

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006212.D
 Acq On : 29 Sep 2021 14:56
 Operator : SY/MD
 Sample : M3972-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:01:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

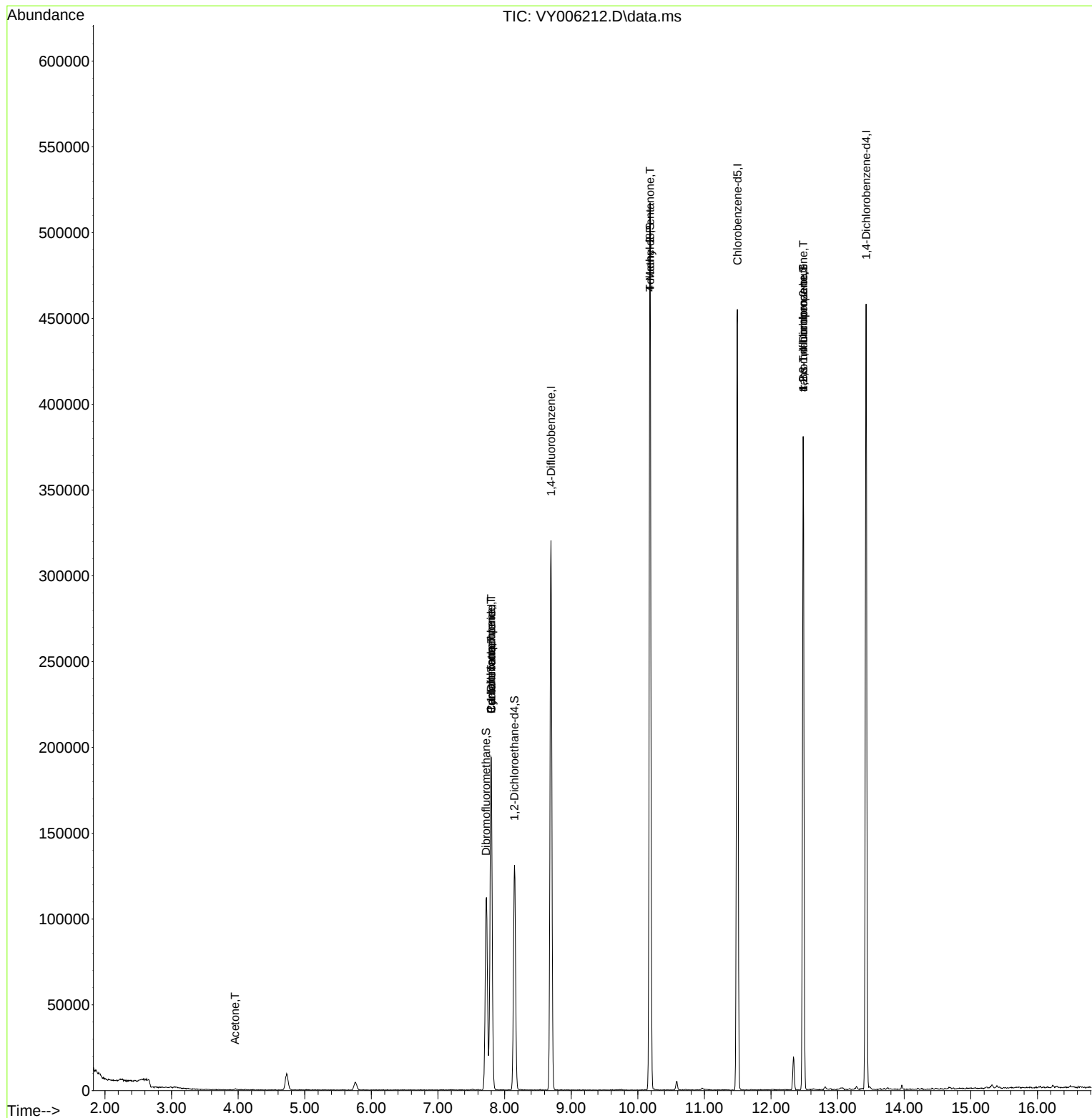
Internal Standards						
1) Pentafluorobenzene	7.801	168	151307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	258400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	242349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105754	65.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.600%	
35) Dibromofluoromethane	7.722	113	78099	56.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.140%	
50) Toluene-d8	10.185	98	326266	56.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.940%	
62) 4-Bromofluorobenzene	12.483	95	107089	54.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.120%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1098	2.428	ug/l	98
31) Cyclohexane	7.801	56	3247	1.058	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11709	4.554	ug/l #	51
38) Carbon Tetrachloride	7.801	117	14487	5.336	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1640	1.100	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	59109	54.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59109	106.543	ug/l #	7

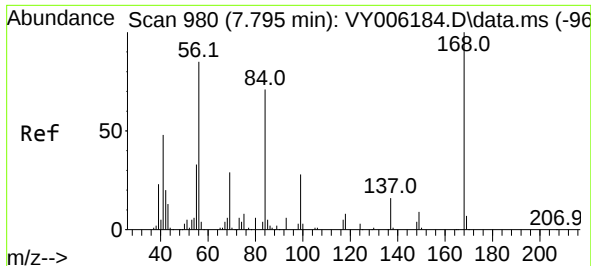
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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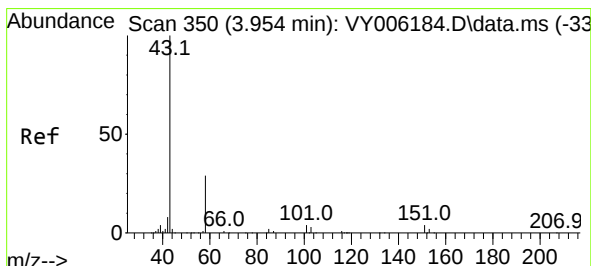
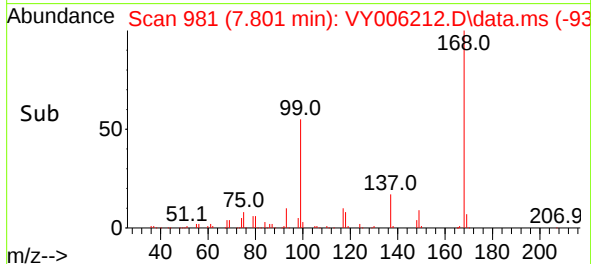
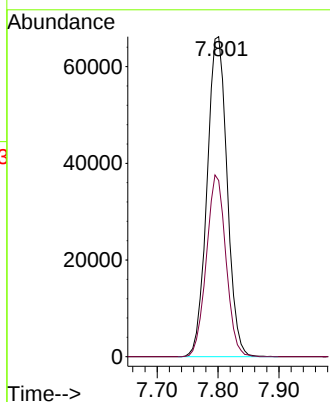
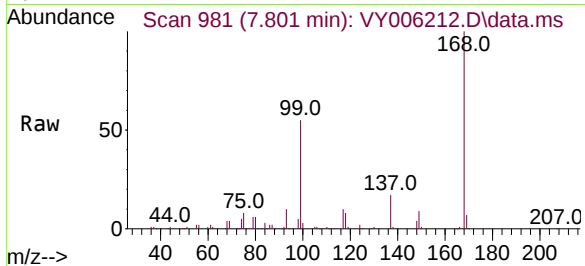




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

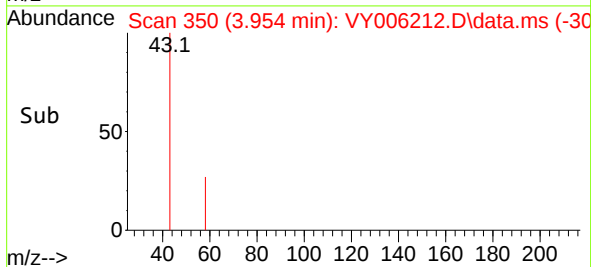
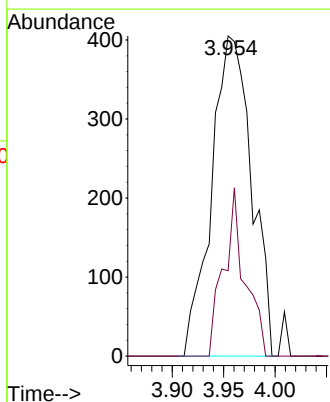
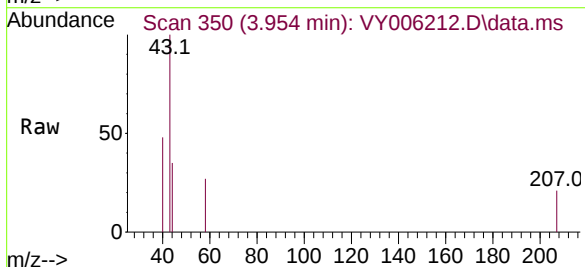
Instrument :
MSVOA_Y
ClientSampled :

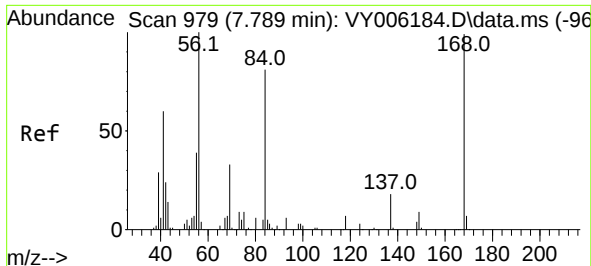
Tgt Ion:168 Resp: 151307
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 2.428 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0

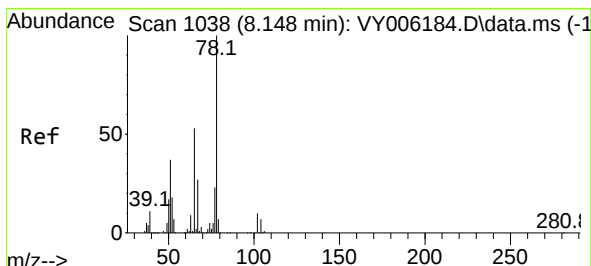
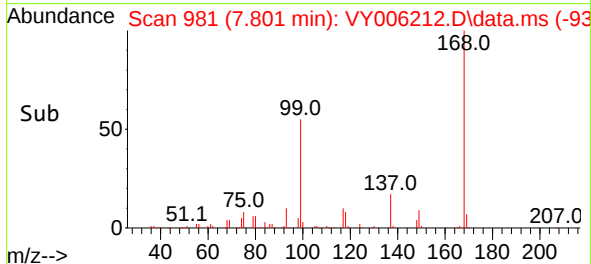
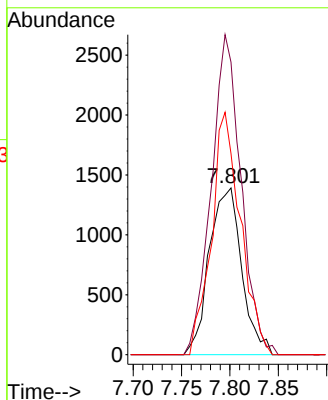
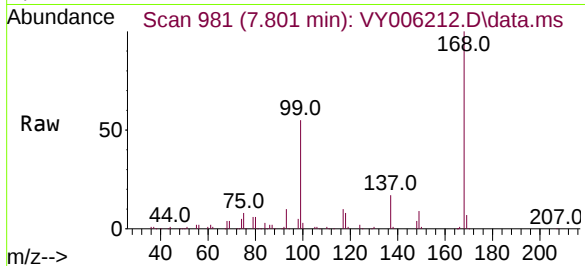




#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

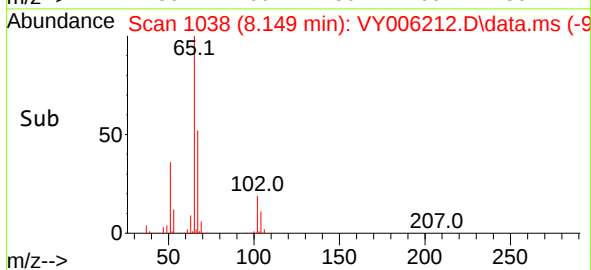
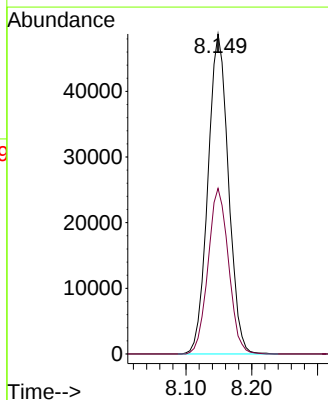
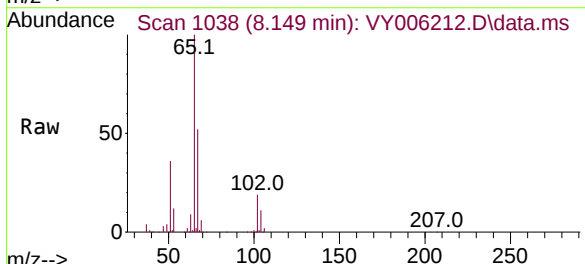
Instrument :
MSVOA_Y
ClientSampled :

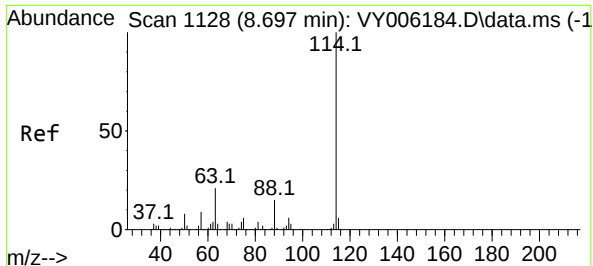
Tgt Ion: 56 Resp: 3247
Ion Ratio Lower Upper
56 100
69 175.4 26.7 40.1#
84 120.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.303 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

Tgt Ion: 65 Resp: 105754
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4

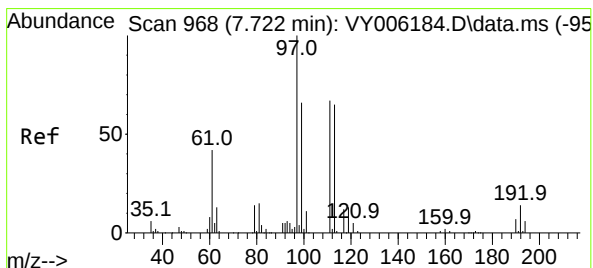
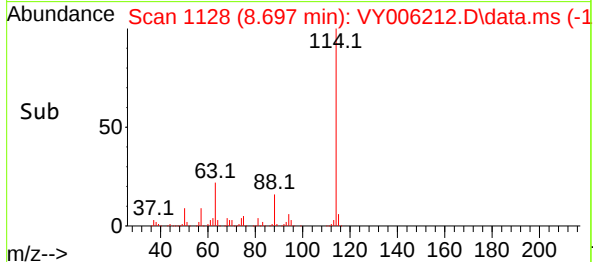
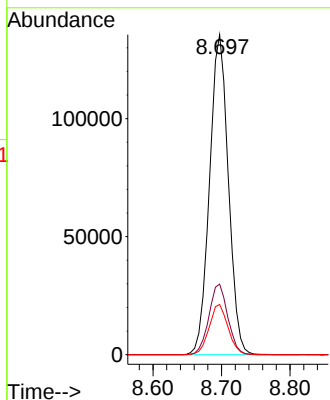
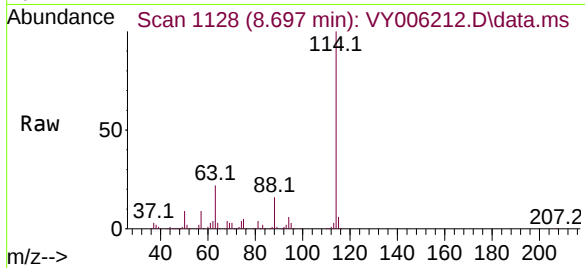




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

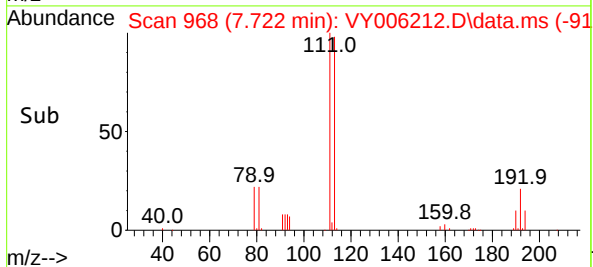
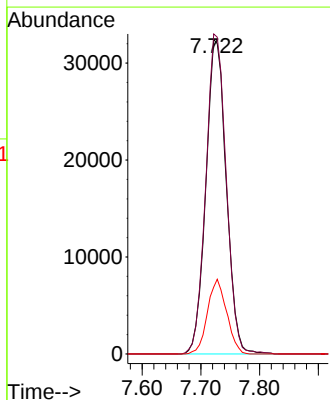
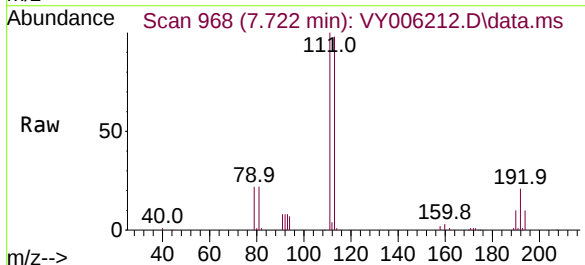
Instrument :
MSVOA_Y
ClientSampleId :

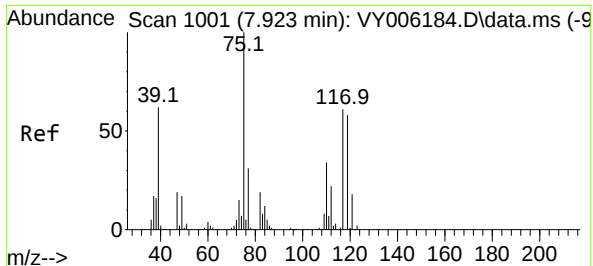
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	15.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.572 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	22.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.554 ug/l

RT: 7.795 min Scan# 980

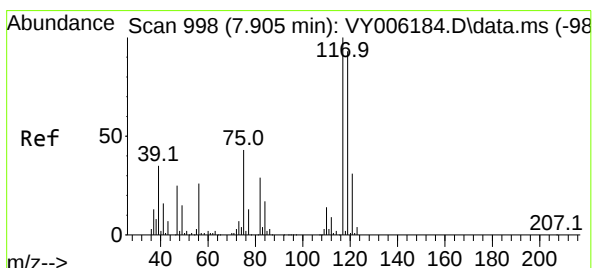
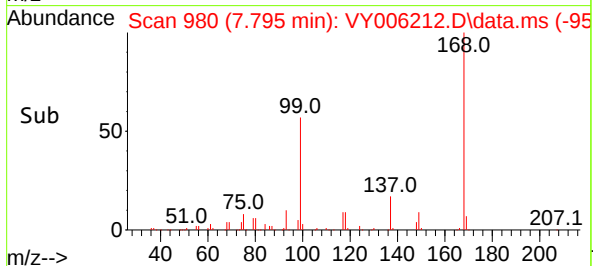
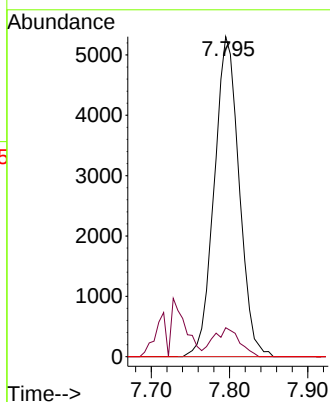
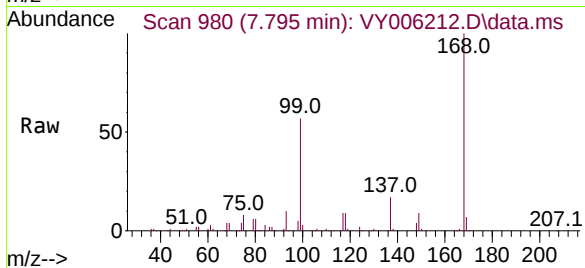
Delta R.T. -0.128 min

Lab File: VY006212.D

Acq: 29 Sep 2021 14:56

Tgt Ion:	75	Resp:	11709
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.336 ug/l

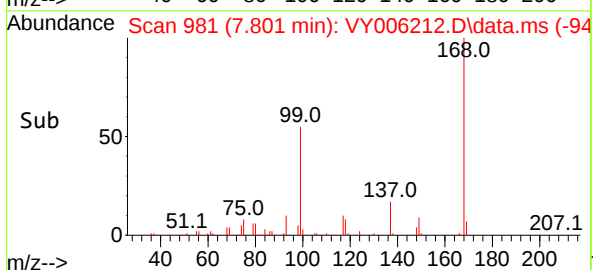
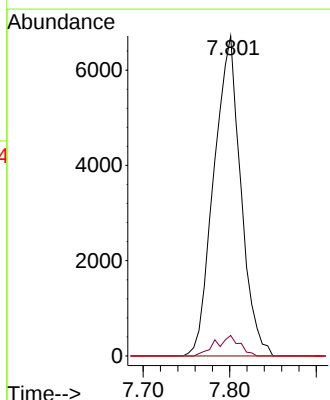
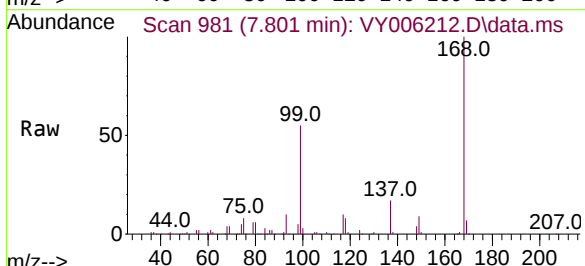
RT: 7.801 min Scan# 981

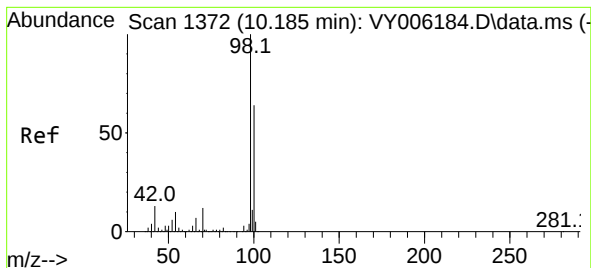
Delta R.T. -0.104 min

Lab File: VY006212.D

Acq: 29 Sep 2021 14:56

Tgt Ion:	117	Resp:	14487
Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.9	116.9#
121	0.0	24.8	37.2#

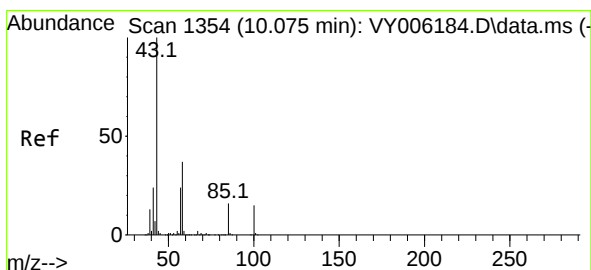
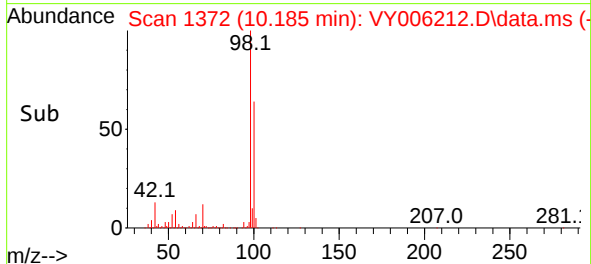
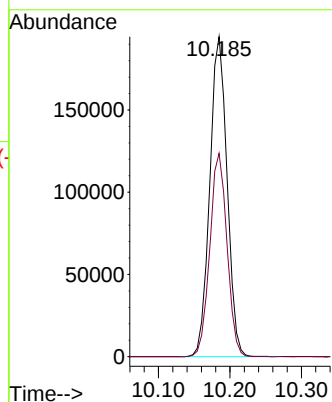
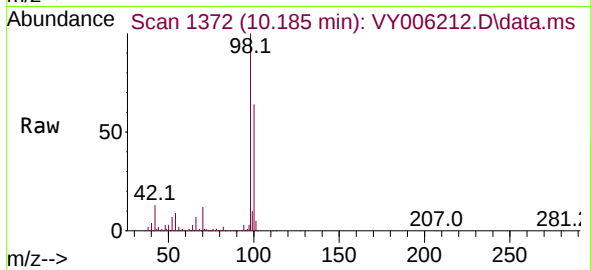




#50
Toluene-d8
Concen: 56.469 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

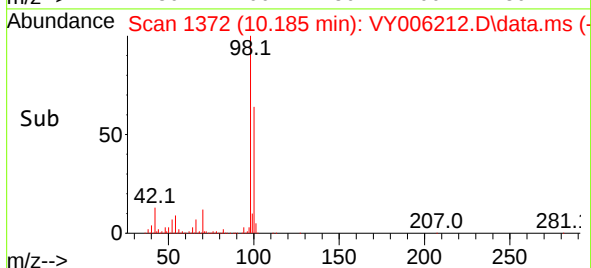
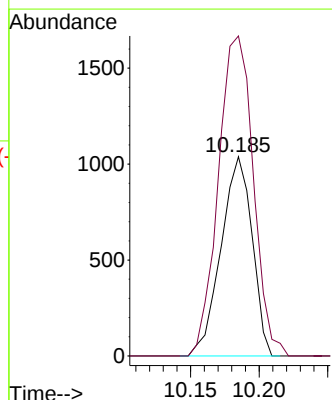
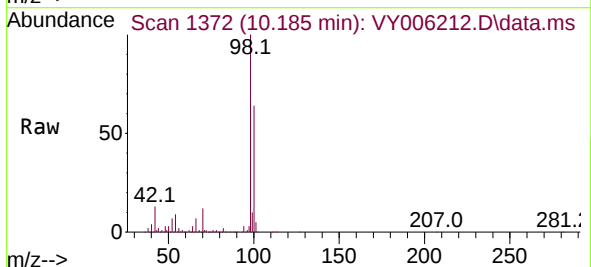
Instrument :
MSVOA_Y
ClientSampleId :

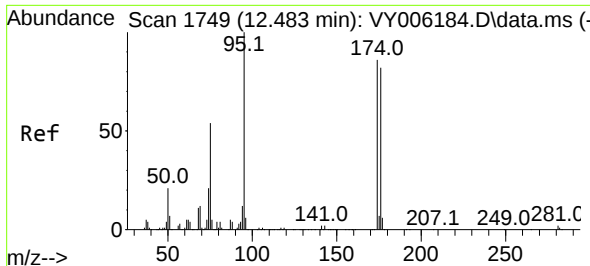
Tgt Ion: 98 Resp: 326266
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.100 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
58 180.6 28.1 42.1#

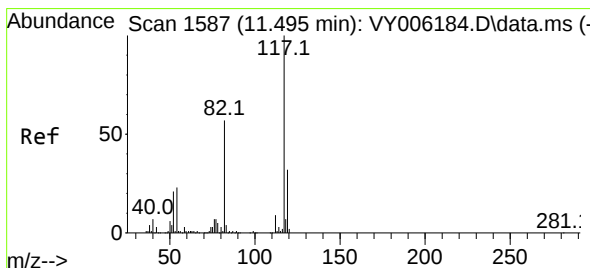
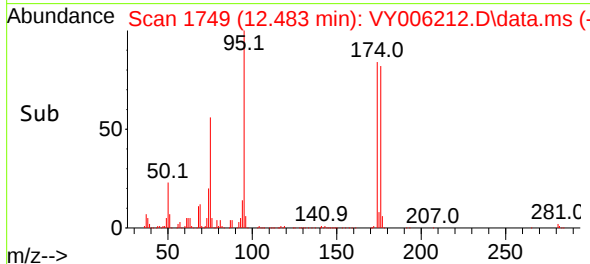
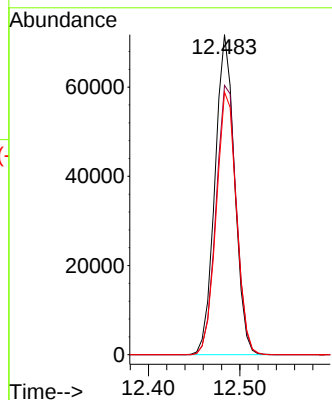
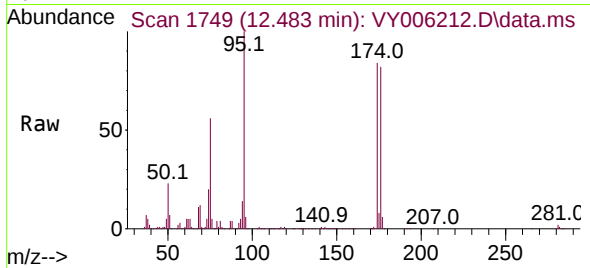




#62
4-Bromofluorobenzene
Concen: 54.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

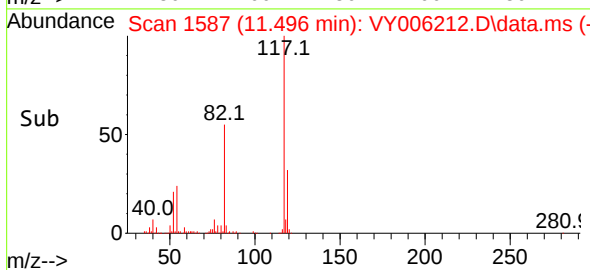
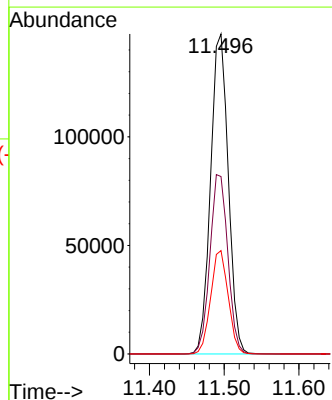
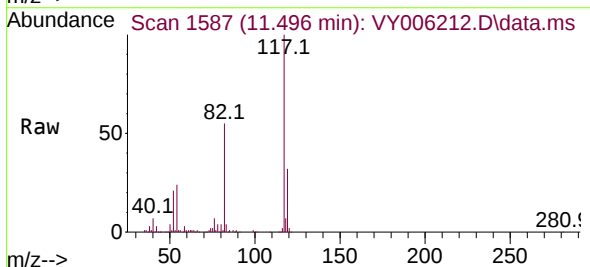
Instrument :
MSVOA_Y
ClientSampleId :

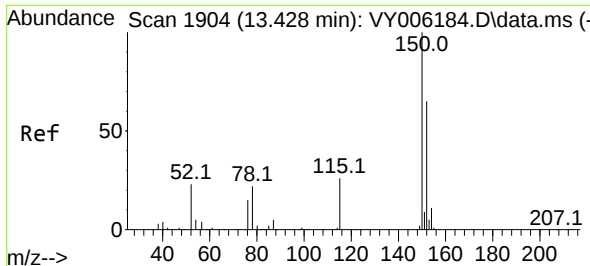
Tgt Ion: 95 Resp: 107089
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 84.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006212.D
Acq: 29 Sep 2021 14:56

Tgt Ion: 117 Resp: 242349
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.3 25.4 38.0

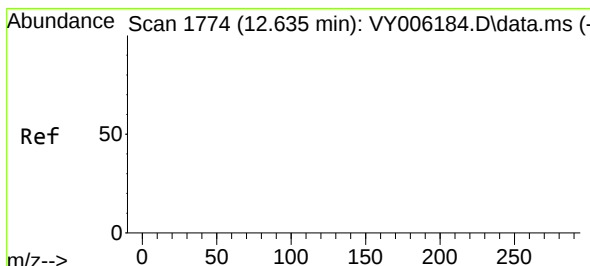
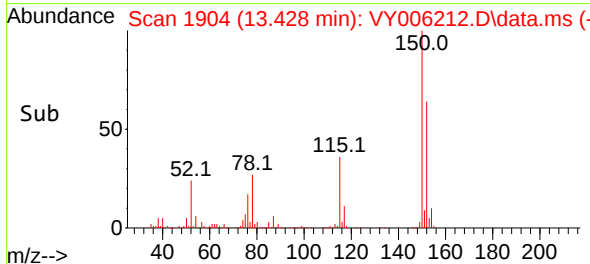
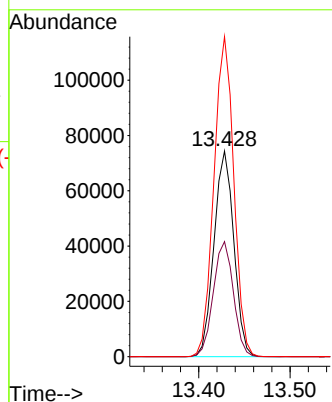
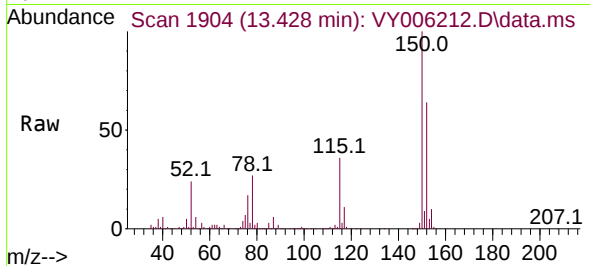




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006212.D
 Acq: 29 Sep 2021 14:56

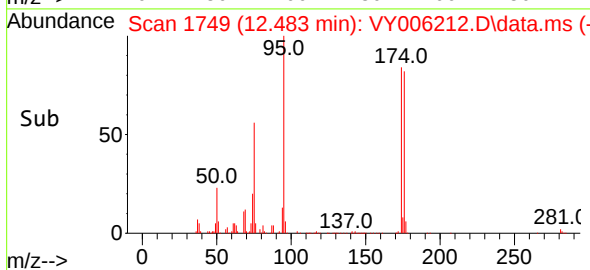
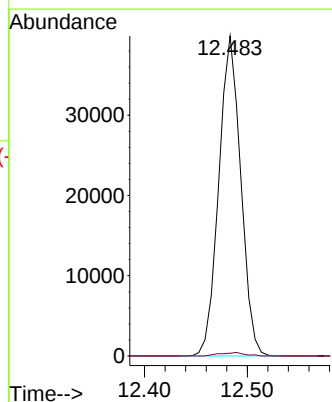
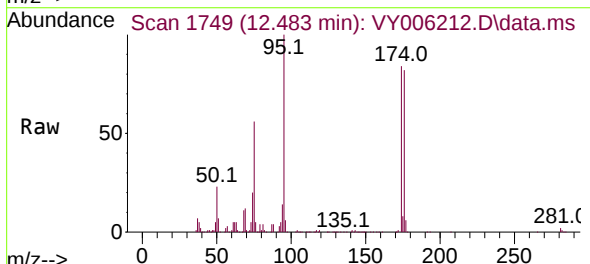
Instrument :
 MSVOA_Y
 ClientSampleId :

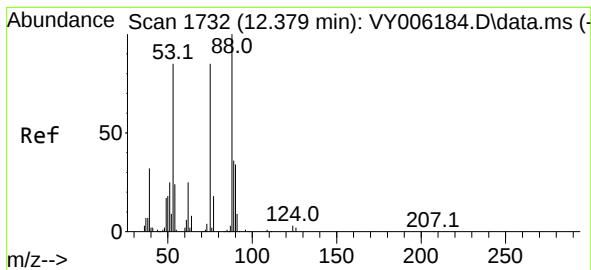
Tgt Ion:152 Resp: 112171
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.2 84.7
 150 155.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.216 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006212.D
 Acq: 29 Sep 2021 14:56

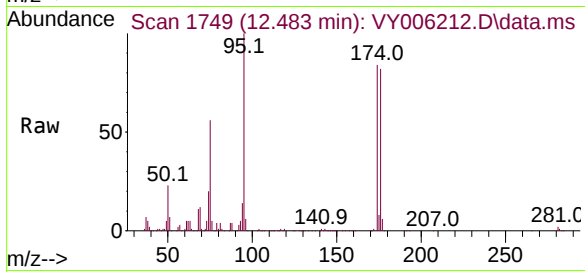
Tgt Ion: 75 Resp: 59109
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.543 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006212.D
 Acq: 29 Sep 2021 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

