

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006346.D
 Acq On : 07 Oct 2021 20:55
 Operator : SY/MD
 Sample : M4117-19
 Misc : 4.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(9.5-10.0)

Quant Time: Oct 08 07:15:55 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)

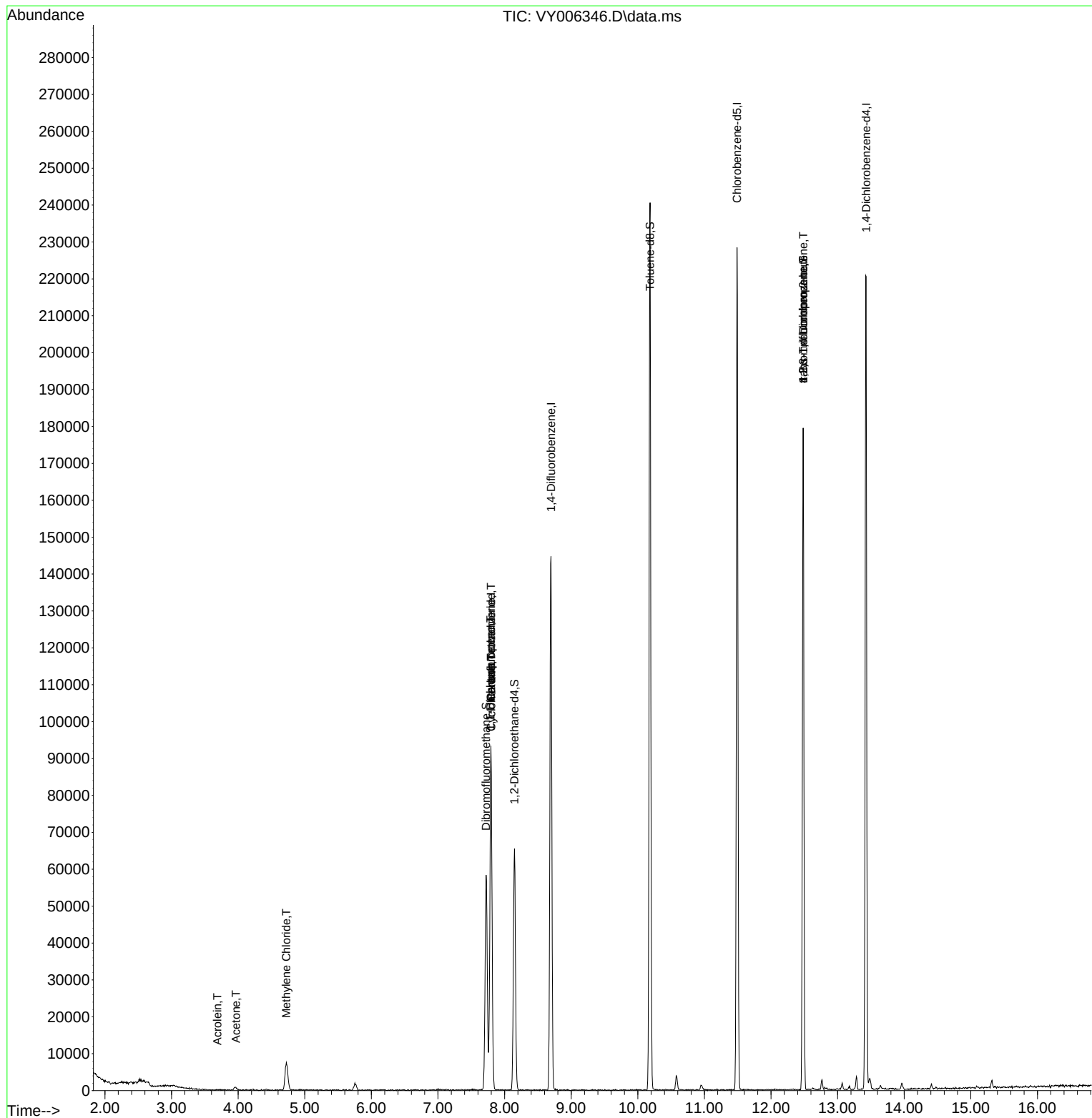
Internal Standards						
1) Pentafluorobenzene	7.795	168	72342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	122094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	54269	70.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.180%	
35) Dibromofluoromethane	7.722	113	38490	59.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.020%	
50) Toluene-d8	10.185	98	155311	56.891	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.780%	
62) 4-Bromofluorobenzene	12.483	95	49168	53.016	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.040%	
Target Compounds						
					Qvalue	
13) Acrolein	3.686	56	19	18.847	ug/l #	14
16) Acetone	3.966	43	1602	7.408	ug/l	92
20) Methylene Chloride	4.722	84	5501	3.930	ug/l	83
31) Cyclohexane	7.801	56	1595	1.087	ug/l #	25
36) 1,1-Dichloropropene	7.789	75	5403	4.448	ug/l #	51
38) Carbon Tetrachloride	7.795	117	6778	5.284	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	27631	50.097	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27631	98.447	ug/l #	7

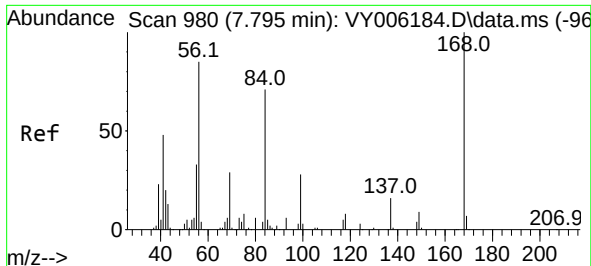
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
SB-5(9.5-10.0)

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Response via : Initial Calibration

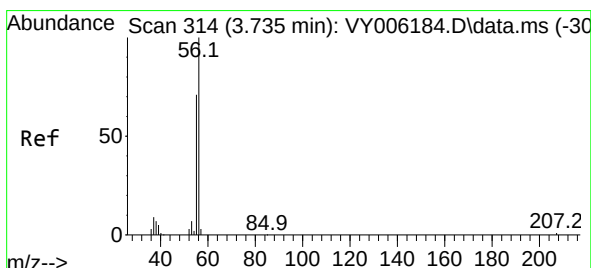
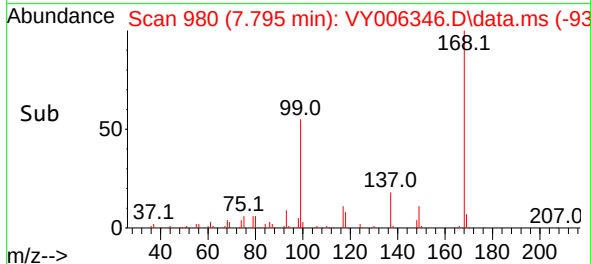
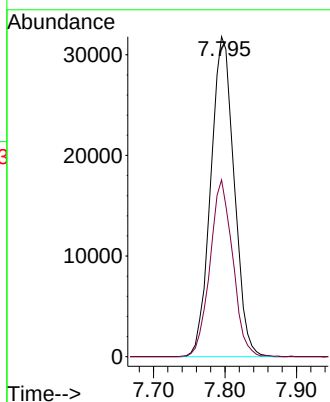
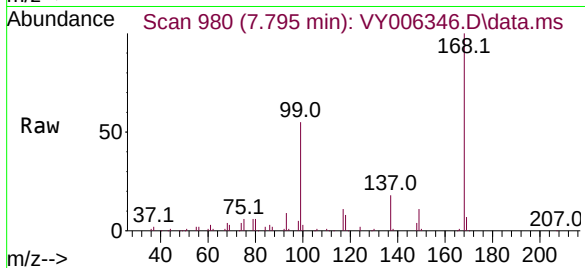




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

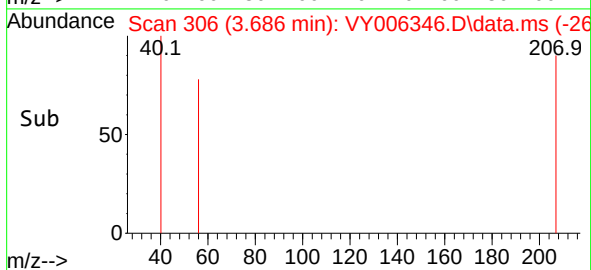
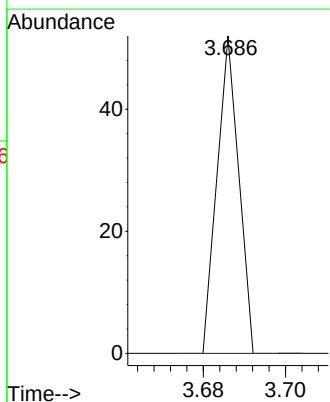
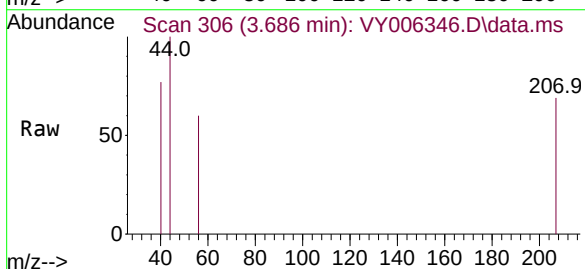
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

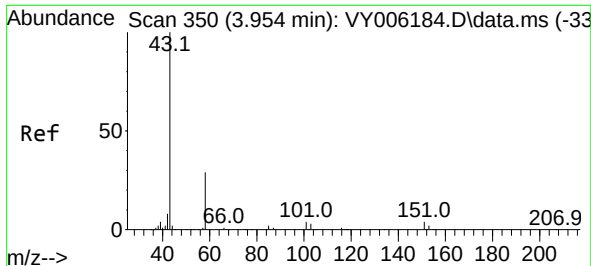
Tgt Ion:168 Resp: 72342
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#13
Acrolein
Concen: 18.847 ug/l
RT: 3.686 min Scan# 306
Delta R.T. -0.049 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

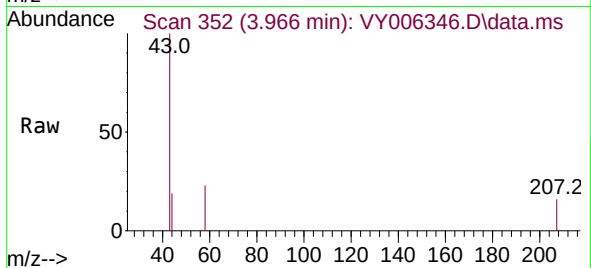
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



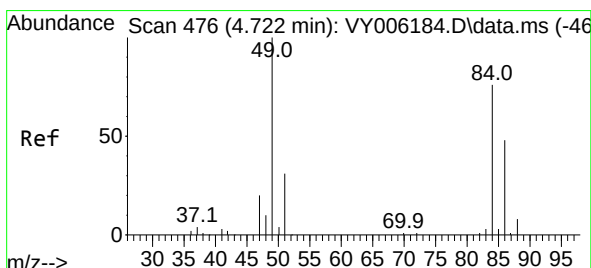
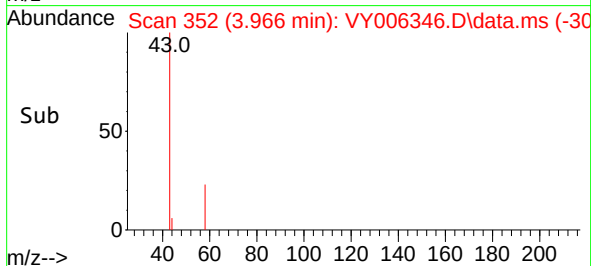
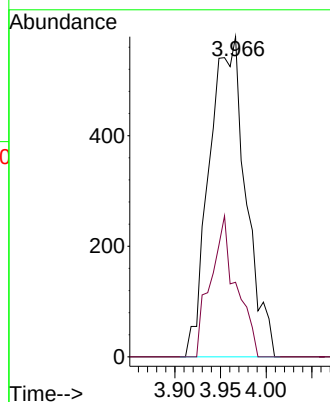


#16
Acetone
Concen: 7.408 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

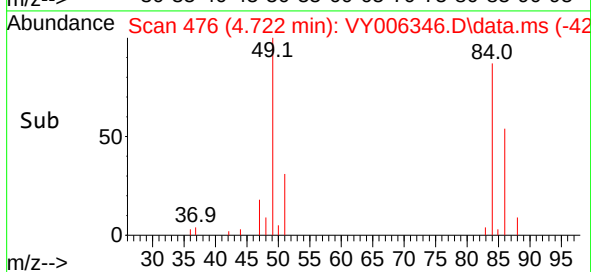
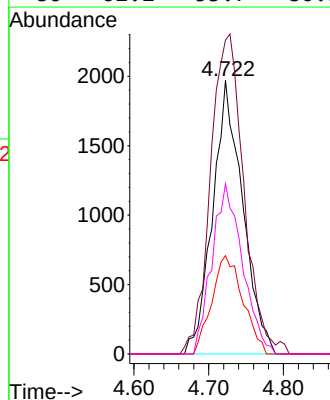
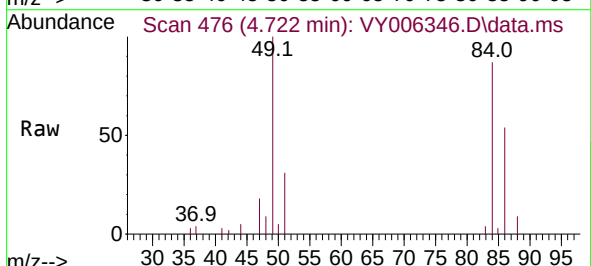


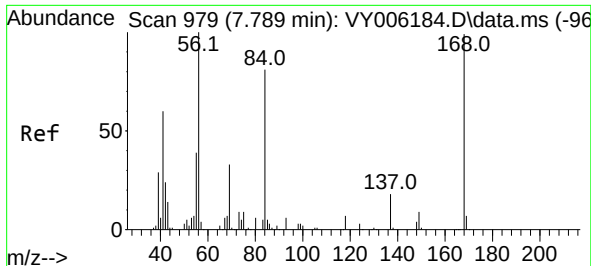
Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 23.3 22.0 33.0



#20
Methylene Chloride
Concen: 3.930 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion: 84 Resp: 5501
Ion Ratio Lower Upper
84 100
49 114.8 114.4 171.6
51 35.9 35.3 52.9
86 62.2 53.7 80.5

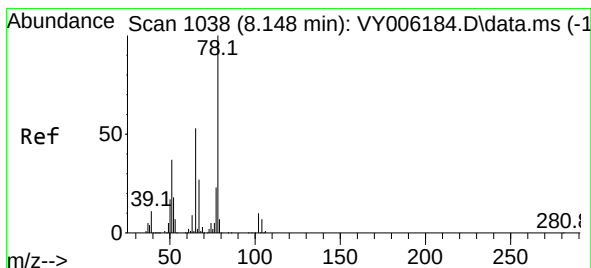
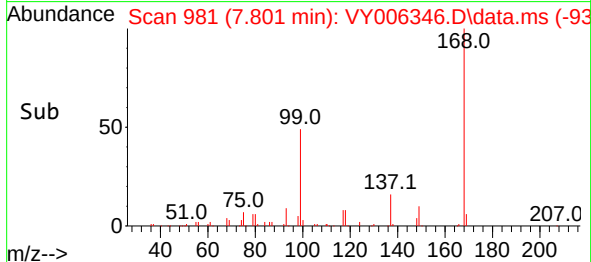
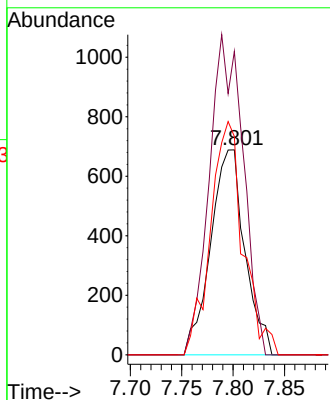
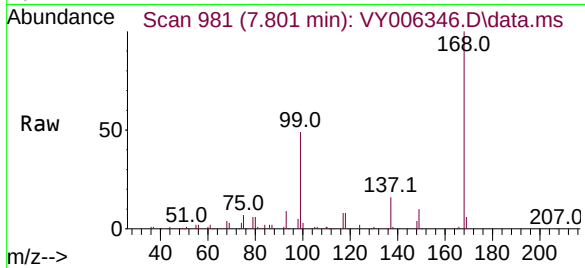




#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

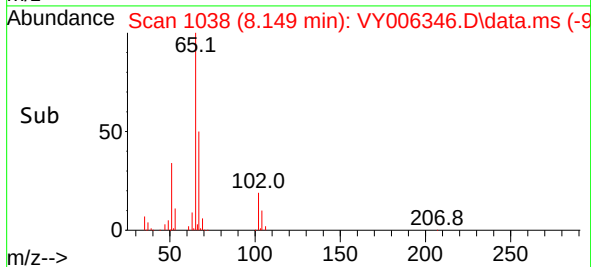
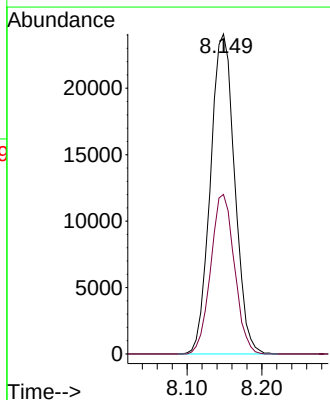
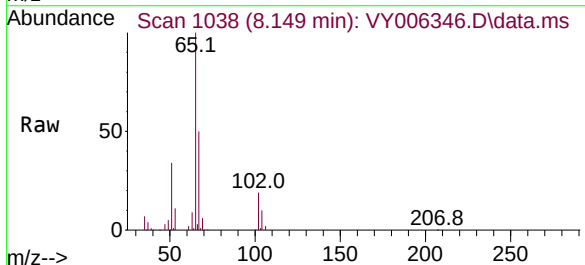
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

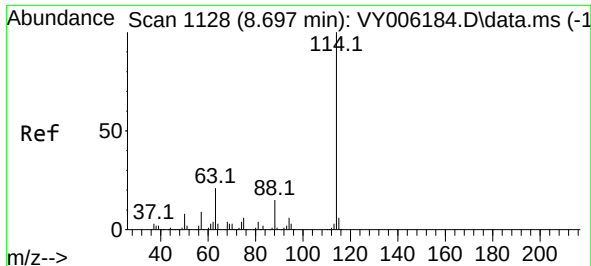
Tgt Ion: 56 Resp: 1595
Ion Ratio Lower Upper
56 100
69 148.0 26.7 40.1#
84 106.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 70.090 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion: 65 Resp: 54269
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.4

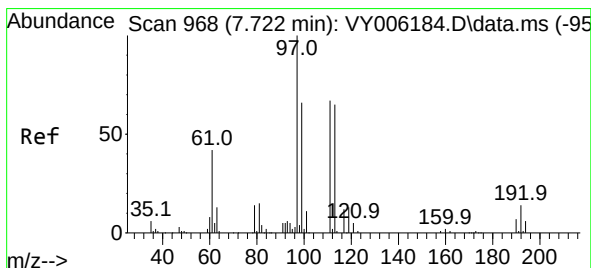
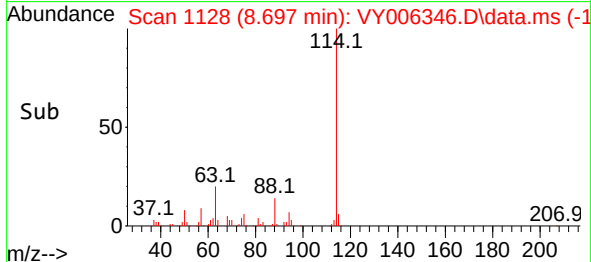
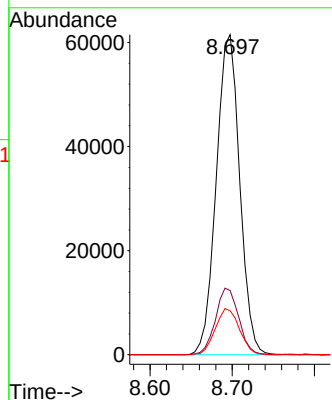
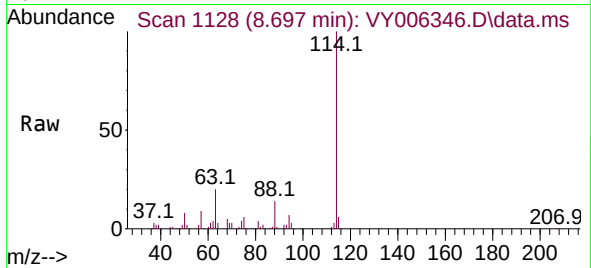




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

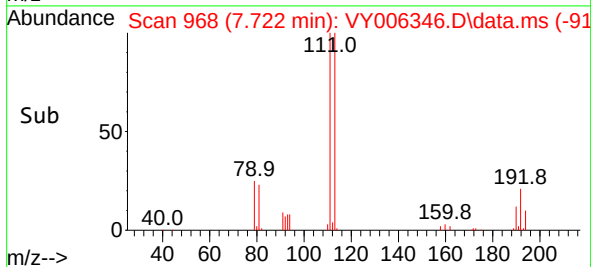
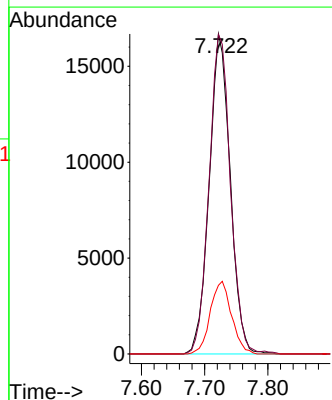
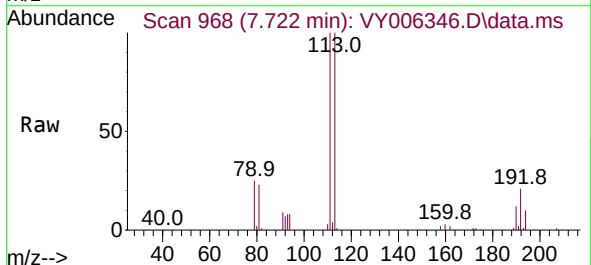
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

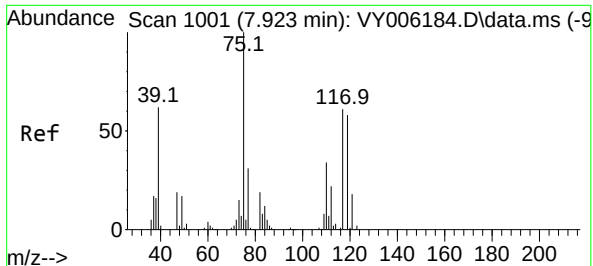
Tgt Ion:	114	Resp:	122094
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	13.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 59.007 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion:	113	Resp:	38490
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	23.0	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.448 ug/l

RT: 7.789 min Scan# 979

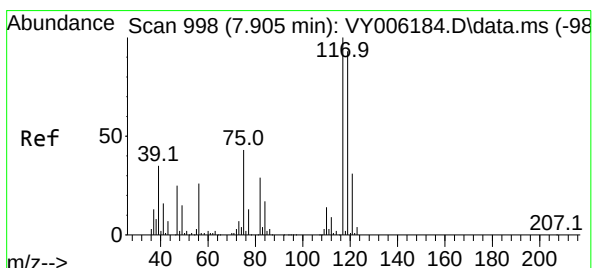
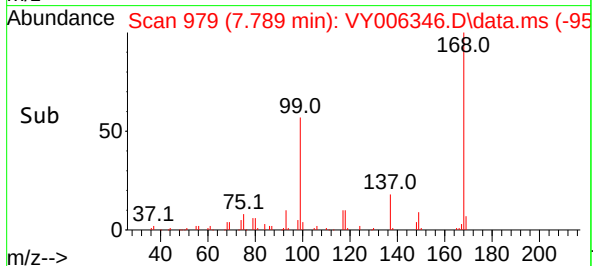
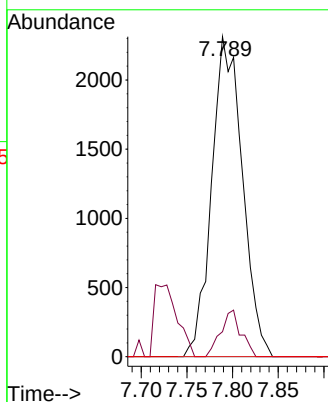
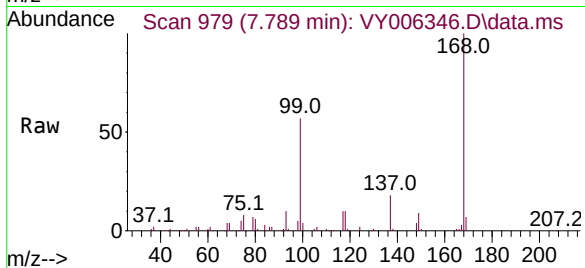
Delta R.T. -0.134 min

Lab File: VY006346.D

Acq: 07 Oct 2021 20:55

Tgt Ion:	75	Resp:	5403
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)



#38

Carbon Tetrachloride

Concen: 5.284 ug/l

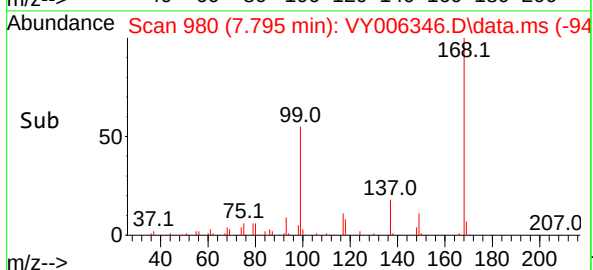
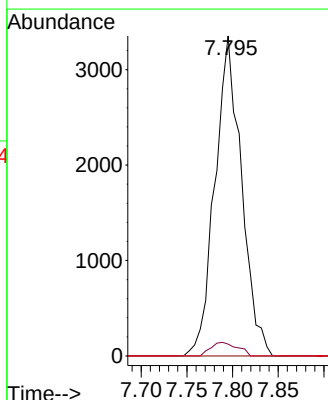
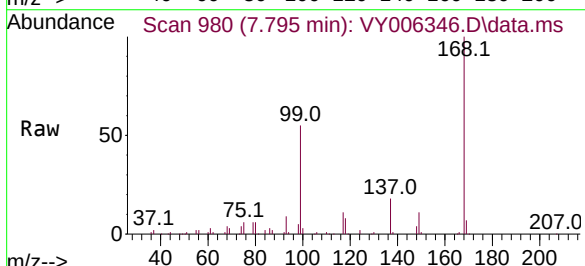
RT: 7.795 min Scan# 980

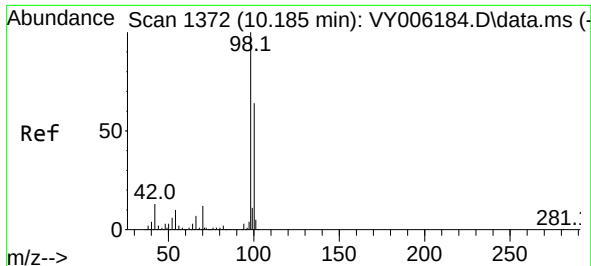
Delta R.T. -0.110 min

Lab File: VY006346.D

Acq: 07 Oct 2021 20:55

Tgt Ion:	117	Resp:	6778
Ion	Ratio	Lower	Upper
117	100		
119	3.7	77.9	116.9#
121	0.0	24.8	37.2#

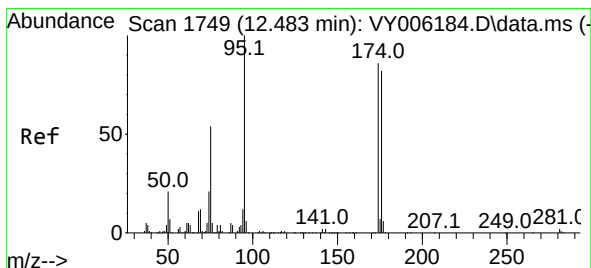
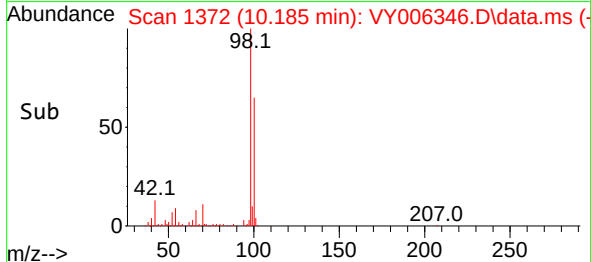
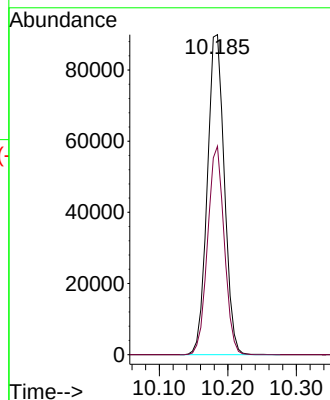
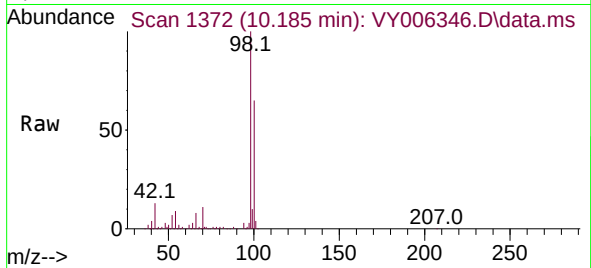




#50
Toluene-d8
Concen: 56.891 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

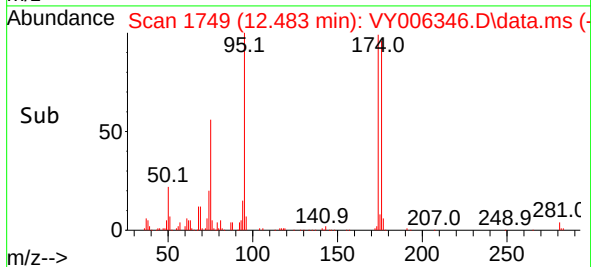
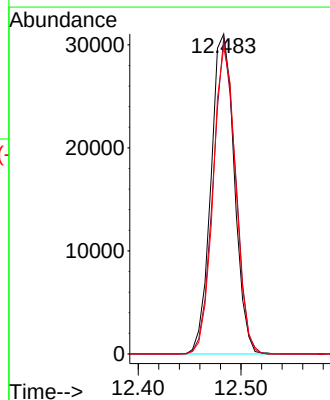
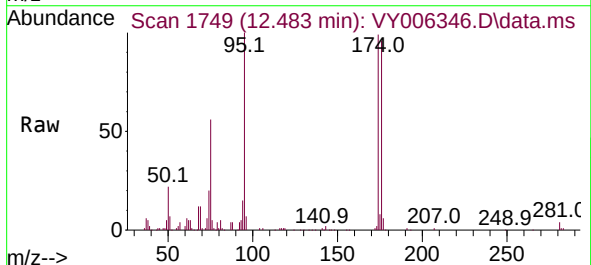
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SB-5(9.5-10.0)

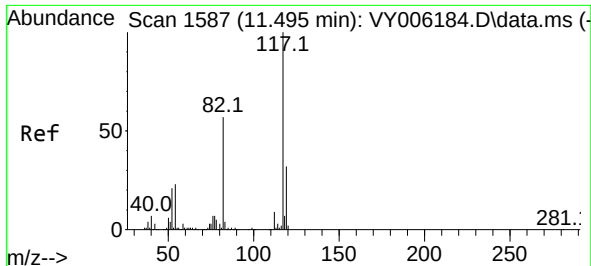
Tgt Ion: 98 Resp: 155311
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.016 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion: 95 Resp: 49168
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 92.4 0.0 175.8

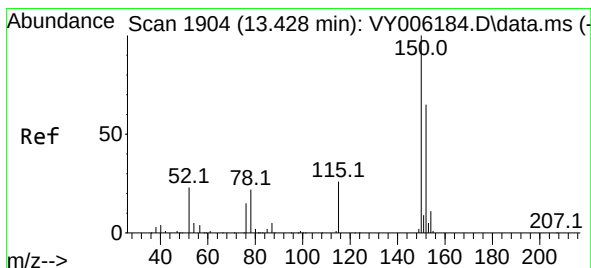
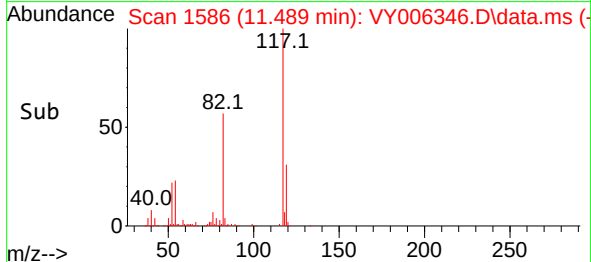
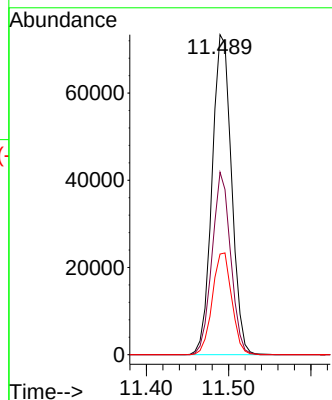
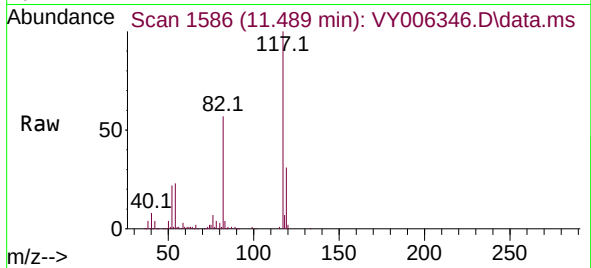




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

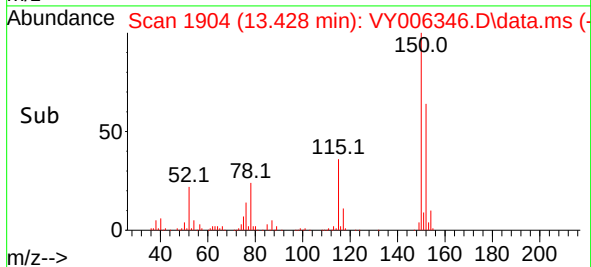
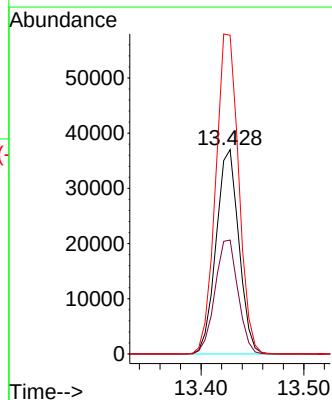
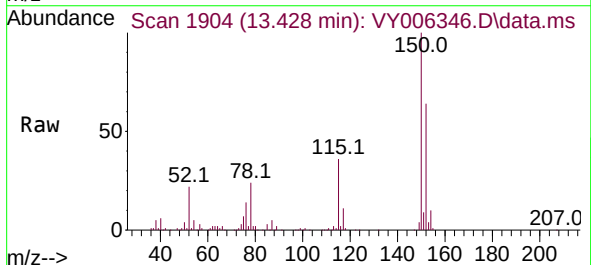
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

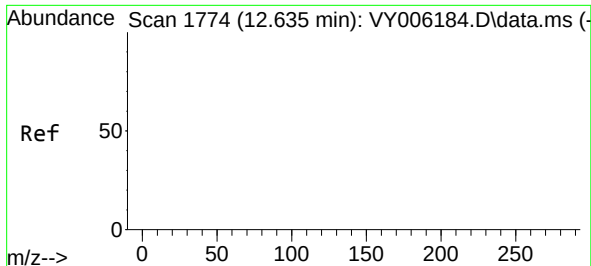
Tgt Ion:117 Resp: 120437
Ion Ratio Lower Upper
117 100
82 57.0 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion:152 Resp: 56747
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 158.4 0.0 347.6

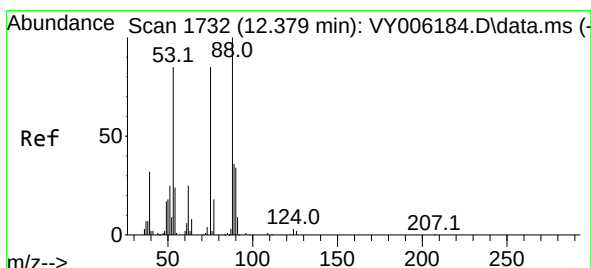
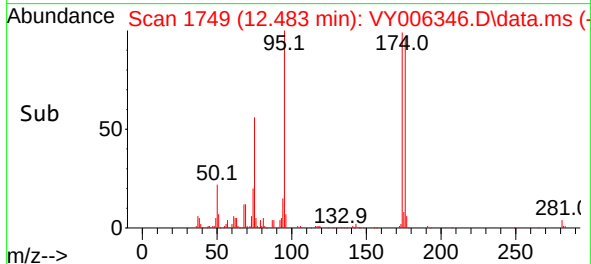
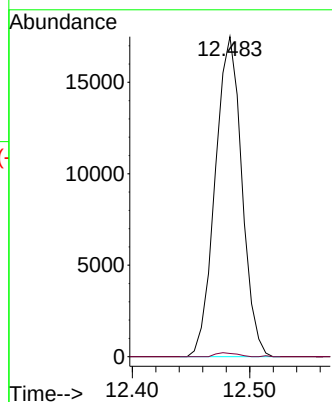
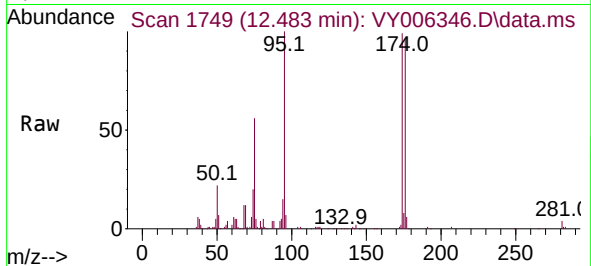




#76
1,2,3-Trichloropropane
Concen: 50.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

Tgt Ion: 75 Resp: 27631
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion: 75 Resp: 27631
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

