

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005166.D
 Acq On : 17 Jun 2021 18:53
 Operator : SY/MD
 Sample : M2748-14
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:04:45 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)

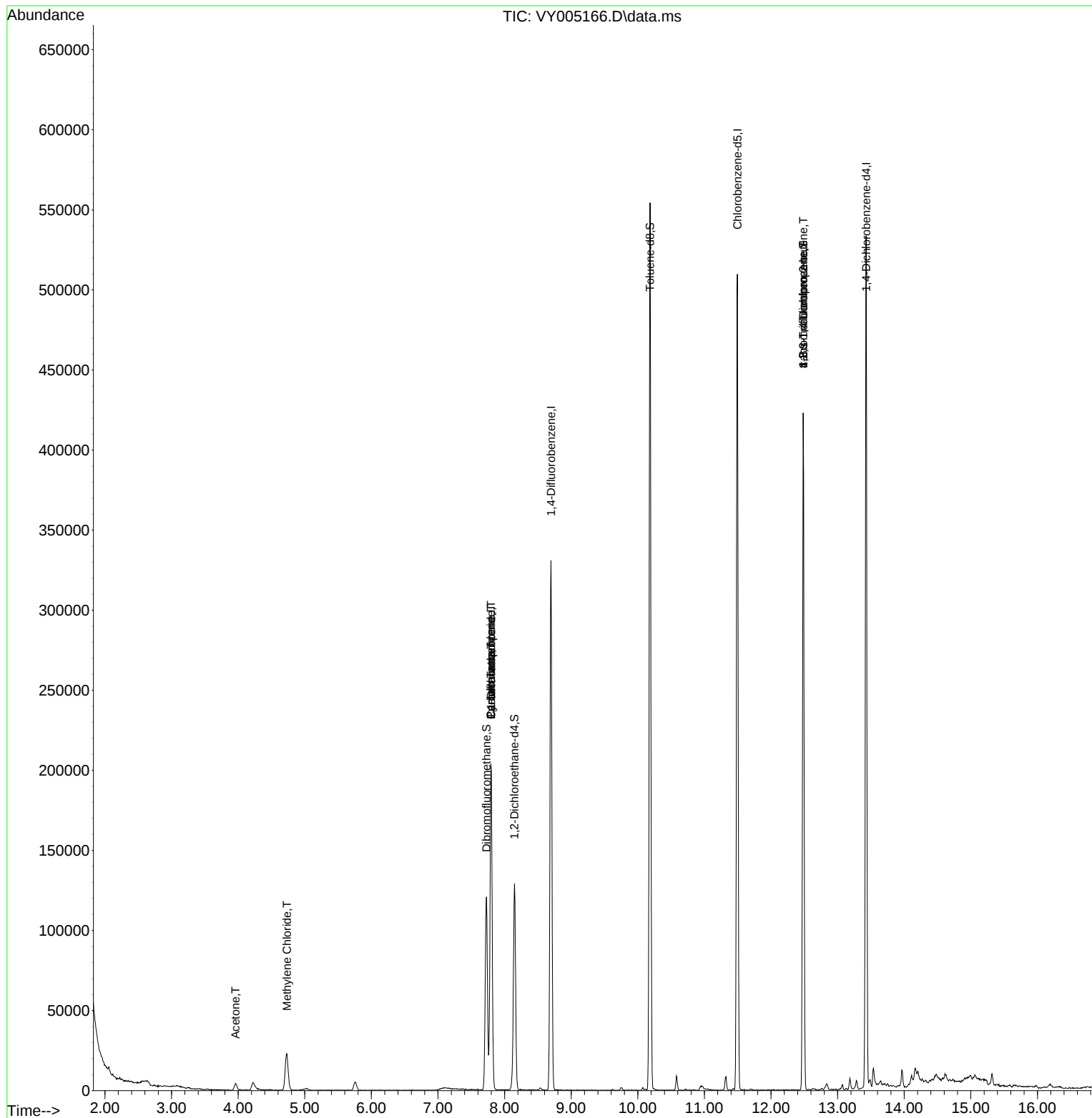
Internal Standards						
1) Pentafluorobenzene	7.795	168	156682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	282050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100694	66.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.940%	
35) Dibromofluoromethane	7.728	113	84243	69.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.560%	
50) Toluene-d8	10.185	98	354414	58.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.760%	
62) 4-Bromofluorobenzene	12.483	95	121136	59.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.680%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	1165	Below Cal	#	74
16) Acetone	3.960	43	7600	24.665	ug/l	93
20) Methylene Chloride	4.735	84	18033	4.433	ug/l	92
31) Cyclohexane	7.795	56	3158	1.225	ug/l	# 8
36) 1,1-Dichloropropene	7.795	75	11847	4.579	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	15493	5.640	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	63835	53.549	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	63835	99.900	ug/l	# 11

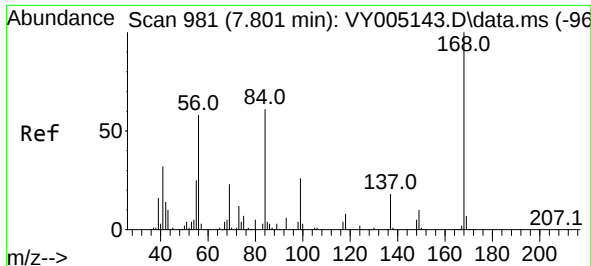
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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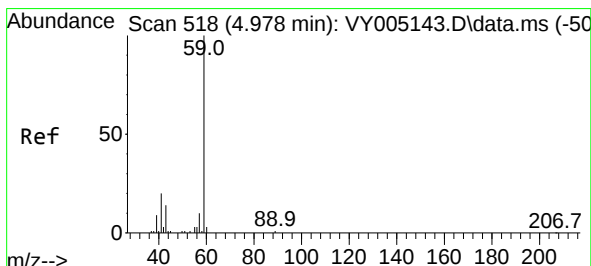
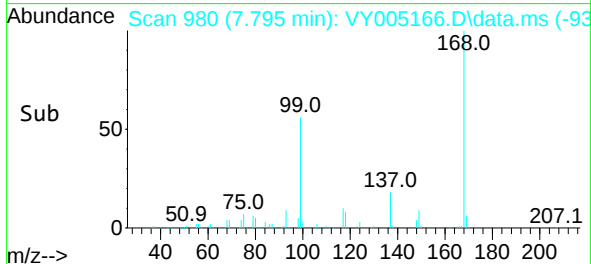
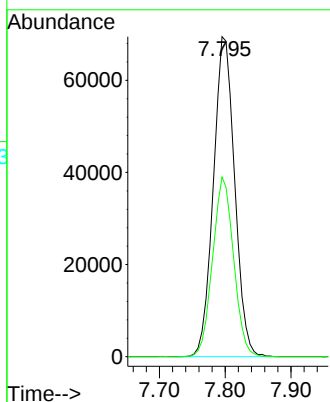
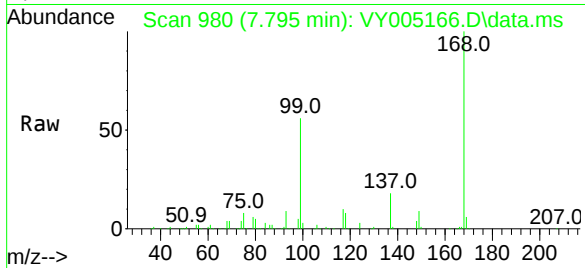




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

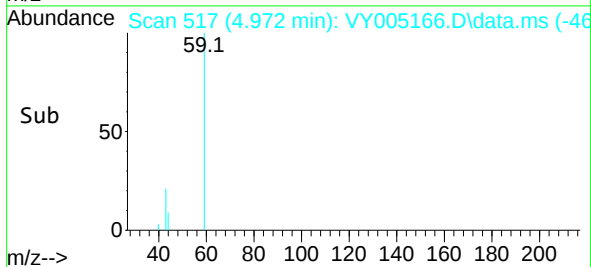
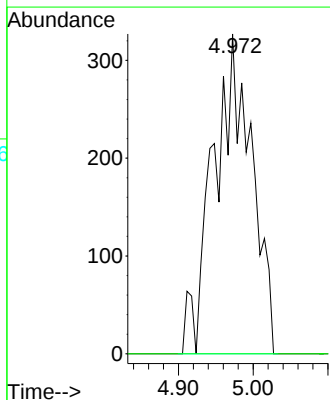
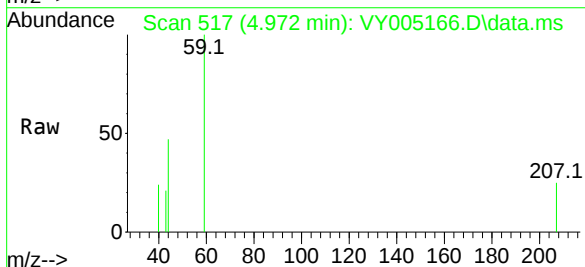
Instrument :
MSVOA_Y
ClientSampled :

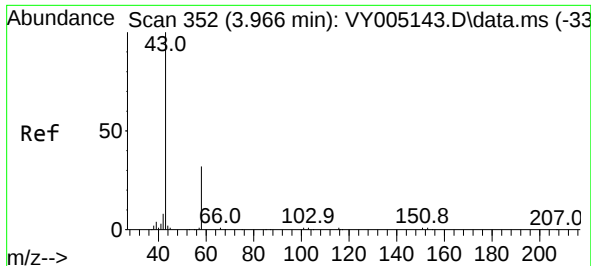
Tgt Ion:168 Resp: 156682
Ion Ratio Lower Upper
168 100
99 56.2 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

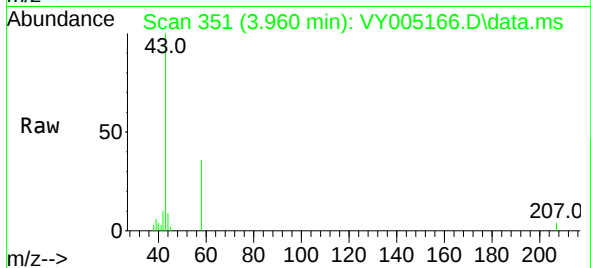
Tgt Ion: 59 Resp: 1165
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



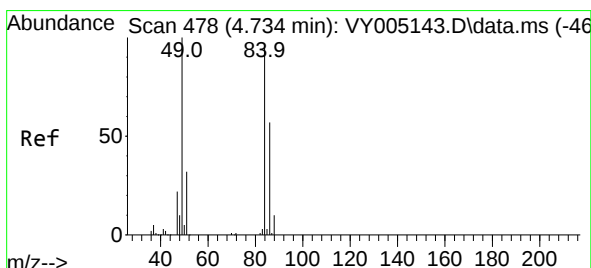
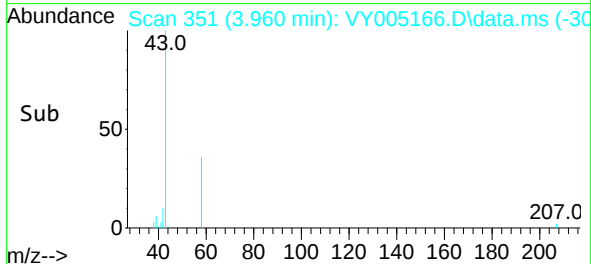
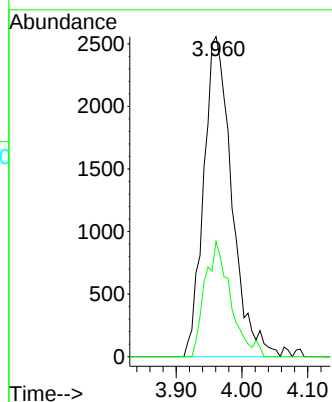


#16
Acetone
Concen: 24.665 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

Instrument :
MSVOA_Y
ClientSampleId :

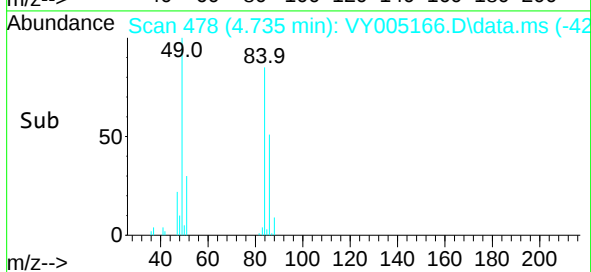
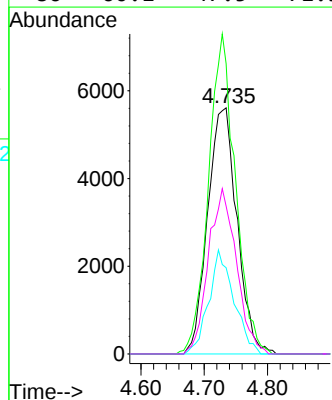
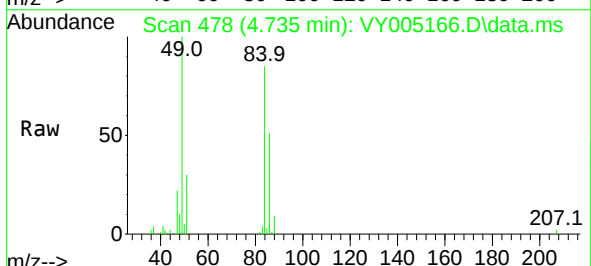


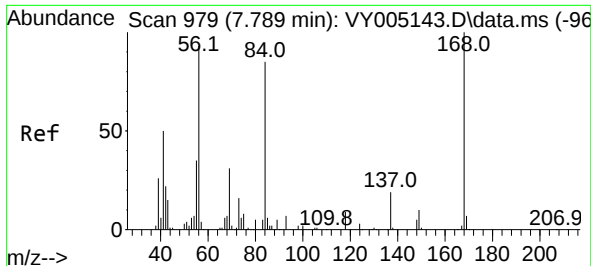
Tgt Ion: 43 Resp: 7600
Ion Ratio Lower Upper
43 100
58 36.0 25.6 38.4



#20
Methylene Chloride
Concen: 4.433 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

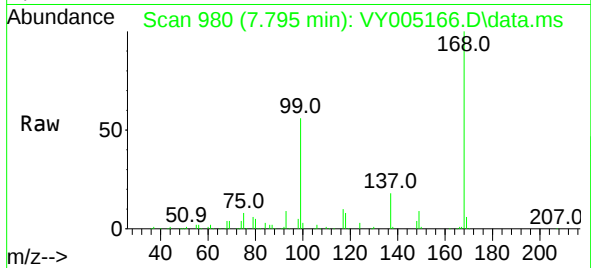
Tgt Ion: 84 Resp: 18033
Ion Ratio Lower Upper
84 100
49 117.9 83.4 125.2
51 35.0 26.8 40.2
86 60.1 47.5 71.3



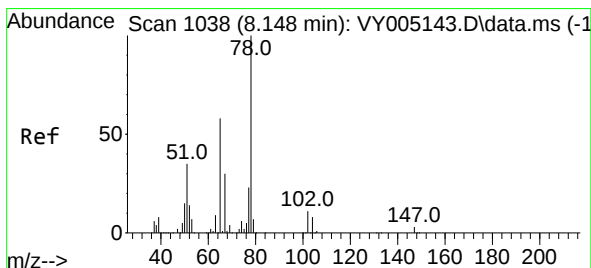
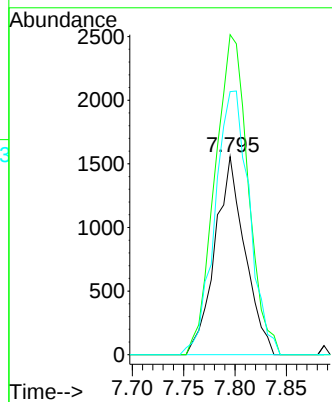
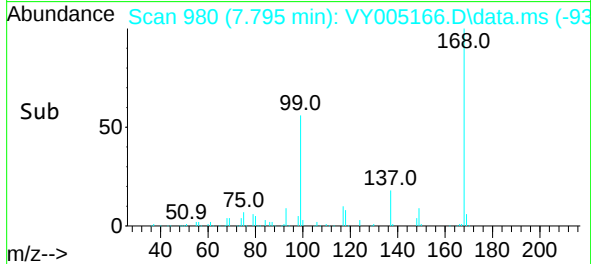


#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

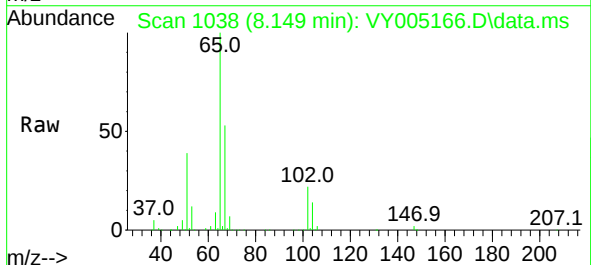
Instrument :
MSVOA_Y
ClientSampleId :



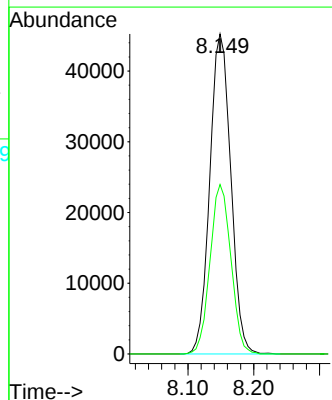
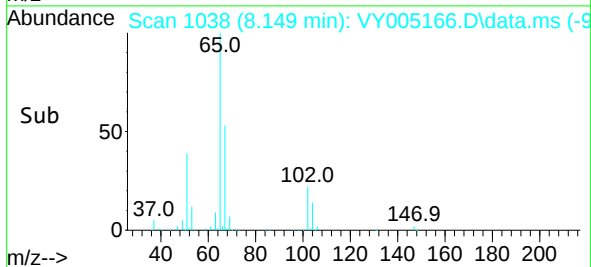
Tgt Ion: 56 Resp: 3158
Ion Ratio Lower Upper
56 100
69 161.5 26.3 39.5#
84 132.8 73.2 109.8#

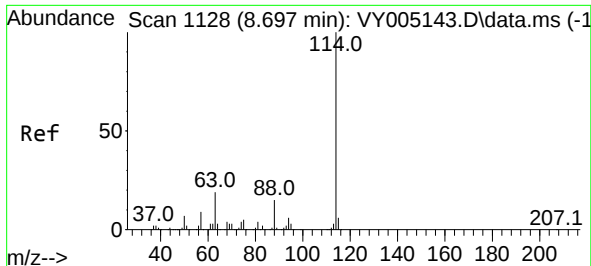


#33
1,2-Dichloroethane-d4
Concen: 66.467 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53



Tgt Ion: 65 Resp: 100694
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

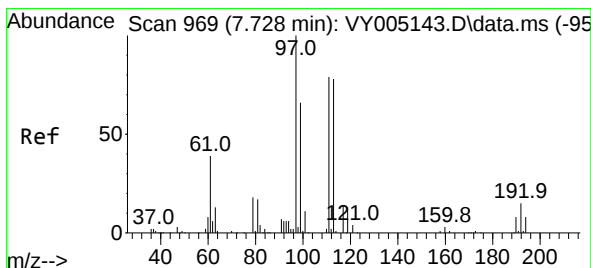
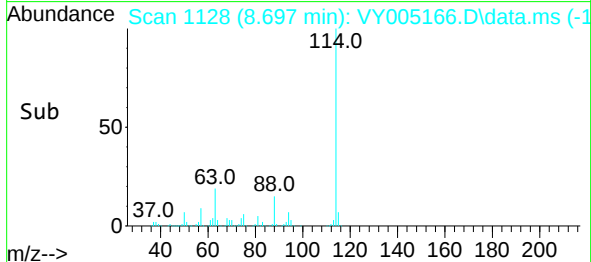
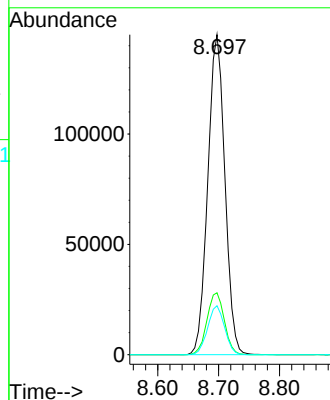
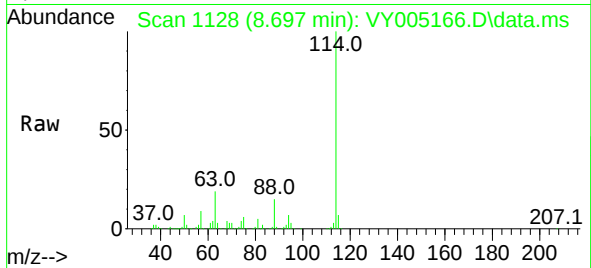




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

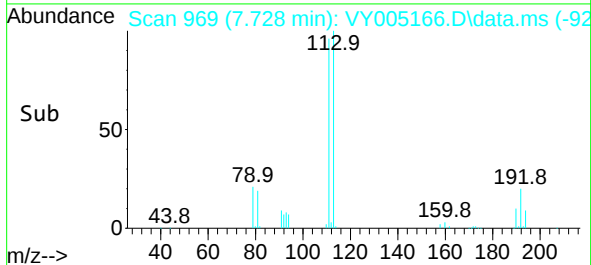
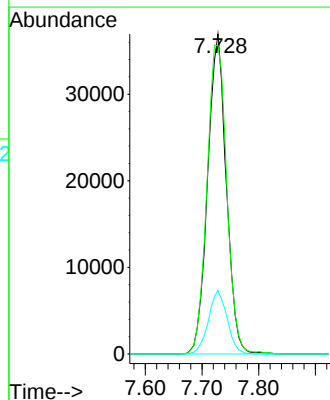
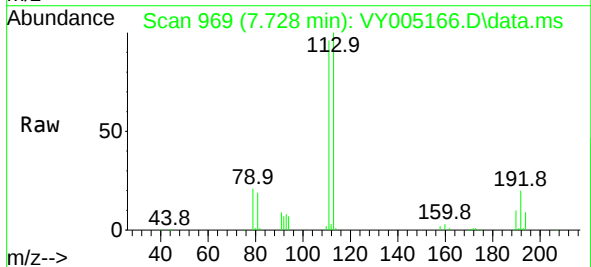
Instrument :
MSVOA_Y
ClientSampled :

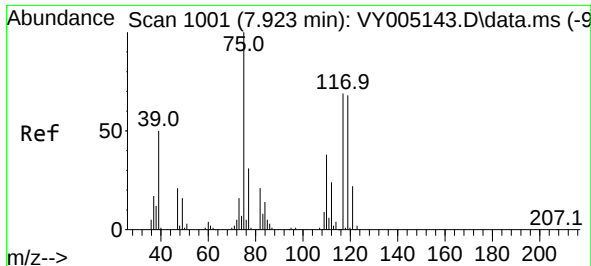
Tgt Ion:	114	Resp:	282537
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	37.6
88	15.3	0.0	29.6



#35
Dibromofluoromethane
Concen: 69.285 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

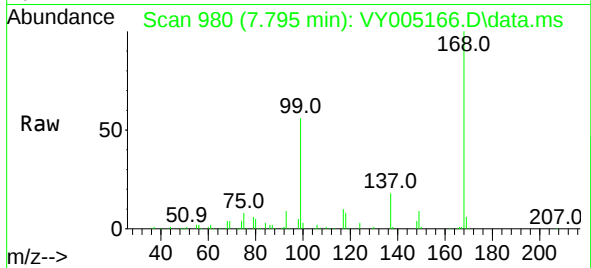
Tgt Ion:	113	Resp:	84243
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.3	123.5
192	19.9	16.2	24.2



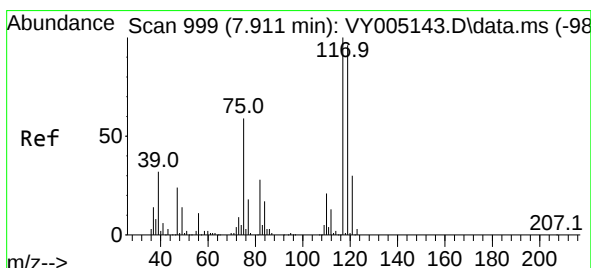
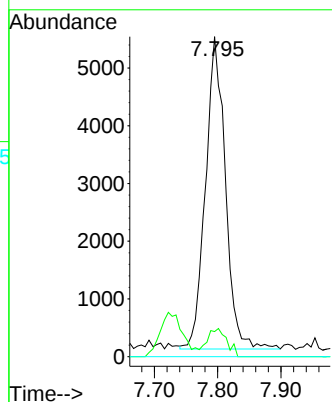
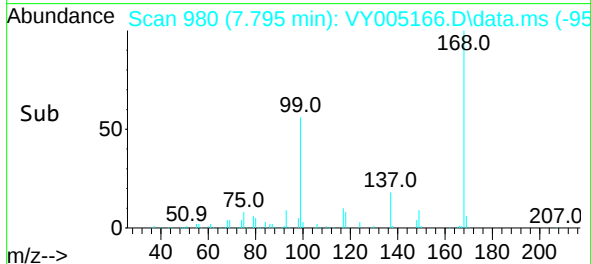


#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005166.D
 Acq: 17 Jun 2021 18:53

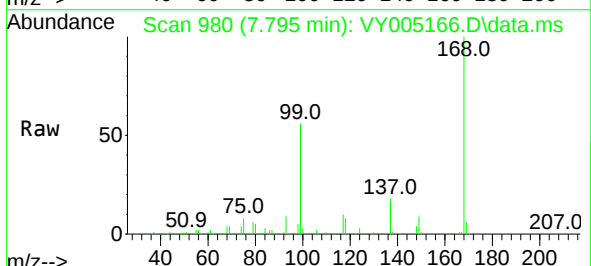
Instrument :
 MSVOA_Y
 ClientSampled :



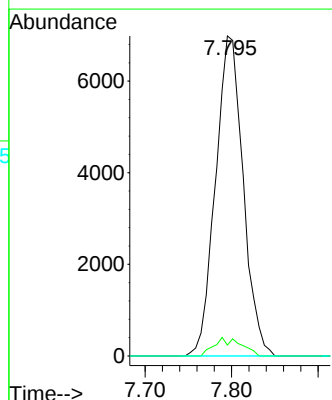
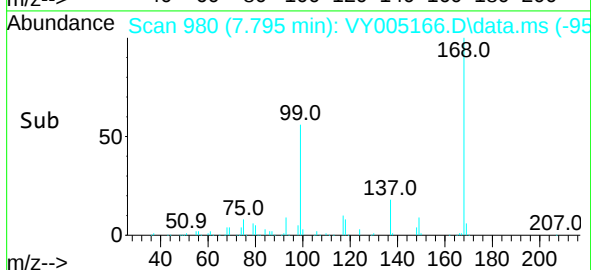
Tgt Ion: 75 Resp: 11847
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.8 56.3#
 77 0.0 24.6 36.8#

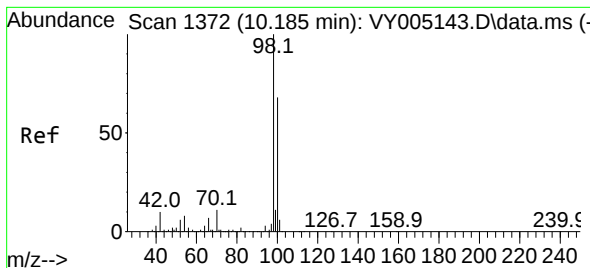


#38
 Carbon Tetrachloride
 Concen: 5.640 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005166.D
 Acq: 17 Jun 2021 18:53



Tgt Ion: 117 Resp: 15493
 Ion Ratio Lower Upper
 117 100
 119 3.4 76.9 115.3#
 121 0.0 24.2 36.4#

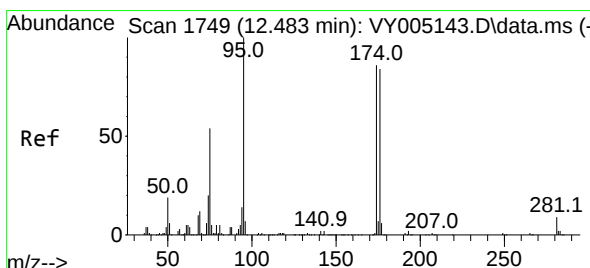
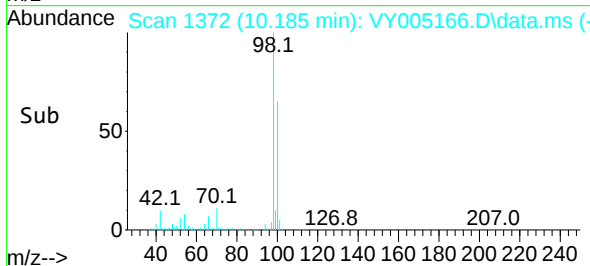
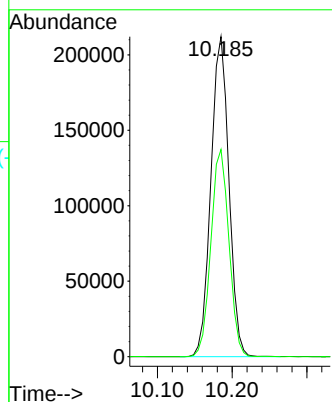
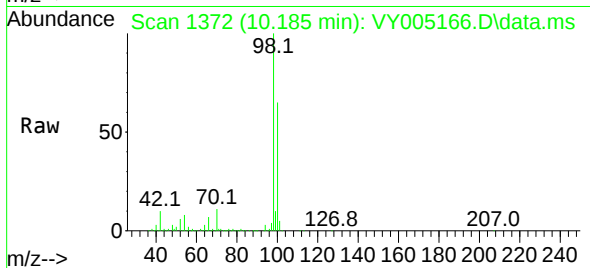




#50
Toluene-d8
Concen: 58.880 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

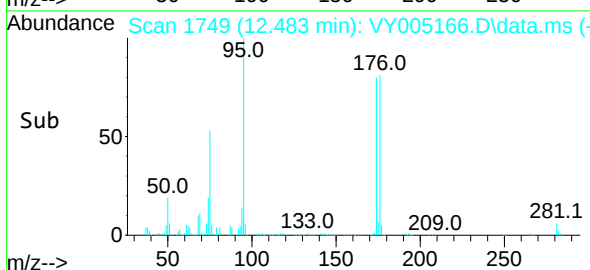
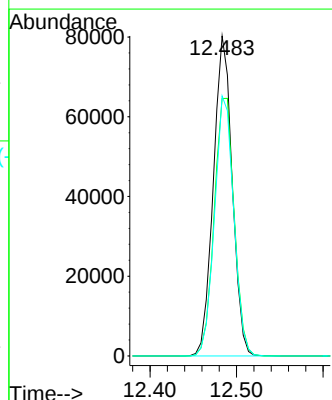
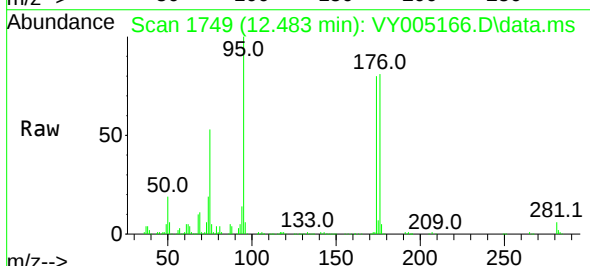
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ClientSampled :

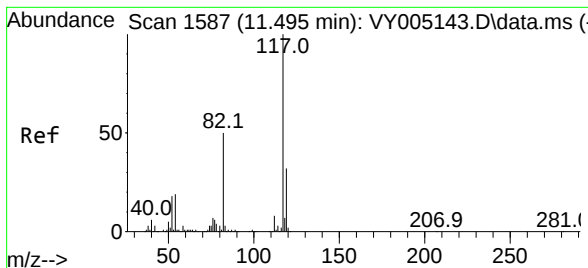
Tgt Ion: 98 Resp: 354414
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.838 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

Tgt Ion: 95 Resp: 121136
Ion Ratio Lower Upper
95 100
174 85.5 0.0 179.2
176 82.9 0.0 174.0

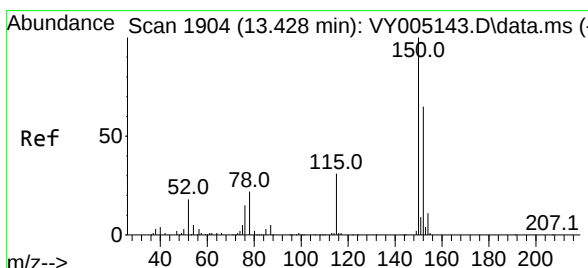
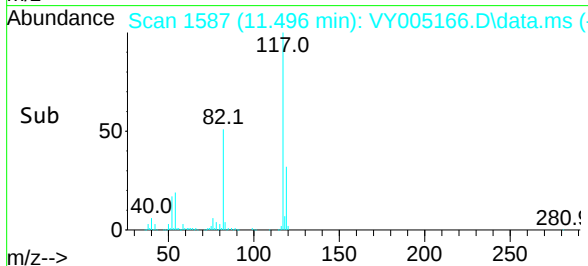
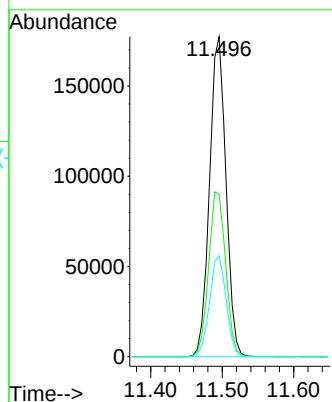
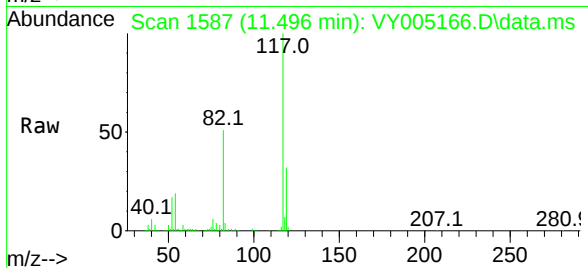




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

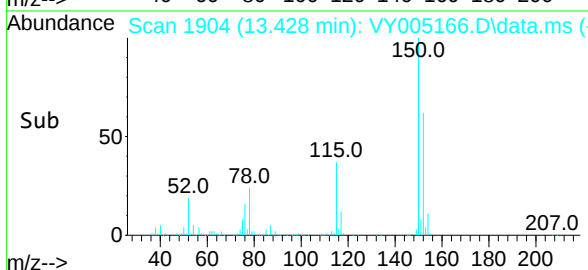
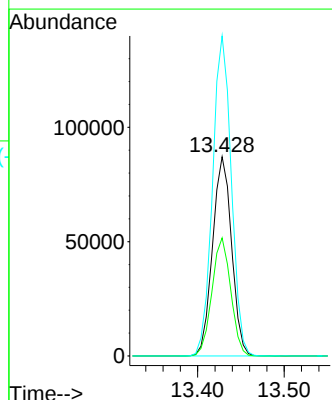
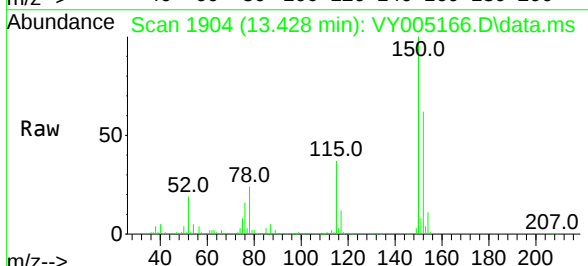
Instrument :
MSVOA_Y
ClientSampleId :

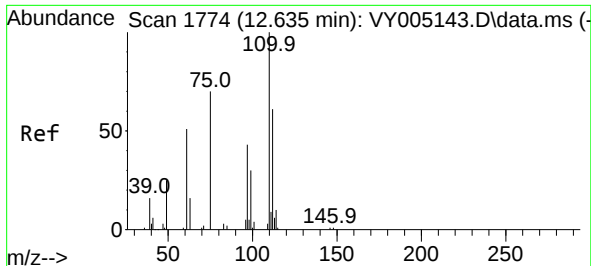
Tgt Ion:117 Resp: 282050
Ion Ratio Lower Upper
117 100
82 50.8 39.8 59.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

Tgt Ion:152 Resp: 133176
Ion Ratio Lower Upper
152 100
115 58.5 29.5 88.6
150 158.1 0.0 348.2

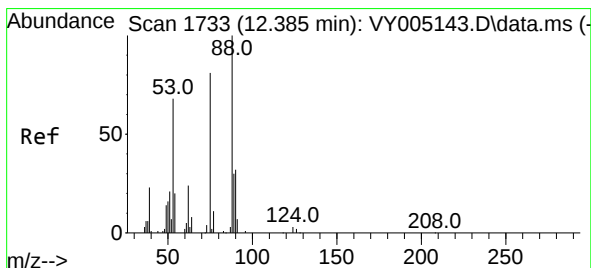
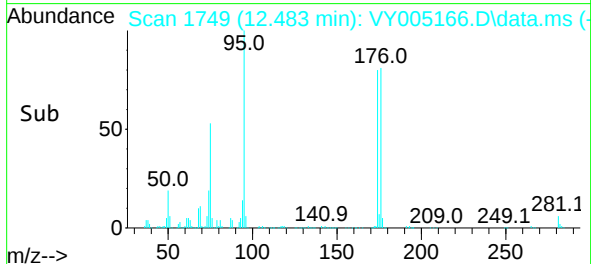
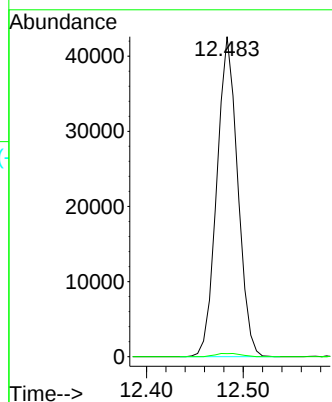
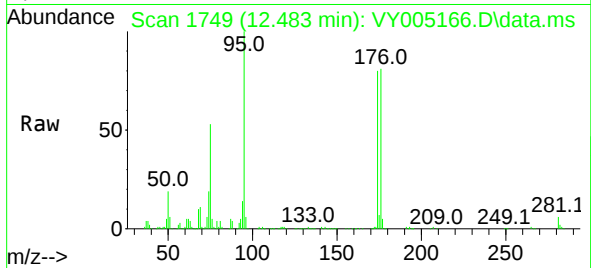




#76
1,2,3-Trichloropropane
Concen: 53.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63835
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.900 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY005166.D
Acq: 17 Jun 2021 18:53

Tgt Ion: 75 Resp: 63835
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.1 44.1 66.1#

