

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005048.D
 Acq On : 09 Jun 2021 15:55
 Operator : SY/MD
 Sample : M2625-15RE
 Misc : 7.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:42:20 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)

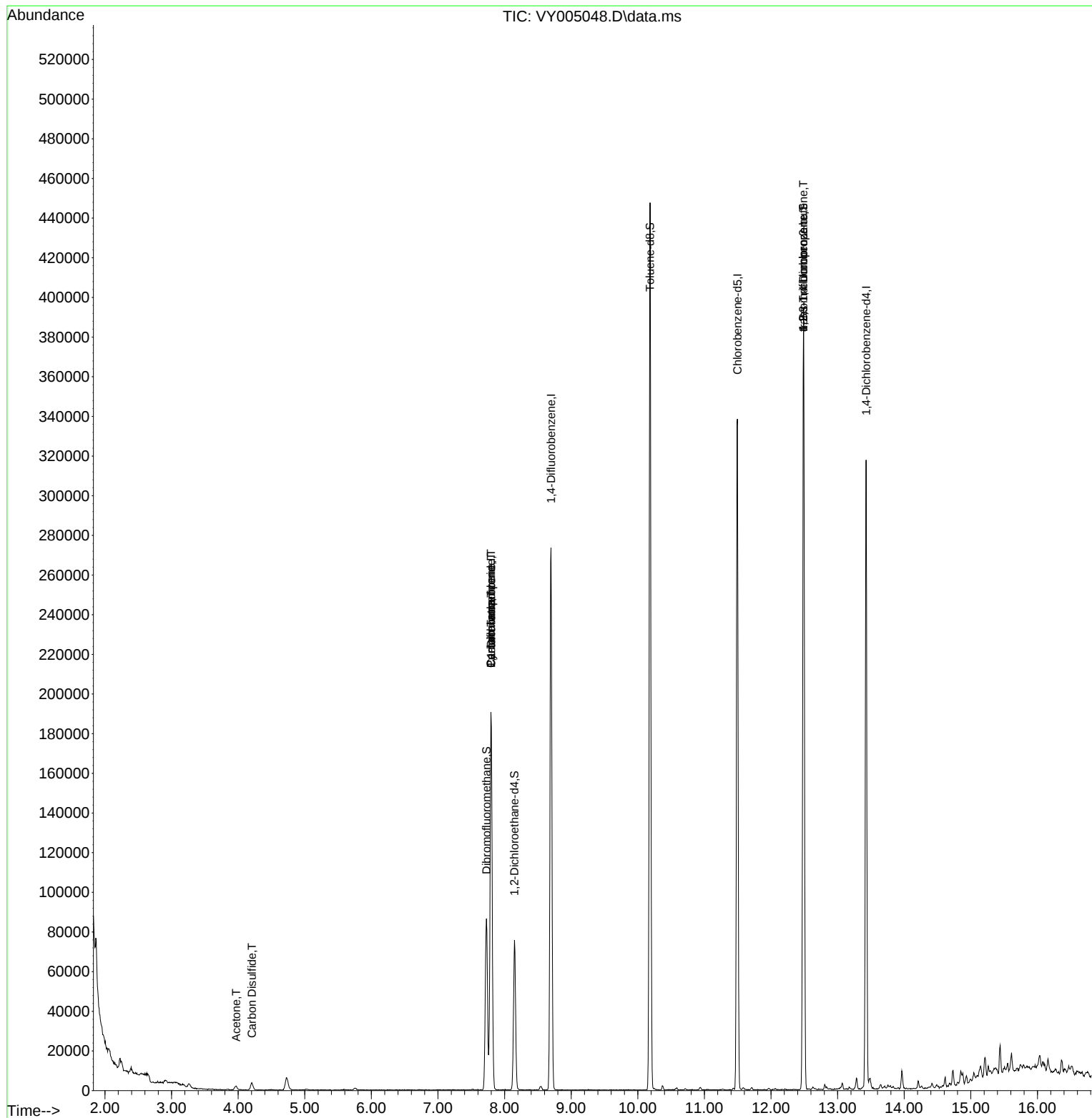
Internal Standards						
1) Pentafluorobenzene	7.795	168	143543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	187524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56784	37.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.840%
35) Dibromofluoromethane	7.728	113	62743	49.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.185	98	281335	53.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.940%
62) 4-Bromofluorobenzene	12.483	95	76008	42.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.800%
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	3648	9.986	ug/l	98
17) Carbon Disulfide	4.204	76	7172	1.581	ug/l	95
20) Methylene Chloride	4.728	84	4586	Below Cal		92
31) Cyclohexane	7.795	56	3272	1.225	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12080	5.291	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14726	7.411	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39981	45.694	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39981	83.976	ug/l #	16

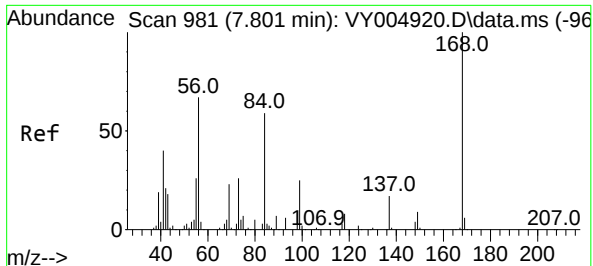
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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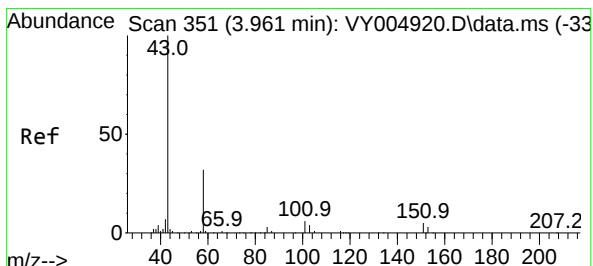
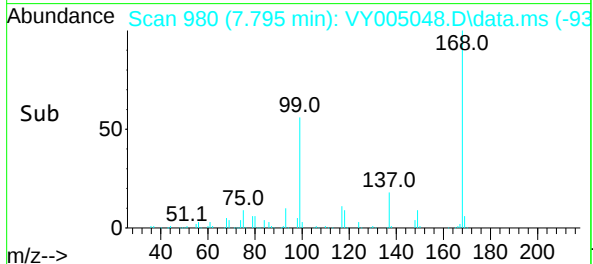
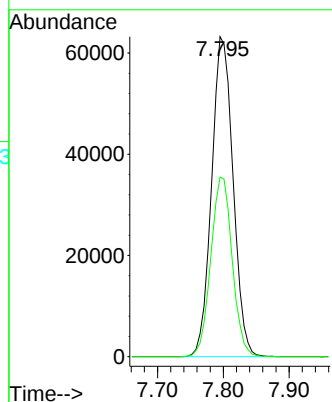
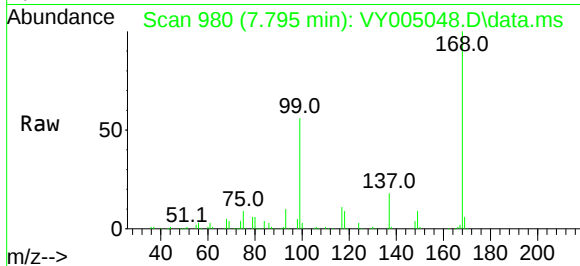




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

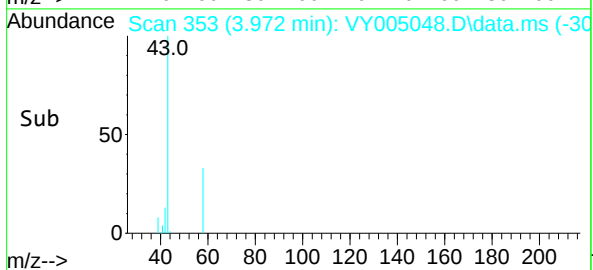
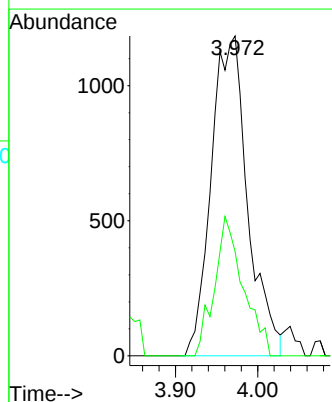
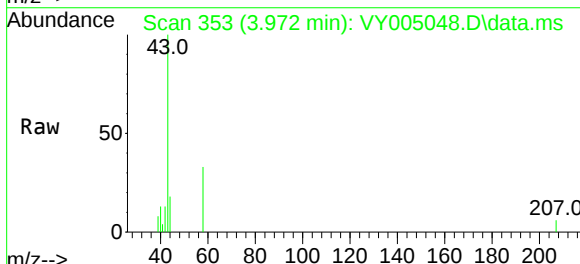
Instrument :
MSVOA_Y
ClientSampled :

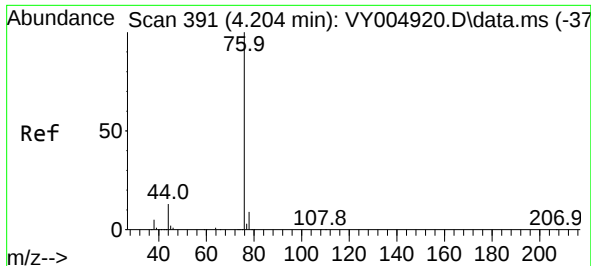
Tgt Ion:168 Resp: 143543
Ion Ratio Lower Upper
168 100
99 56.1 43.9 65.9



#16
Acetone
Concen: 9.986 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

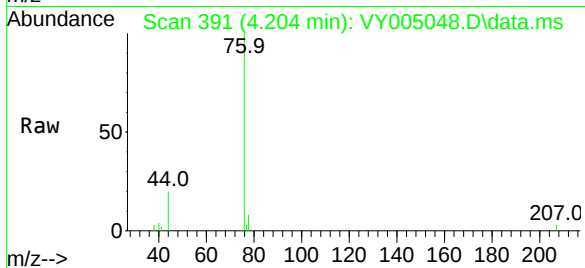
Tgt Ion: 43 Resp: 3648
Ion Ratio Lower Upper
43 100
58 32.6 25.3 37.9



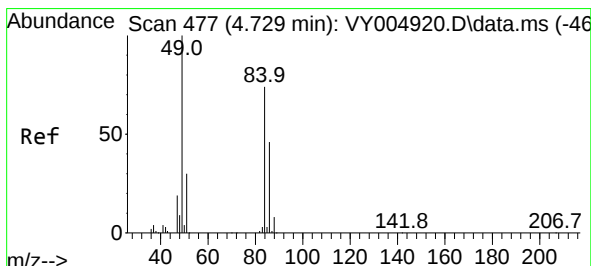
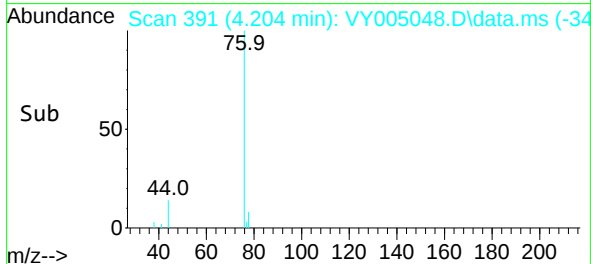
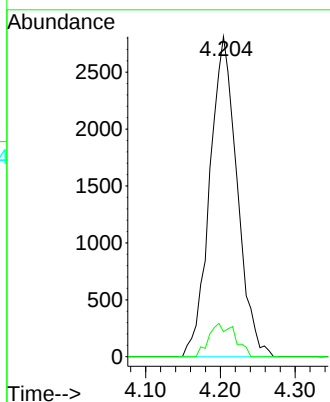


#17
Carbon Disulfide
Concen: 1.581 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

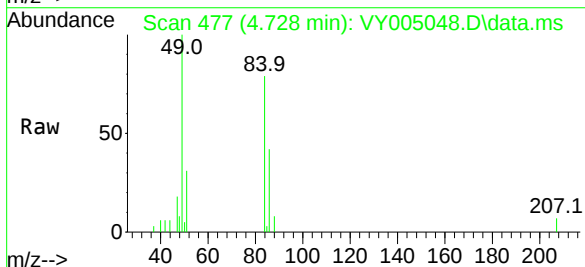
Instrument :
MSVOA_Y
ClientSampled :



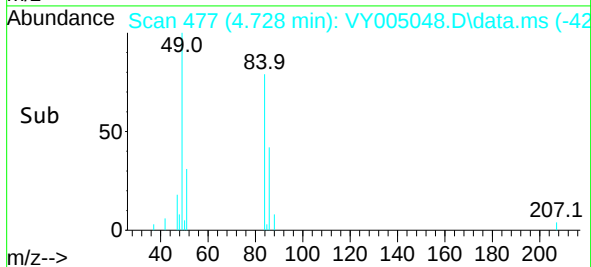
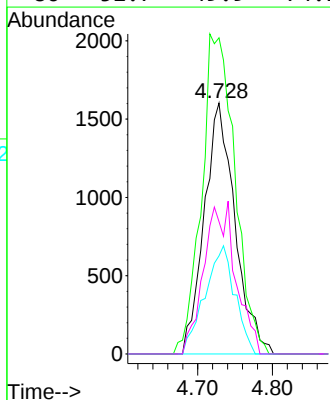
Tgt Ion: 76 Resp: 7172
Ion Ratio Lower Upper
76 100
78 7.8 7.6 11.4

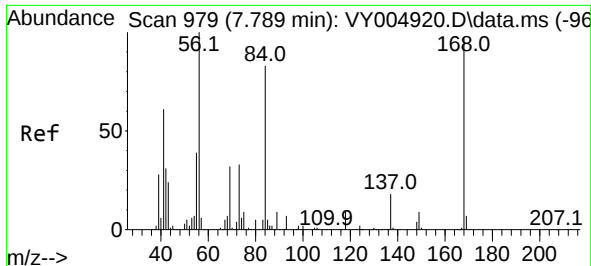


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55



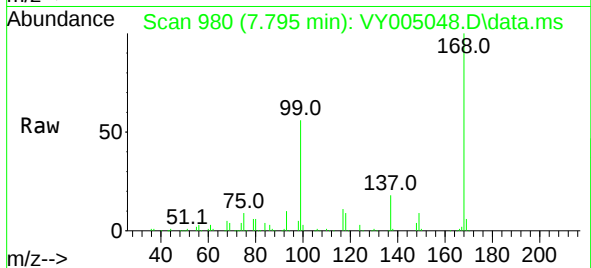
Tgt Ion: 84 Resp: 4586
Ion Ratio Lower Upper
84 100
49 126.0 108.0 162.0
51 39.1 32.6 48.8
86 52.7 49.9 74.9



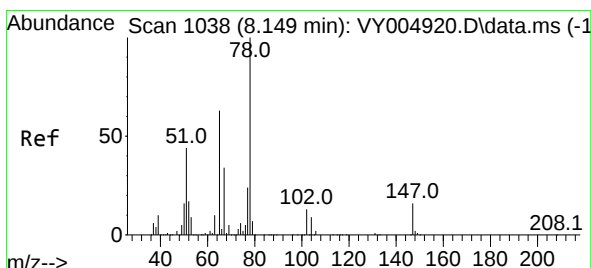
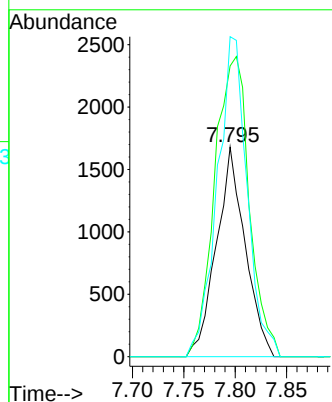
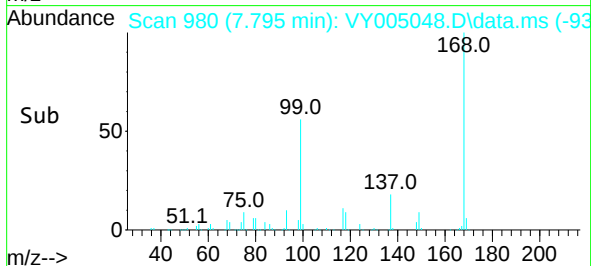


#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

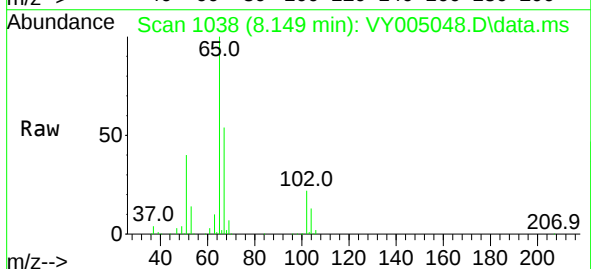
Instrument :
MSVOA_Y
ClientSampled :



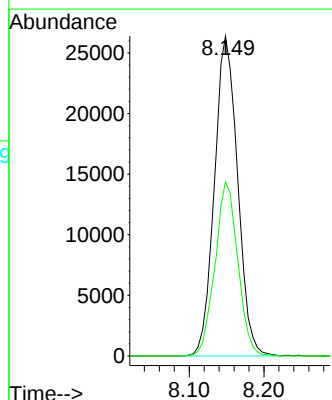
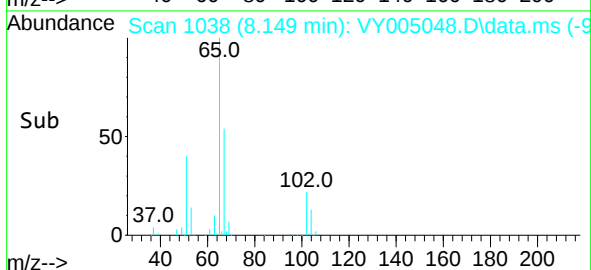
Tgt Ion: 56 Resp: 3272
Ion Ratio Lower Upper
56 100
69 138.8 25.3 37.9#
84 152.7 66.2 99.4#

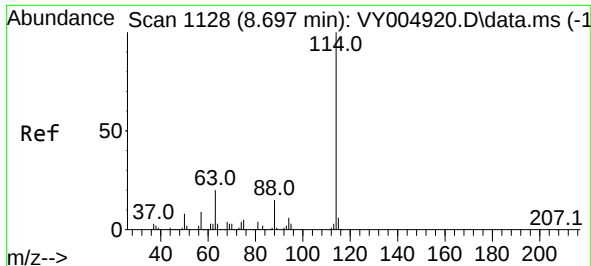


#33
1,2-Dichloroethane-d4
Concen: 37.419 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55



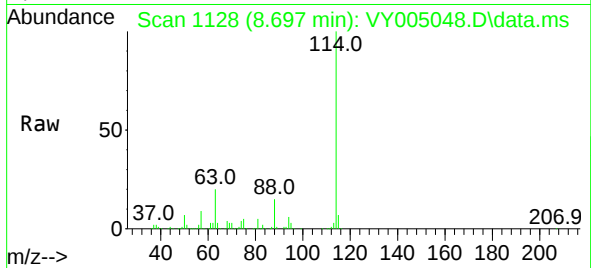
Tgt Ion: 65 Resp: 56784
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6



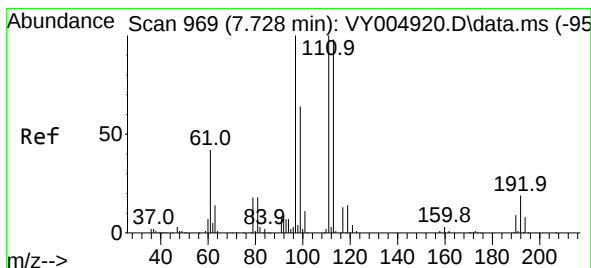
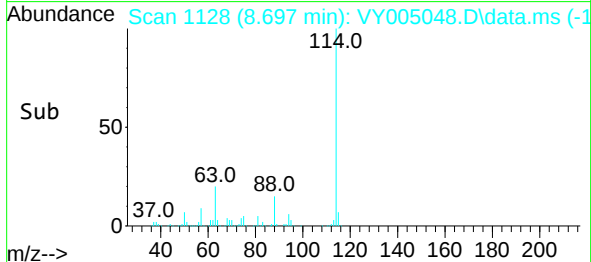
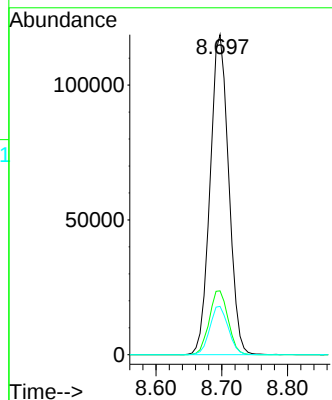


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

Instrument :
MSVOA_Y
ClientSampleId :

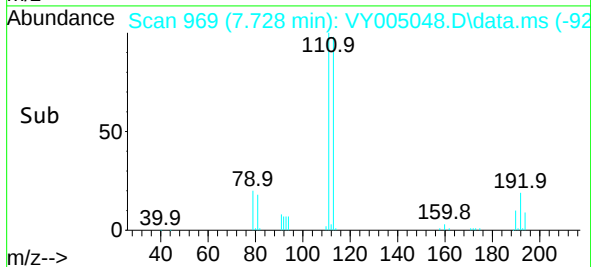
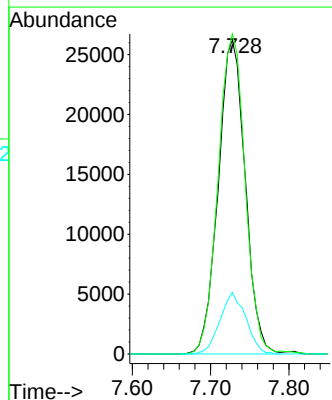
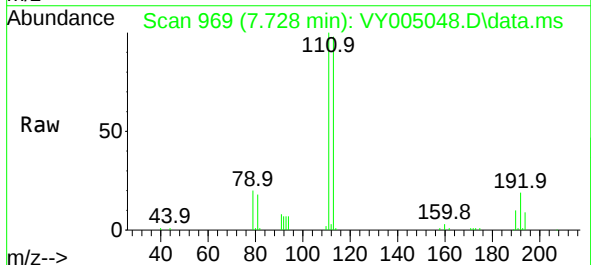


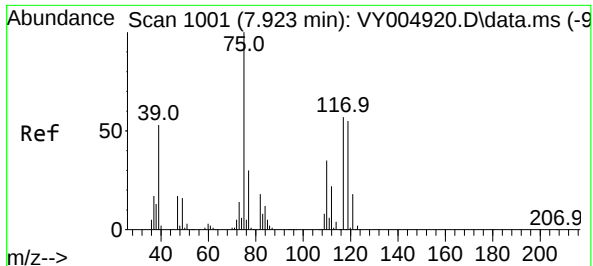
Tgt Ion:114 Resp: 233303
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.0
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.987 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

Tgt Ion:113 Resp: 62743
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 18.8 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.291 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005048.D

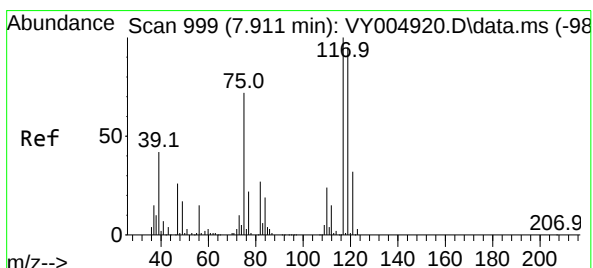
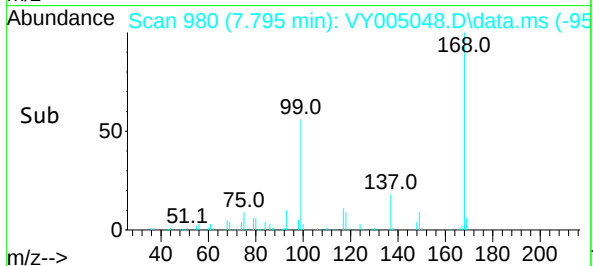
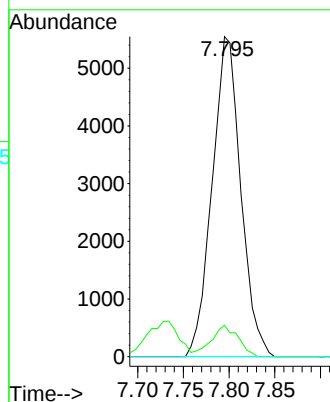
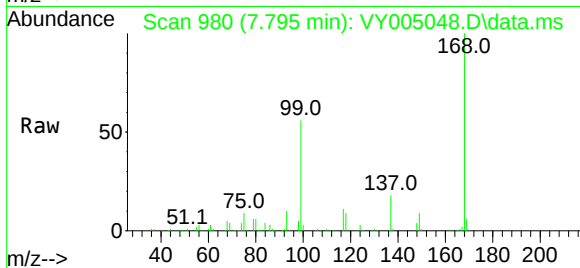
Acq: 09 Jun 2021 15:55

Instrument :

MSVOA_Y

ClientSampled :

Tgt Ion:	75	Resp:	12080
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 7.411 ug/l

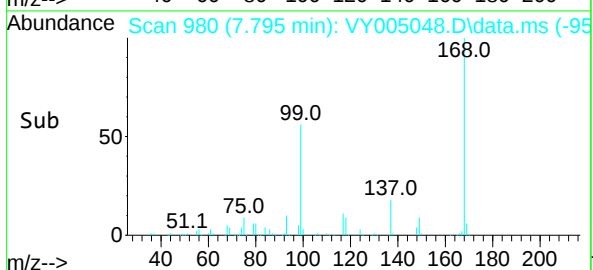
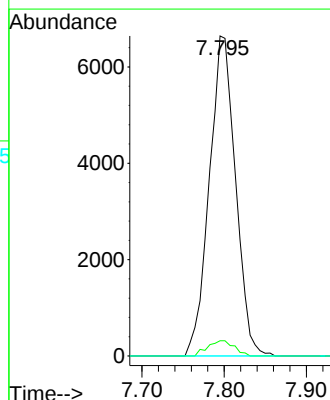
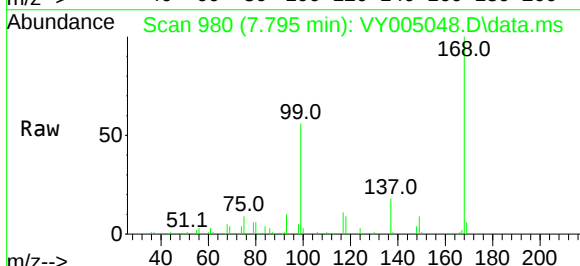
RT: 7.795 min Scan# 980

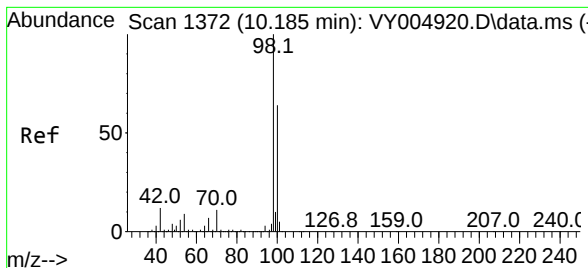
Delta R.T. -0.116 min

Lab File: VY005048.D

Acq: 09 Jun 2021 15:55

Tgt Ion:	117	Resp:	14726
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.1	114.1#
121	0.0	25.5	38.3#

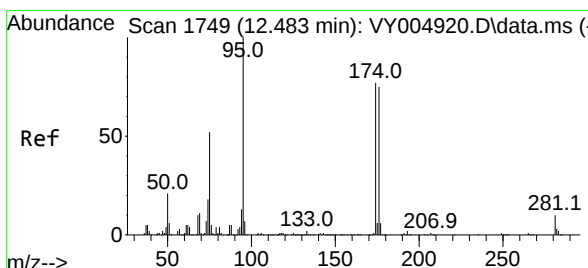
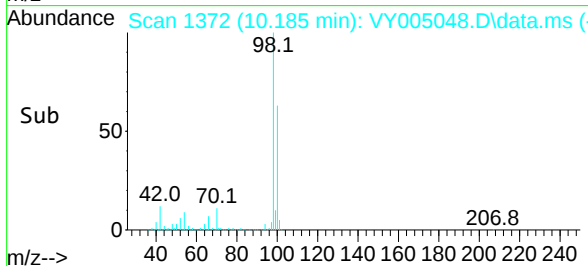
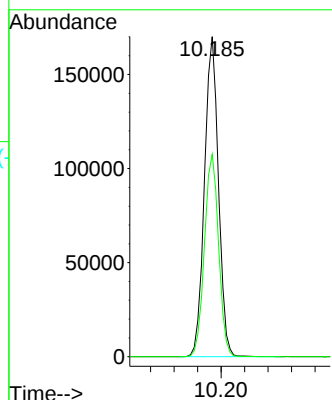
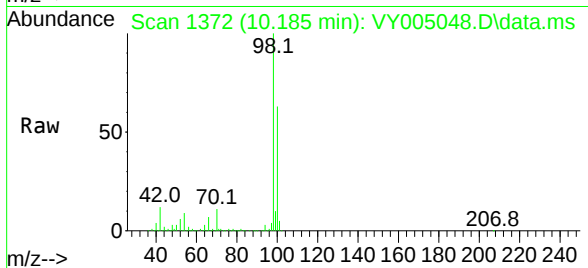




#50
Toluene-d8
Concen: 53.968 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

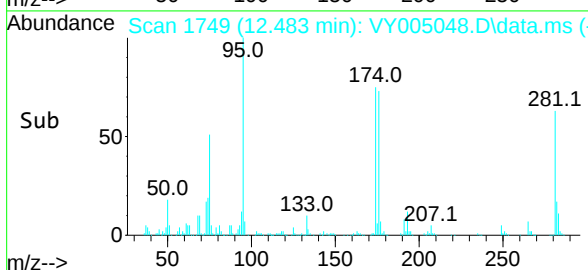
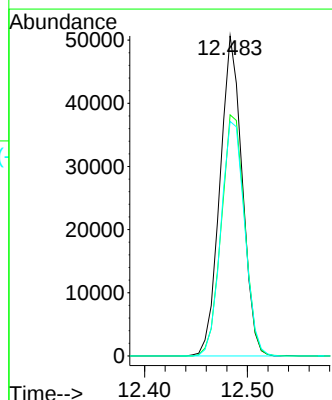
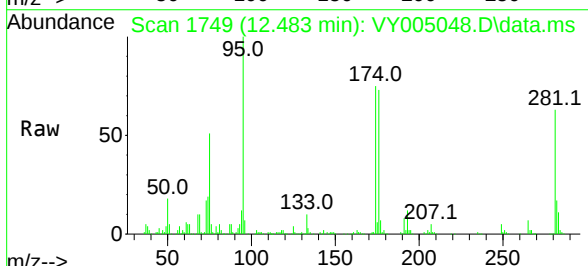
Instrument :
MSVOA_Y
ClientSampleId :

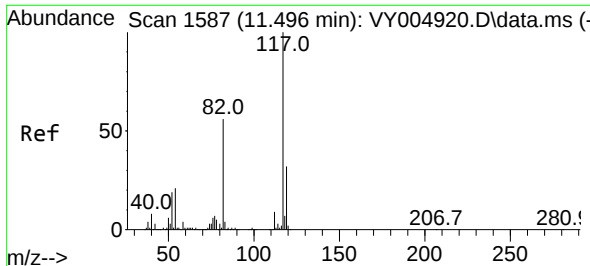
Tgt Ion: 98 Resp: 281335
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 42.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

Tgt Ion: 95 Resp: 76008
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.8
176 78.0 0.0 155.6

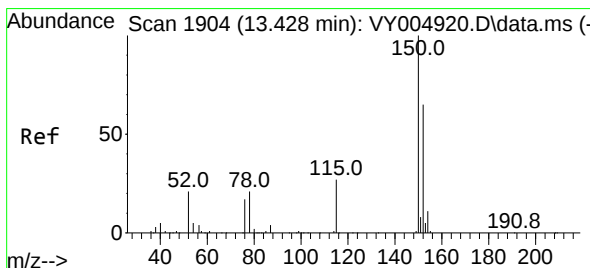
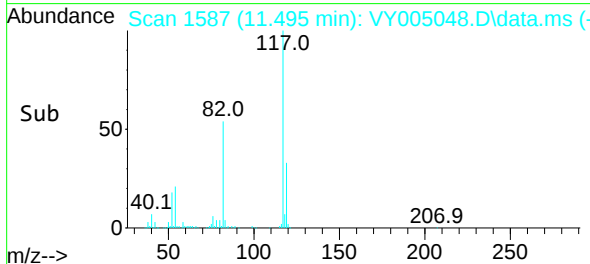
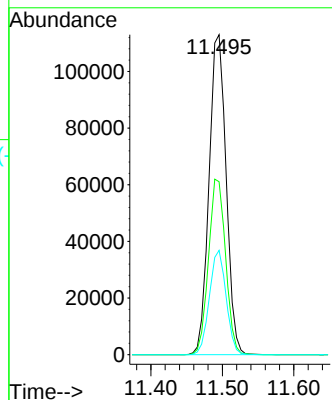
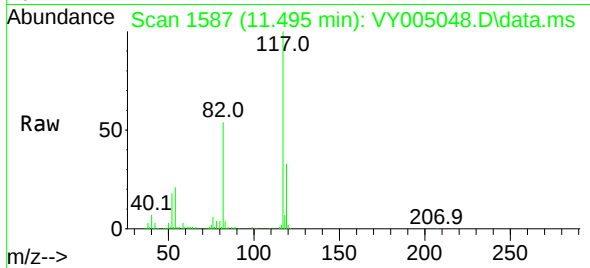




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

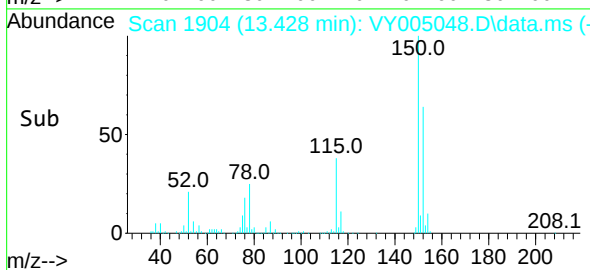
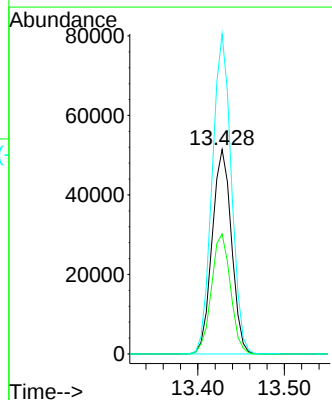
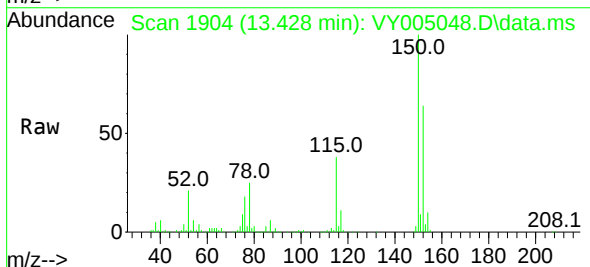
Instrument :
MSVOA_Y
ClientSampleId :

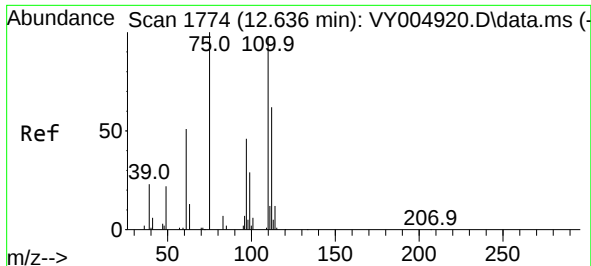
Tgt Ion:117 Resp: 187524
Ion Ratio Lower Upper
117 100
82 54.1 44.8 67.2
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

Tgt Ion:152 Resp: 79819
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 154.4 0.0 347.8

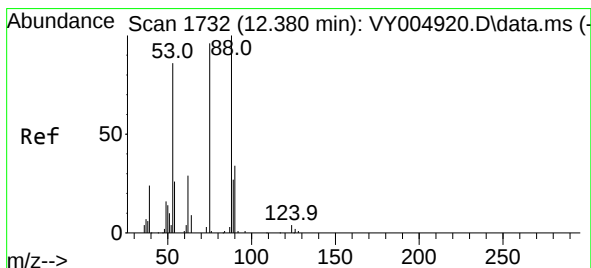
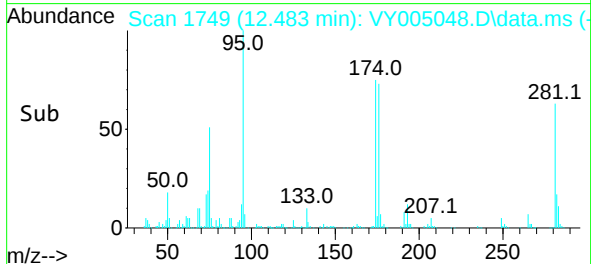
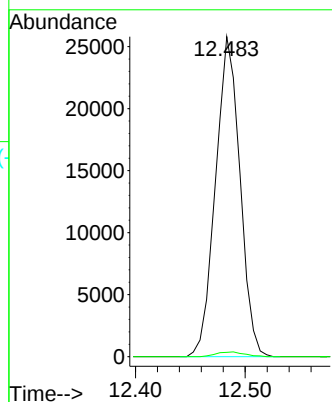
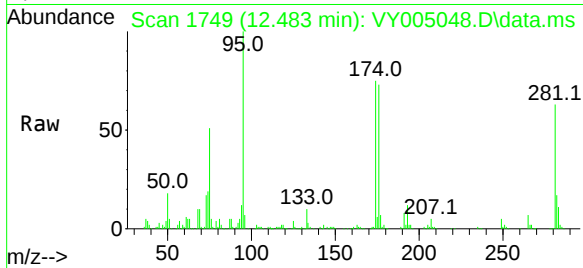




#76
1,2,3-Trichloropropane
Concen: 45.694 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 39981
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005048.D
Acq: 09 Jun 2021 15:55

Tgt Ion: 75 Resp: 39981
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 2.0 35.0 52.6#

