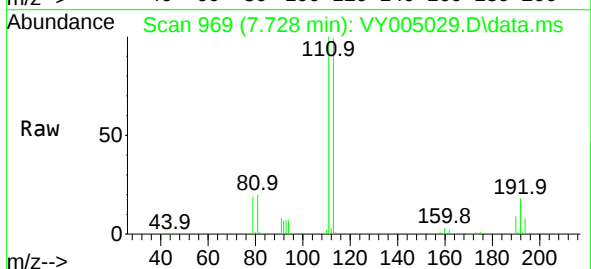


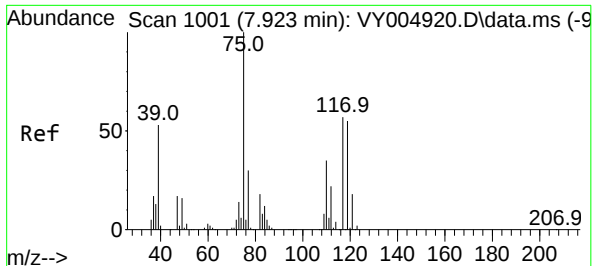
Tgt Ion:114 Resp: 312876
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.0
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.721 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

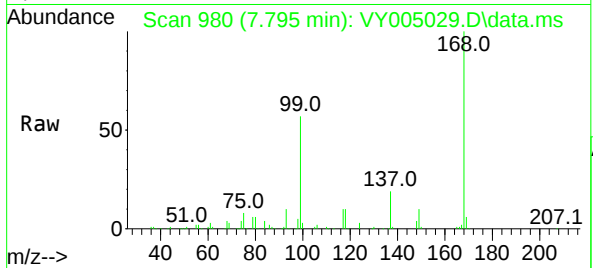
Tgt Ion:113 Resp: 98846
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 18.4 15.3 22.9



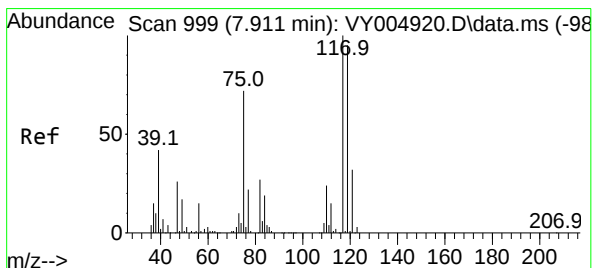
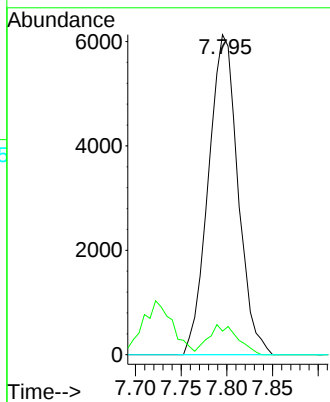
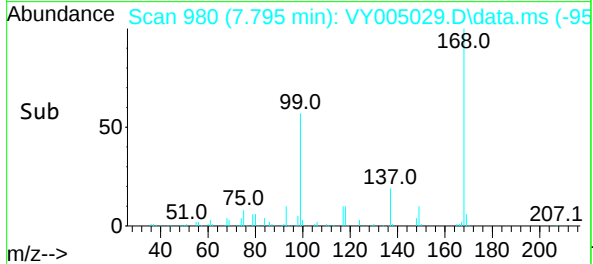


#36
 1,1-Dichloropropene
 Concen: 4.506 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005029.D
 Acq: 08 Jun 2021 17:45

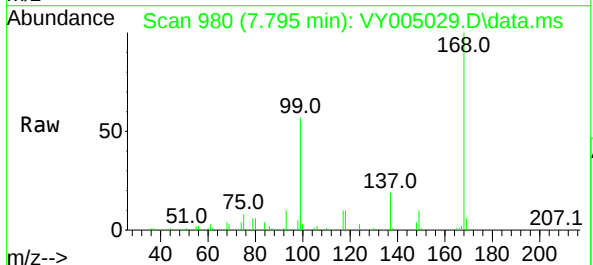
Instrument :
 MSVOA_Y
 ClientSampled :



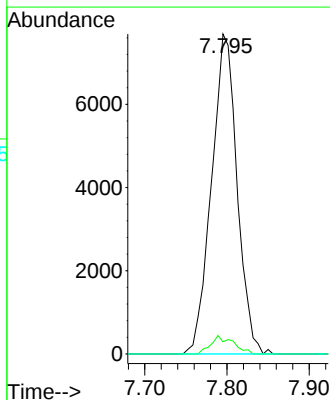
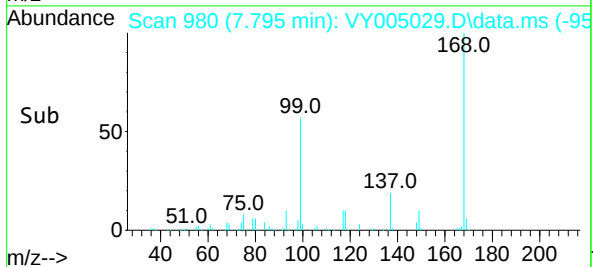
Tgt Ion: 75	Resp: 13798
Ion Ratio	Lower Upper
75	100
110	9.2 17.5 52.5#
77	0.0 25.1 37.7#

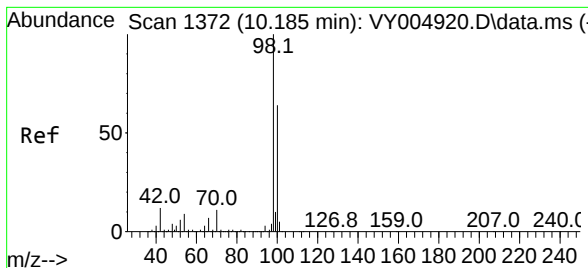


#38
 Carbon Tetrachloride
 Concen: 6.242 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005029.D
 Acq: 08 Jun 2021 17:45



Tgt Ion: 117	Resp: 16634
Ion Ratio	Lower Upper
117	100
119	3.8 76.1 114.1#
121	0.0 25.5 38.3#

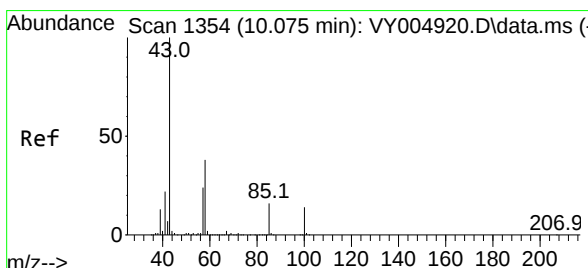
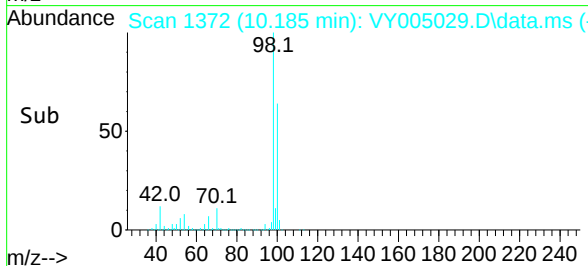
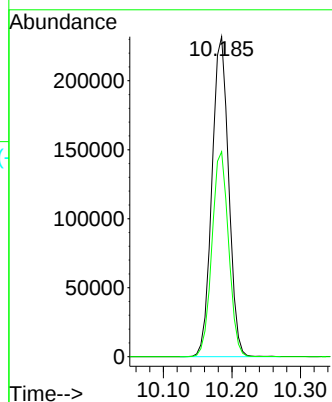
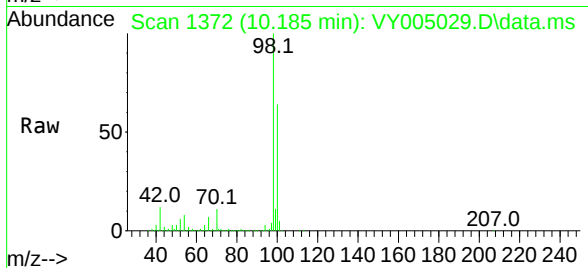




#50
Toluene-d8
Concen: 56.065 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

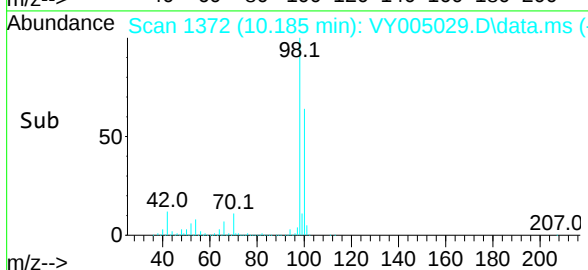
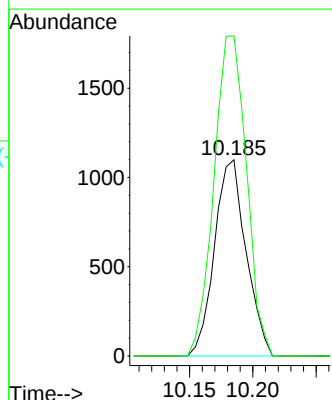
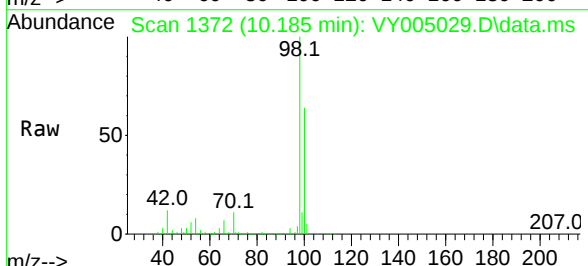
Instrument :
MSVOA_Y
ClientSampleId :

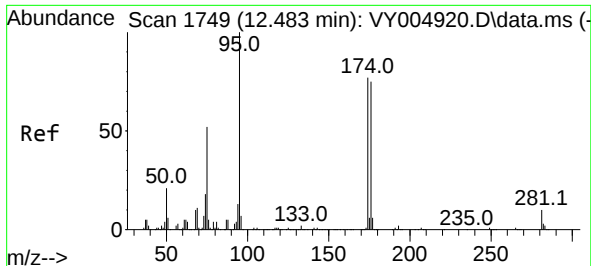
Tgt Ion: 98 Resp: 391949
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.004 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

Tgt Ion: 43 Resp: 1903
Ion Ratio Lower Upper
43 100
58 168.5 30.6 46.0#

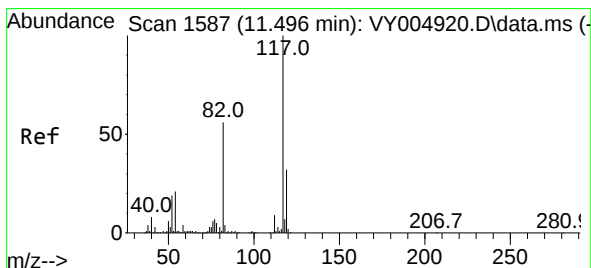
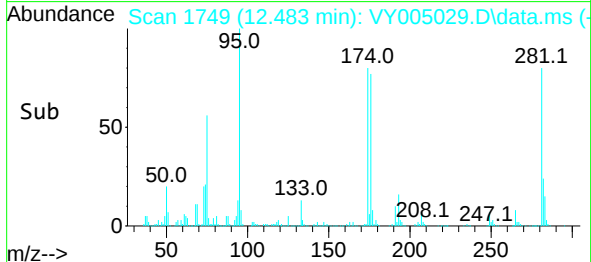
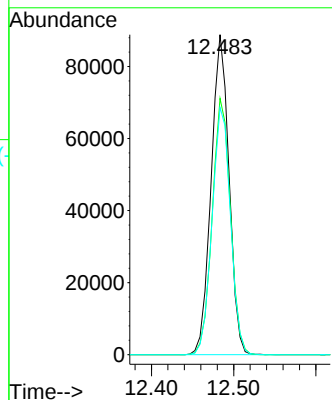
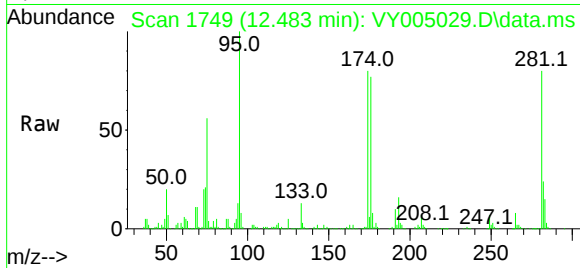




#62
4-Bromofluorobenzene
Concen: 55.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

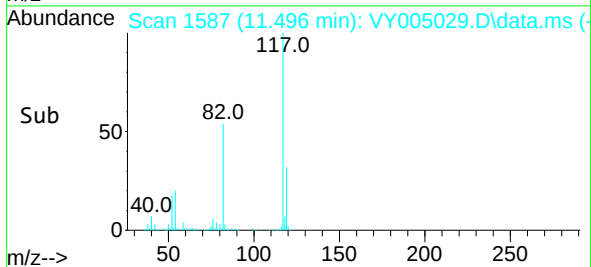
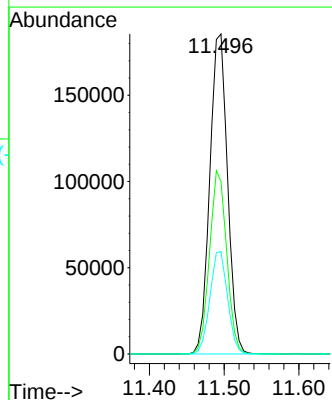
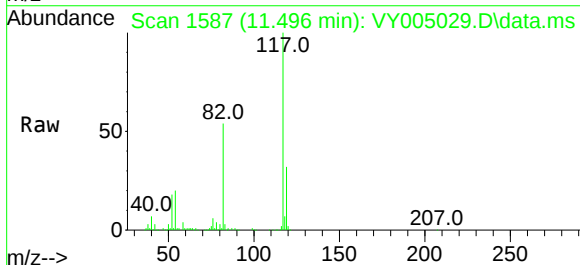
Instrument :
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ClientSampleId :

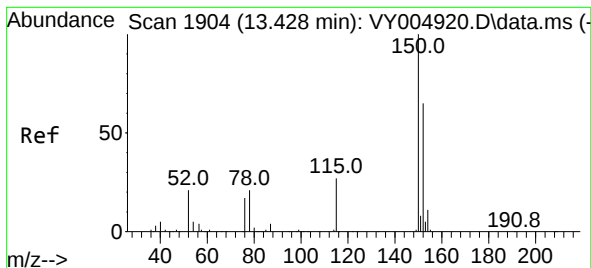
Tgt Ion: 95 Resp: 134050
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.8
176 79.4 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005029.D
Acq: 08 Jun 2021 17:45

Tgt Ion: 117 Resp: 305635
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 32.0 25.2 37.8

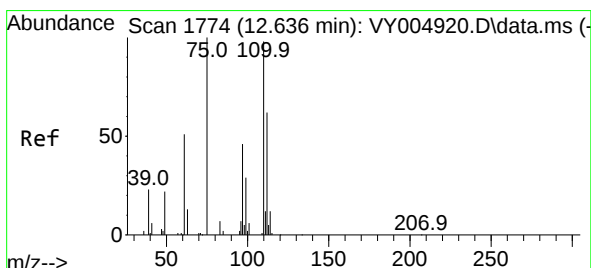
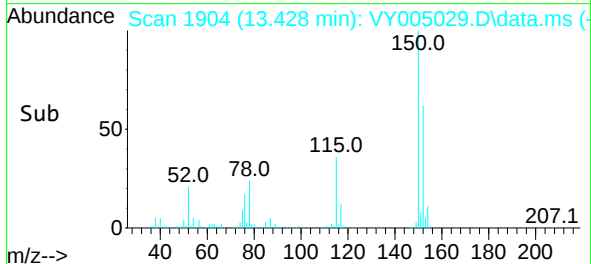
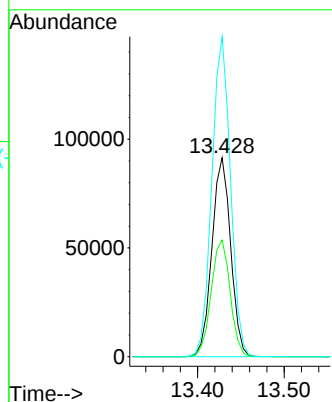
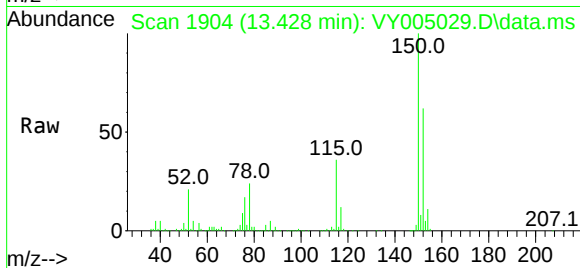




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005029.D
 Acq: 08 Jun 2021 17:45

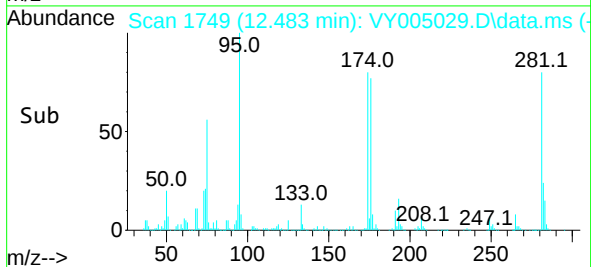
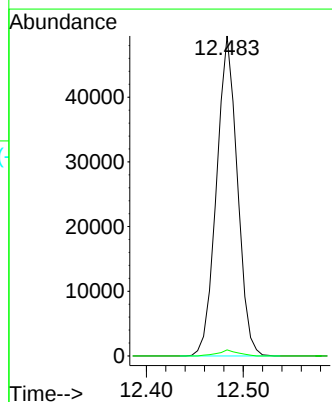
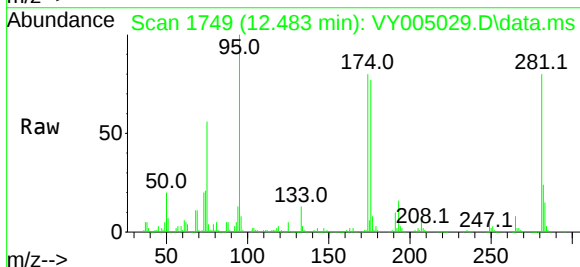
Instrument :
 MSVOA_Y
 ClientSampleId :

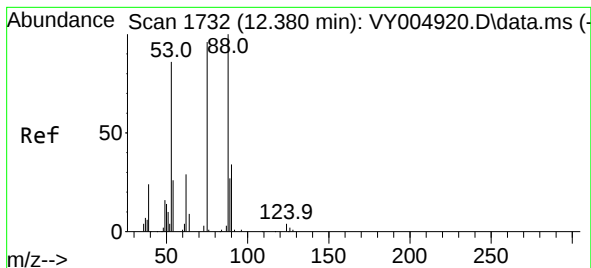
Tgt Ion:152 Resp: 137632
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.9 89.7
 150 159.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 49.006 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005029.D
 Acq: 08 Jun 2021 17:45

Tgt Ion: 75 Resp: 73936
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 90.062 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY005029.D

Acq: 08 Jun 2021 17:45

Tgt Ion: 75 Resp: 73936

Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

89 2.1 35.0 52.6#

Instrument :

MSVOA_Y

ClientSampleId :

