

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006343.D
 Acq On : 07 Oct 2021 19:45
 Operator : SY/MD
 Sample : M4117-16
 Misc : 4.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(1.5-2.0)

Quant Time: Oct 08 07:15:08 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)

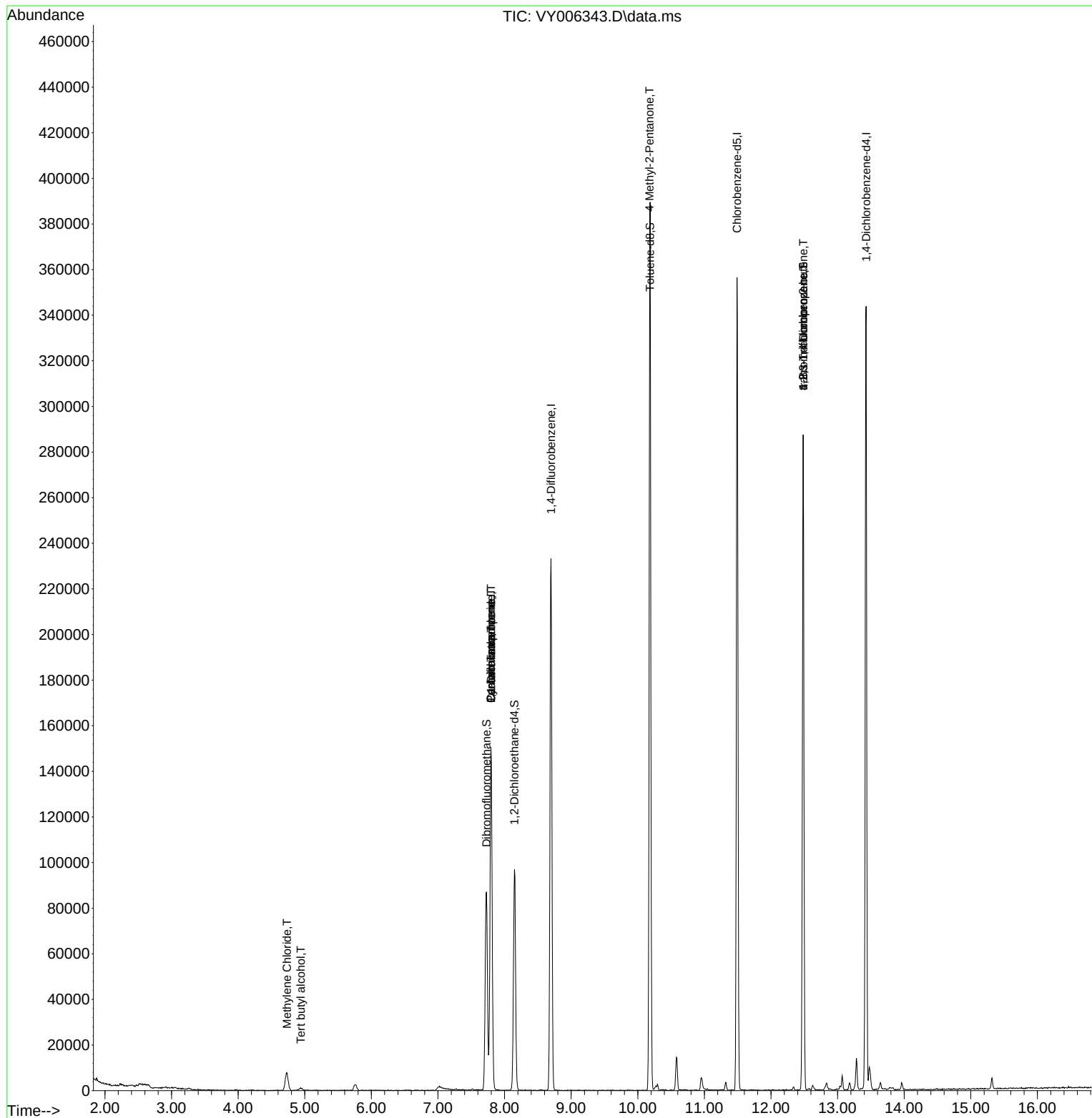
Internal Standards						
1) Pentafluorobenzene	7.795	168	117777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80009	63.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.940%	
35) Dibromofluoromethane	7.728	113	58712	56.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.620%	
50) Toluene-d8	10.185	98	246405	56.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.920%	
62) 4-Bromofluorobenzene	12.483	95	77252	52.109	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1169	10.602	ug/l #	77
20) Methylene Chloride	4.735	84	5780	1.101	ug/l #	80
31) Cyclohexane	7.795	56	2559	1.072	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	9088	4.680	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11086	5.406	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1249	1.109	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43519	52.566	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43519	103.300	ug/l #	7

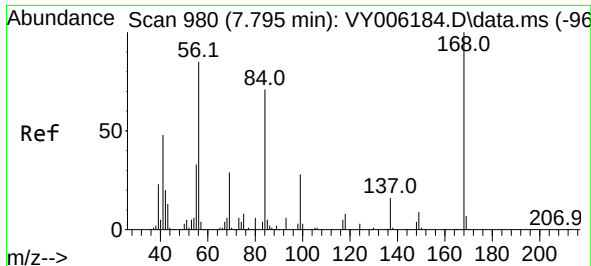
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampled :
SB-5(1.5-2.0)

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

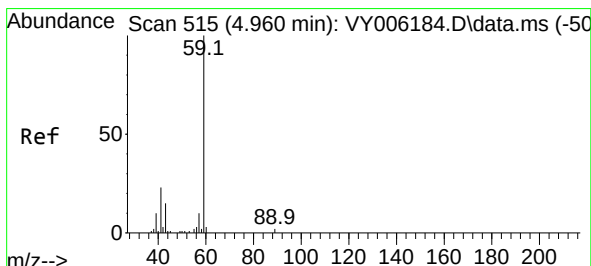
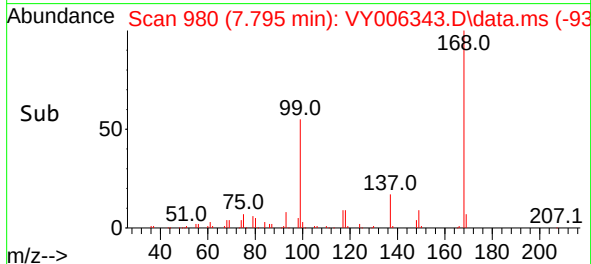
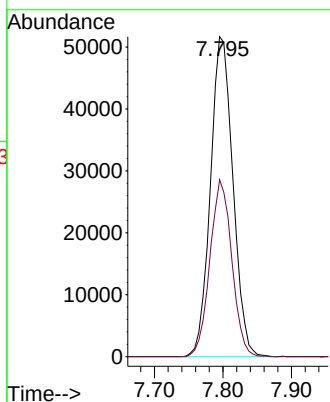
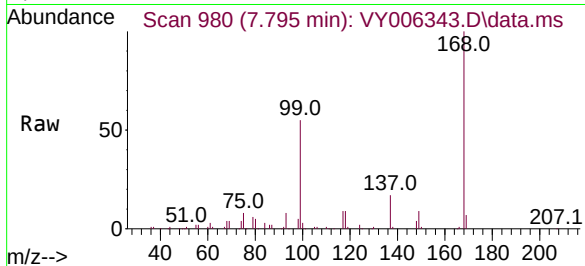




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

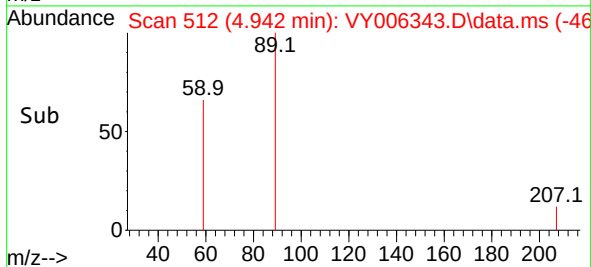
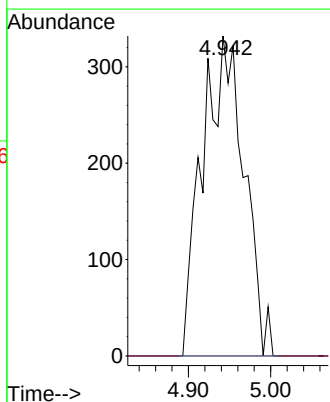
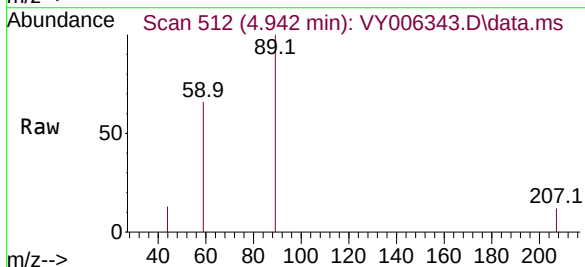
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.5-2.0)

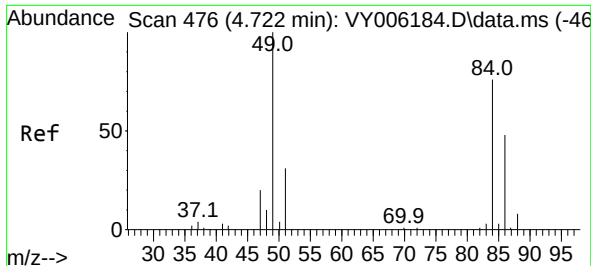
Tgt Ion:168 Resp: 117777
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 10.602 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

Tgt Ion: 59 Resp: 1169
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

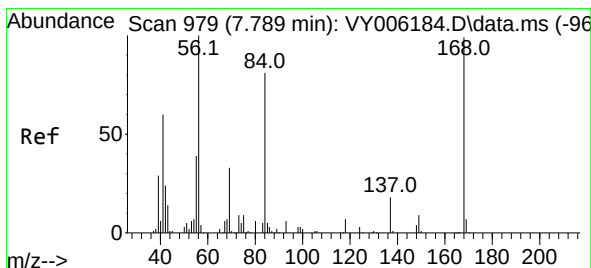
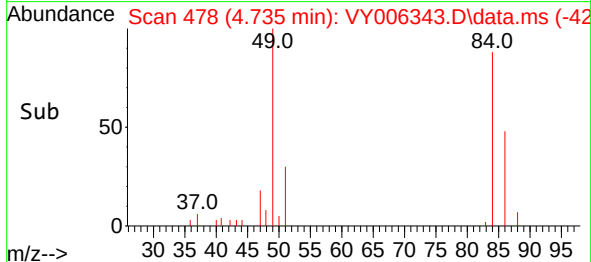
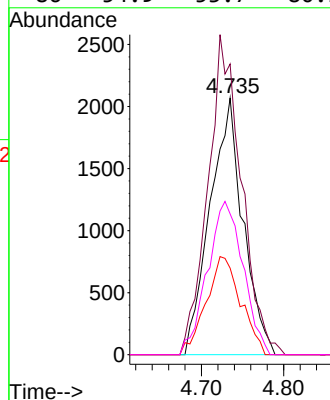
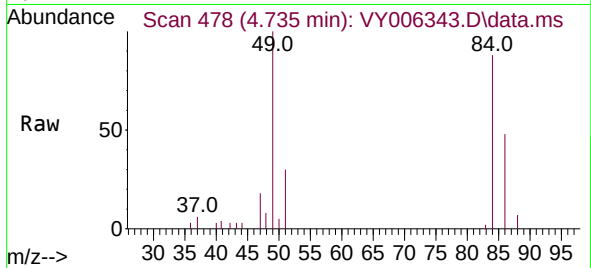




#20
Methylene Chloride
Concen: 1.101 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

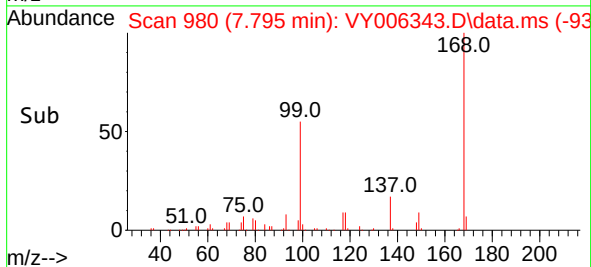
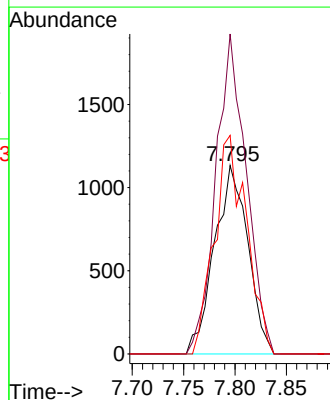
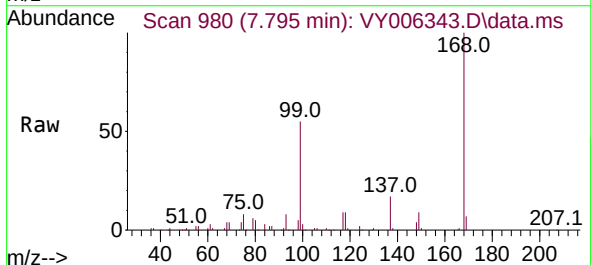
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.5-2.0)

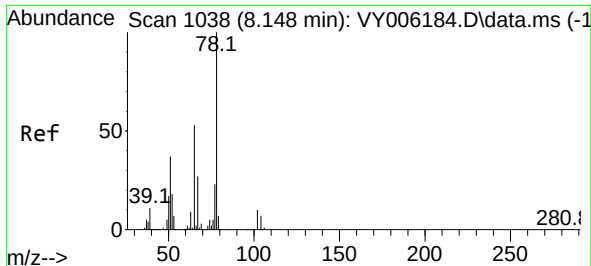
Tgt Ion:	84	Resp:	5780
Ion	Ratio	Lower	Upper
84	100		
49	113.3	114.4	171.6#
51	33.8	35.3	52.9#
86	54.9	53.7	80.5



#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

Tgt Ion:	56	Resp:	2559
Ion	Ratio	Lower	Upper
56	100		
69	169.8	26.7	40.1#
84	116.0	67.2	100.8#

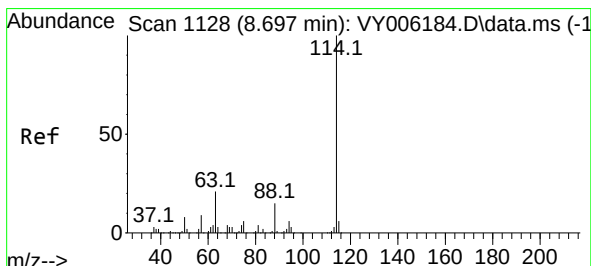
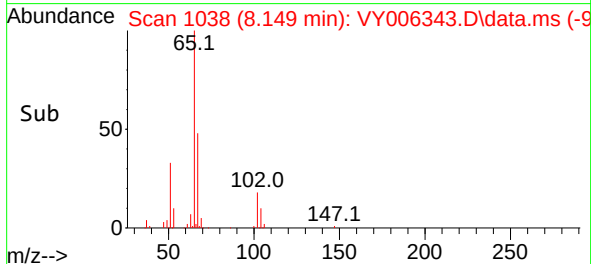
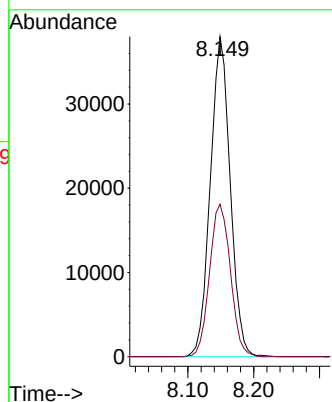
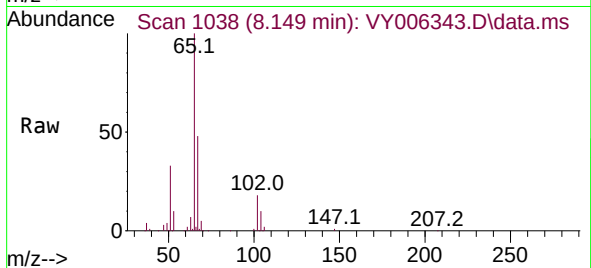




#33
1,2-Dichloroethane-d4
Concen: 63.471 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

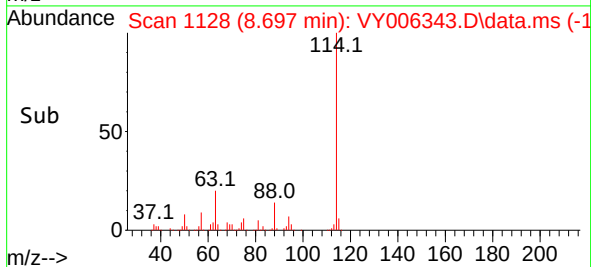
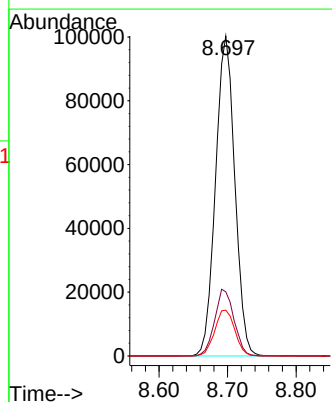
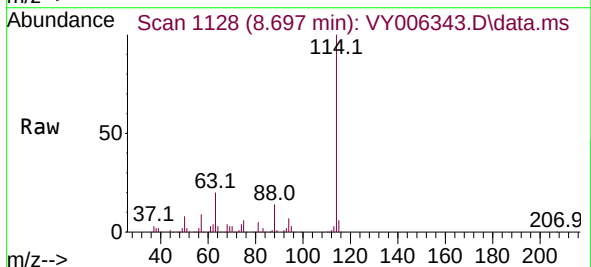
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.5-2.0)

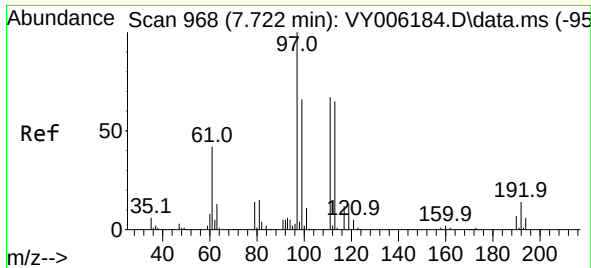
Tgt Ion: 65 Resp: 80009
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

Tgt Ion:114 Resp: 195173
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 14.3 0.0 31.8

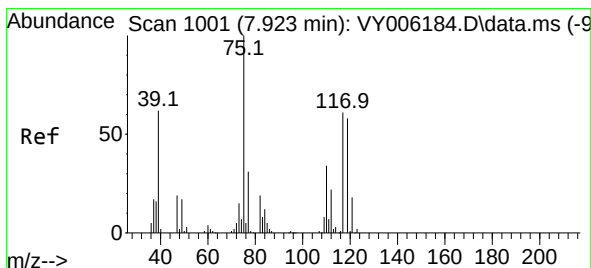
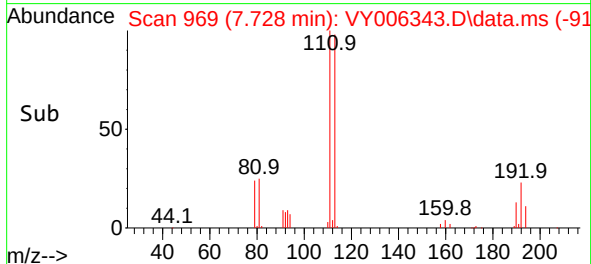
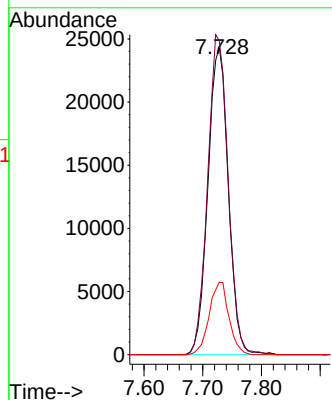
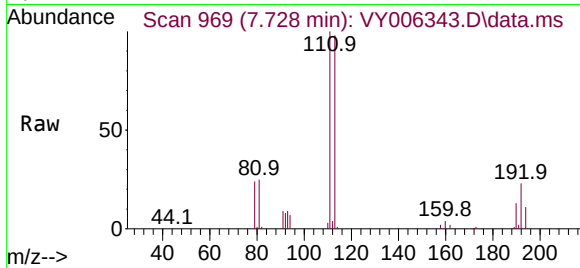




#35
Dibromofluoromethane
Concen: 56.306 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

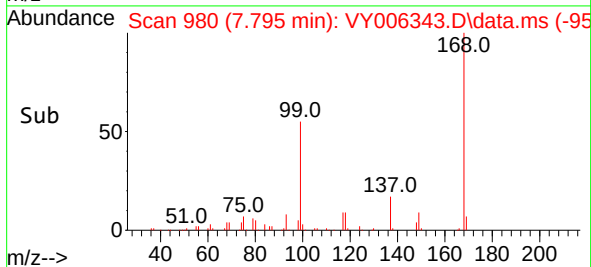
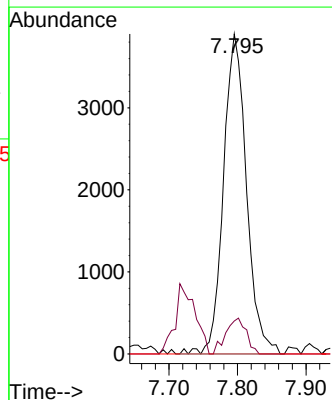
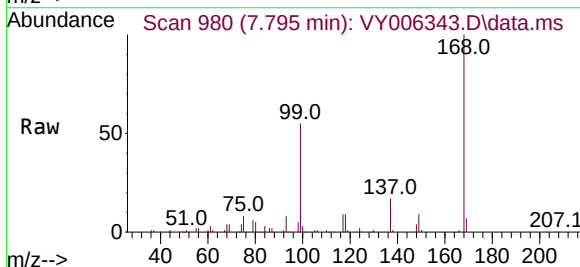
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.5-2.0)

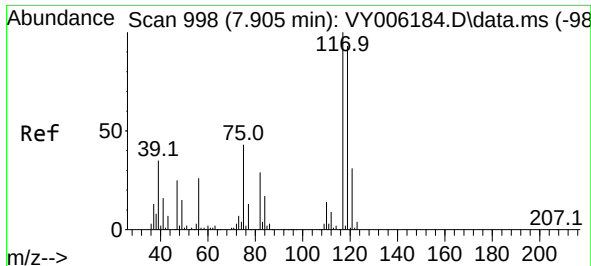
Tgt Ion:113 Resp: 58712
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 22.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

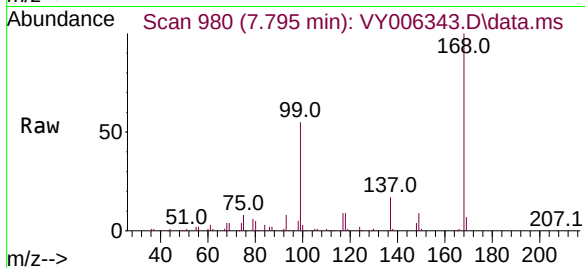
Tgt Ion: 75 Resp: 9088
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



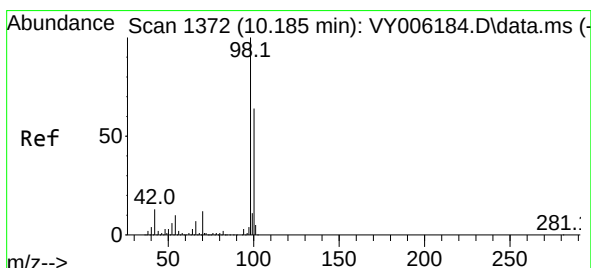
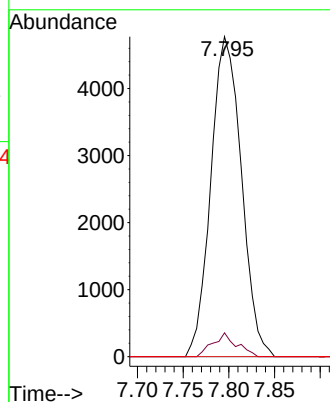
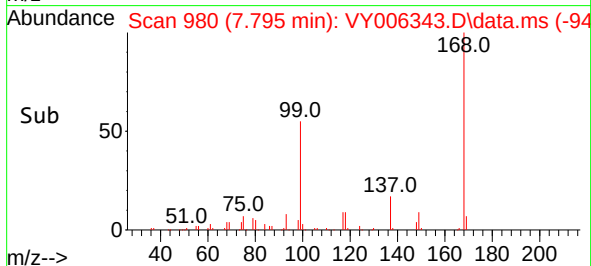


#38
Carbon Tetrachloride
Concen: 5.406 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

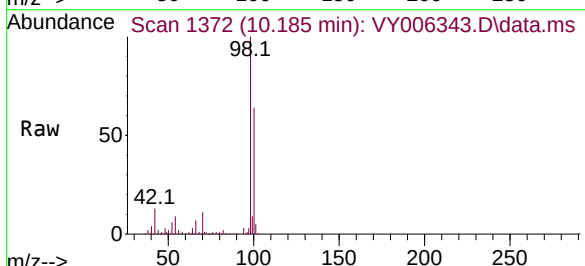
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.5-2.0)



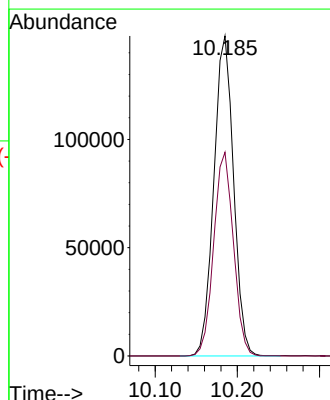
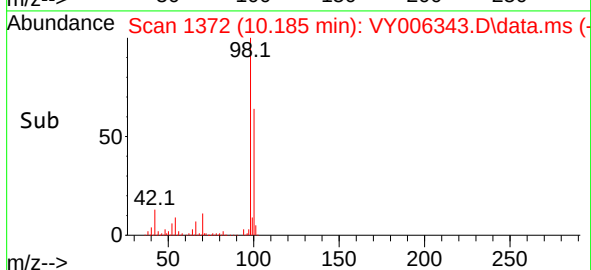
Tgt Ion:117 Resp: 11086
Ion Ratio Lower Upper
117 100
119 7.5 77.9 116.9#
121 0.0 24.8 37.2#

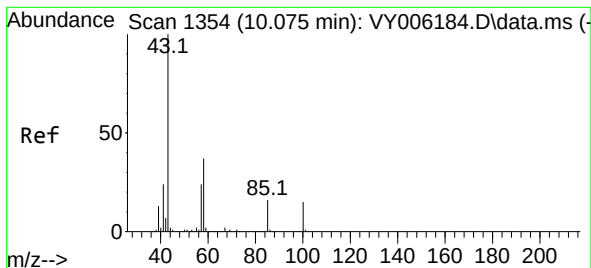


#50
Toluene-d8
Concen: 56.463 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45



Tgt Ion: 98 Resp: 246405
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

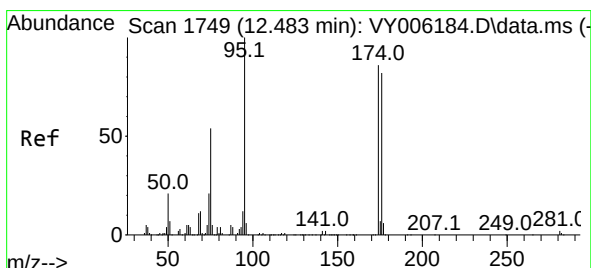
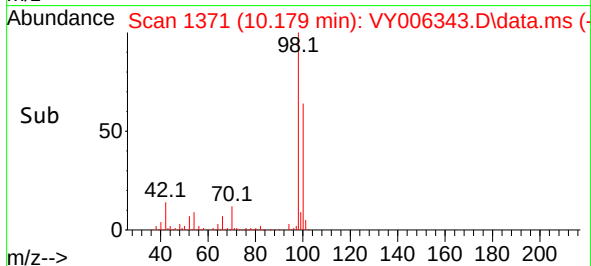
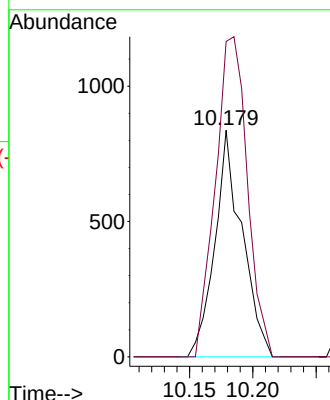
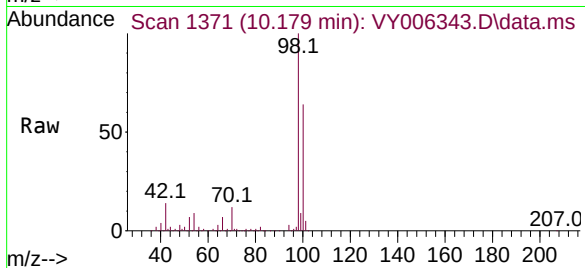




#51
4-Methyl-2-Pentanone
Concen: 1.109 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

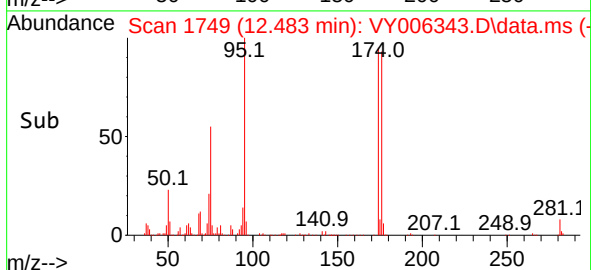
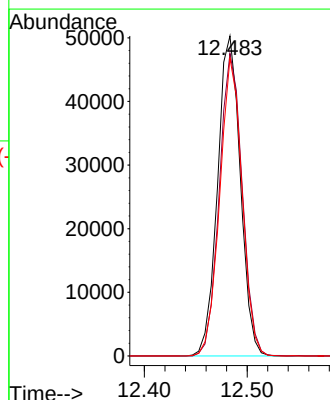
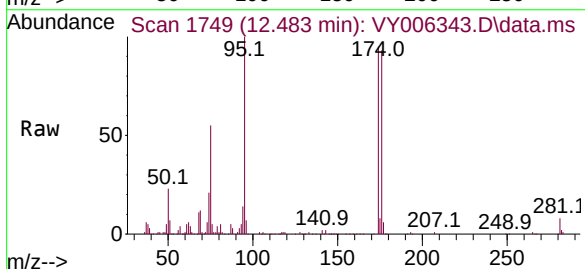
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SB-5(1.5-2.0)

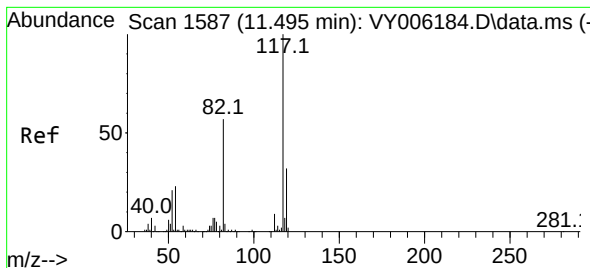
Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 166.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 52.109 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

Tgt Ion: 95 Resp: 77252
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 91.0 0.0 175.8

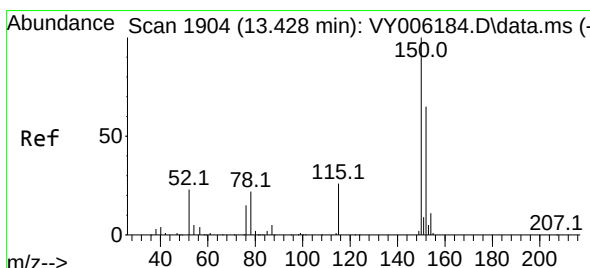
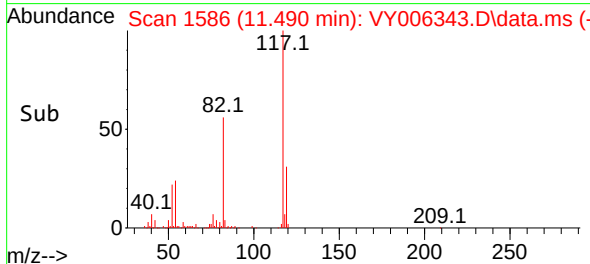
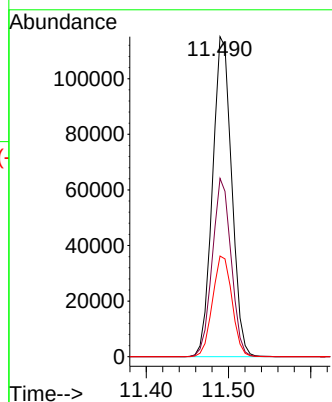
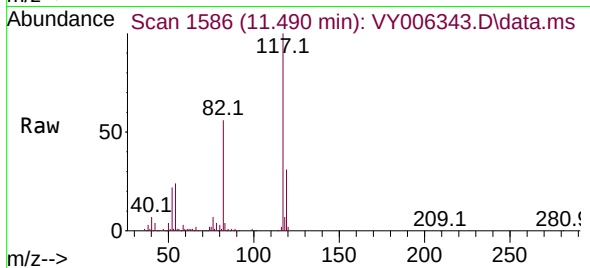




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

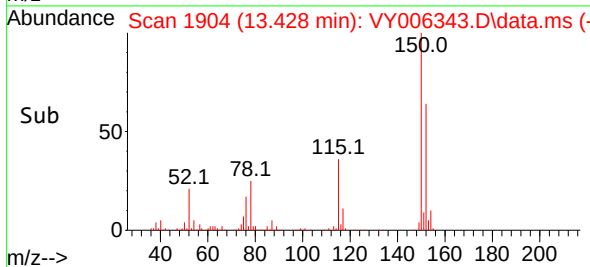
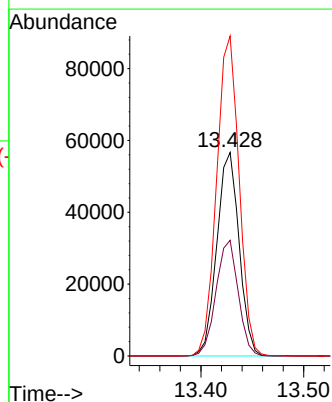
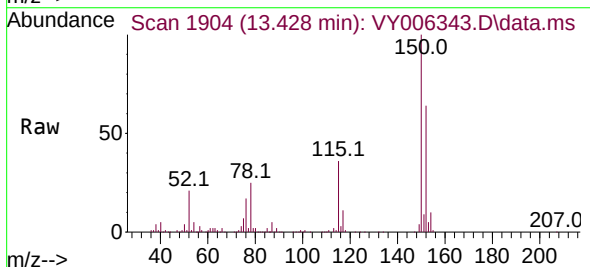
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.5-2.0)

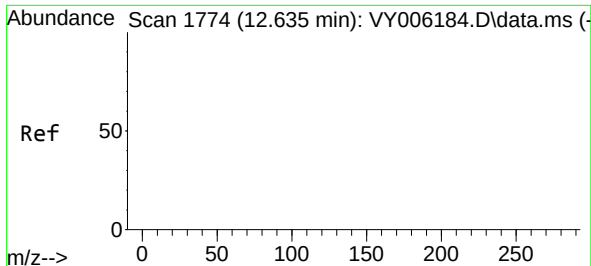
Tgt Ion:117 Resp: 186236
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

Tgt Ion:152 Resp: 85178
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 158.4 0.0 347.6

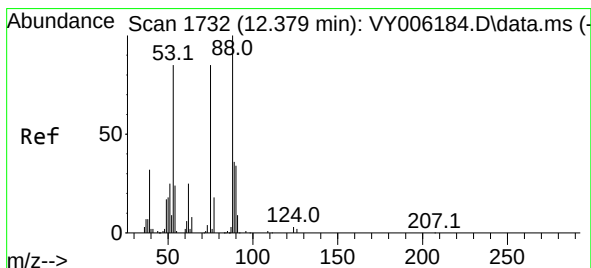
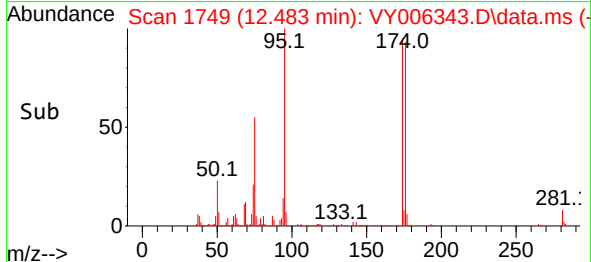
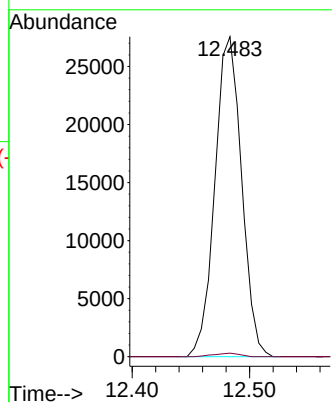
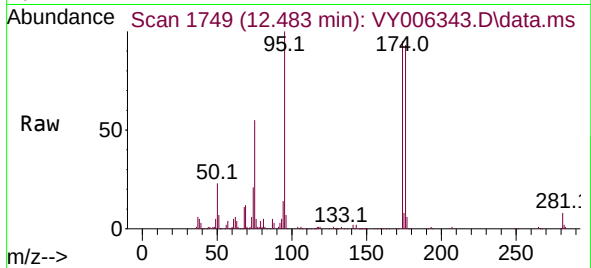




#76
1,2,3-Trichloropropane
Concen: 52.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.5-2.0)

Tgt Ion: 75 Resp: 43519
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006343.D
Acq: 07 Oct 2021 19:45

Tgt Ion: 75 Resp: 43519
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#

