

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006341.D
 Acq On : 07 Oct 2021 18:59
 Operator : SY/MD
 Sample : M4117-13
 Misc : 6.30G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(6.5-7.0)

Quant Time: Oct 08 07:14:35 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)

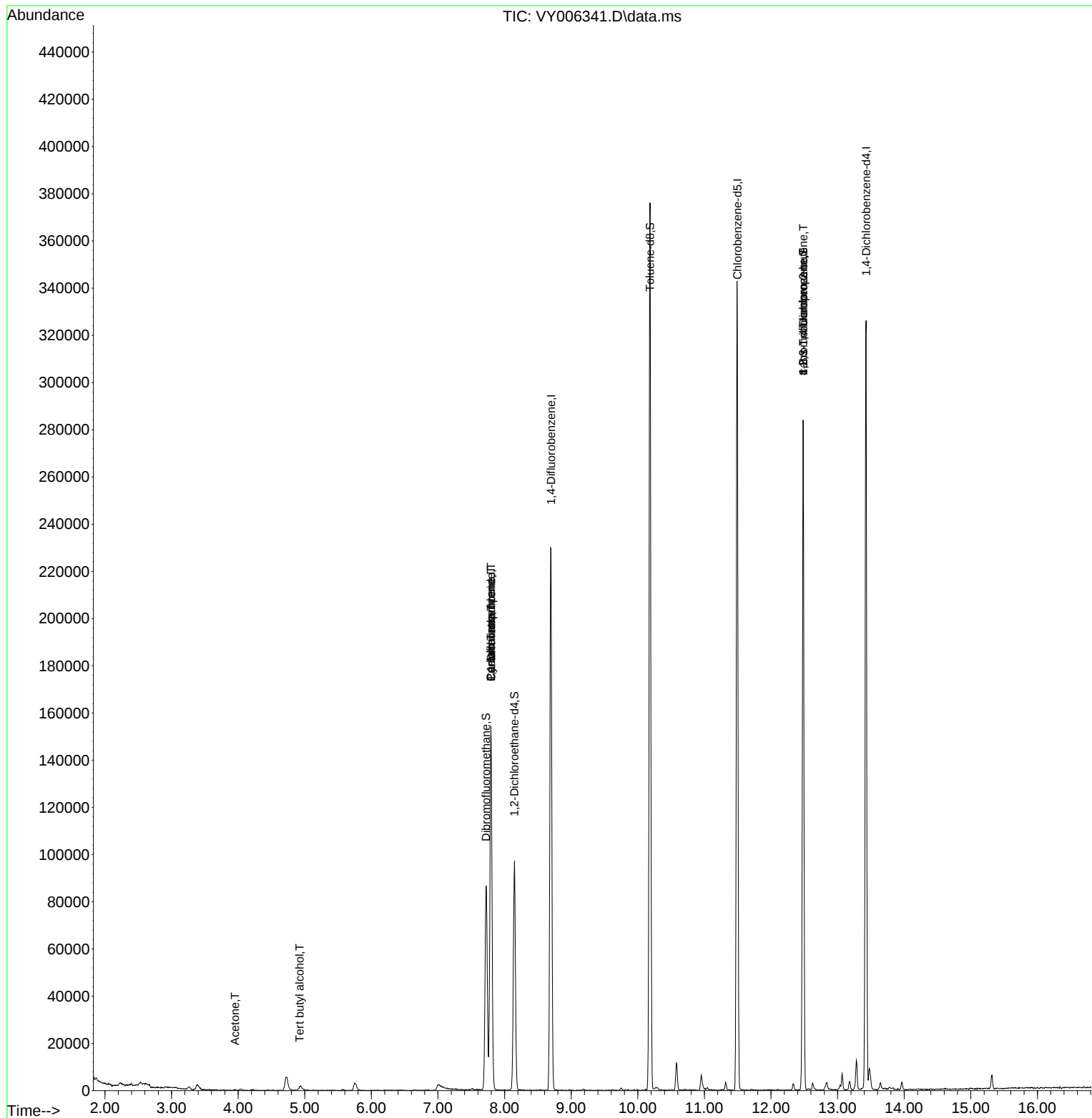
Internal Standards						
1) Pentafluorobenzene	7.795	168	117716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	193174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78880	62.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.220%	
35) Dibromofluoromethane	7.722	113	58067	56.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.520%	
50) Toluene-d8	10.185	98	243292	56.326	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.660%	
62) 4-Bromofluorobenzene	12.483	95	73982	50.419	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.840%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.923	59	1986	18.020	ug/l #	77
16) Acetone	3.954	43	571	1.623	ug/l #	82
20) Methylene Chloride	4.722	84	4199	Below Cal	#	81
31) Cyclohexane	7.795	56	2653	1.111	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	9268	4.822	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11291	5.563	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42539	52.566	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42539	103.299	ug/l #	7

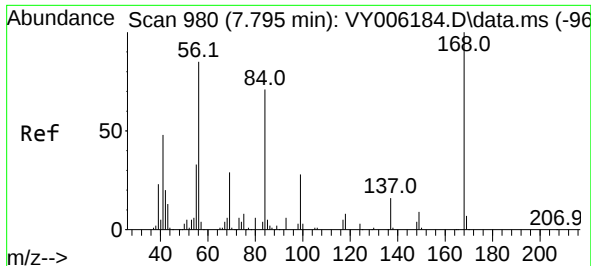
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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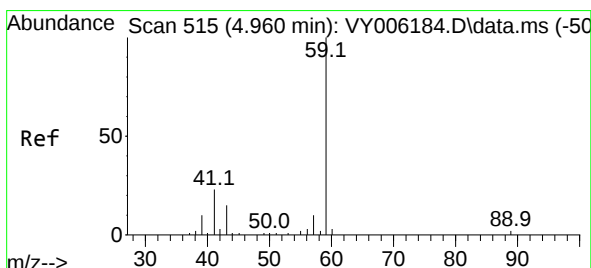
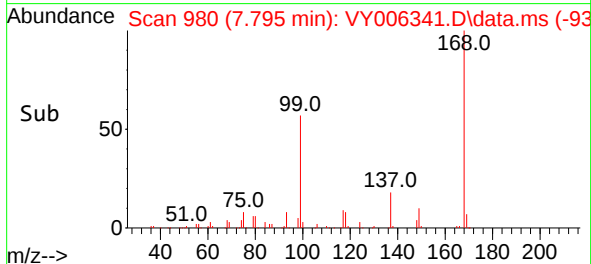
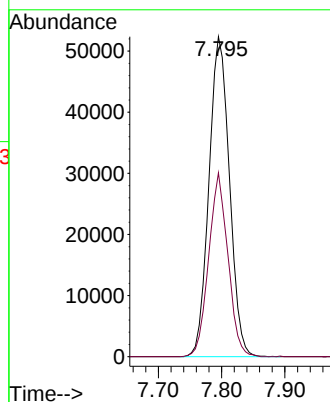
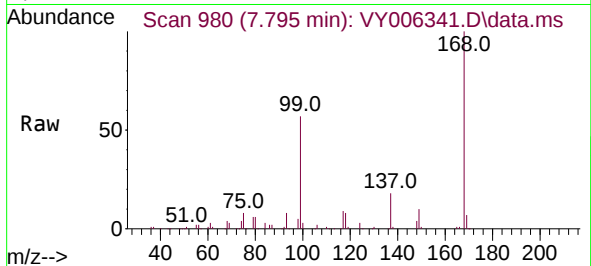




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

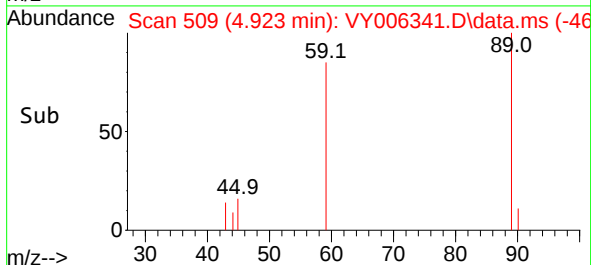
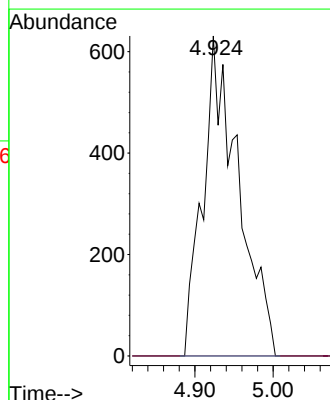
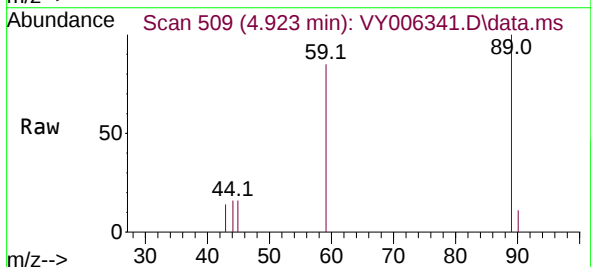
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(6.5-7.0)

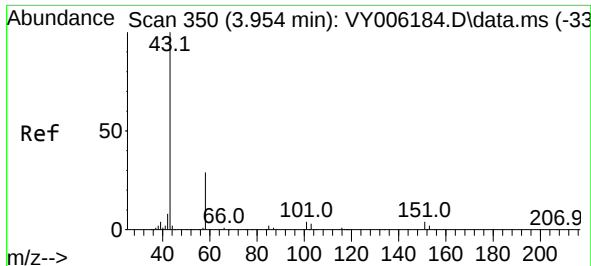
Tgt Ion:168 Resp: 117716
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 18.020 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.037 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

Tgt Ion: 59 Resp: 1986
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

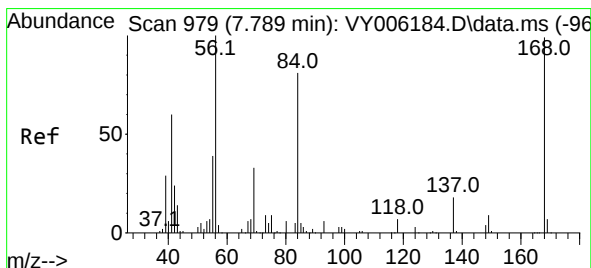
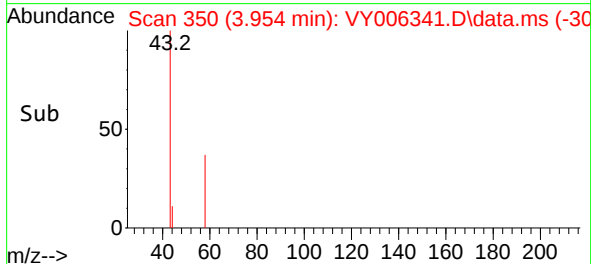
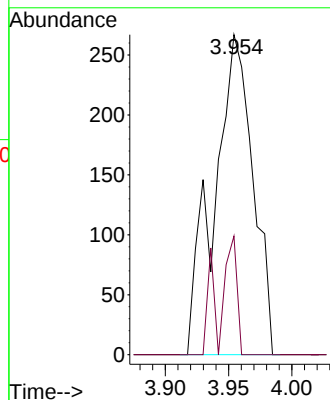
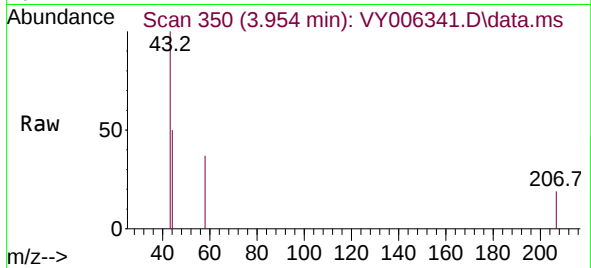




#16
Acetone
Concen: 1.623 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

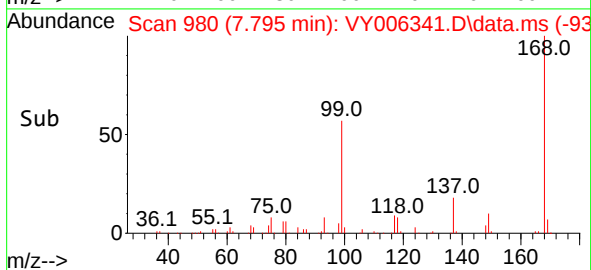
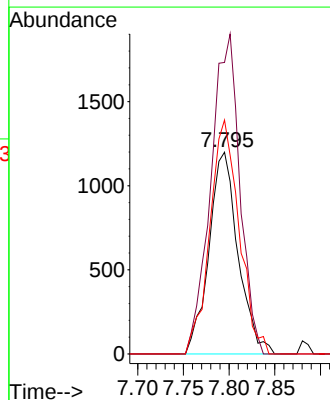
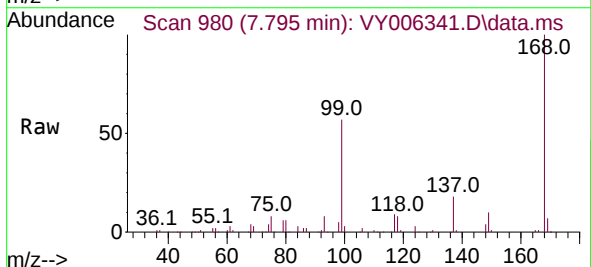
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SB-4(6.5-7.0)

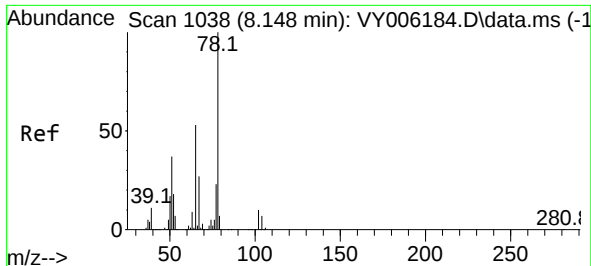
Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

Tgt Ion: 56 Resp: 2653
Ion Ratio Lower Upper
56 100
69 144.5 26.7 40.1#
84 115.9 67.2 100.8#

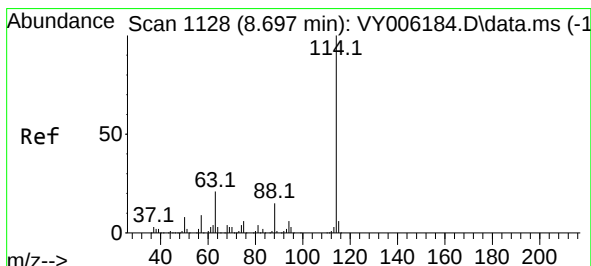
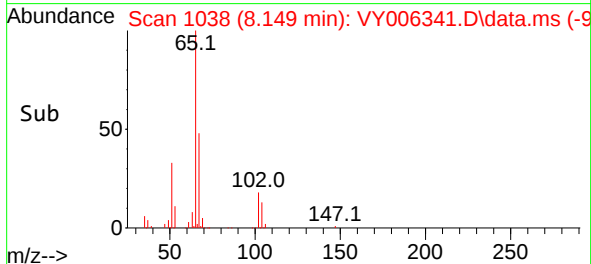
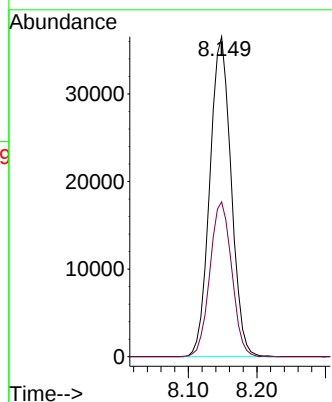
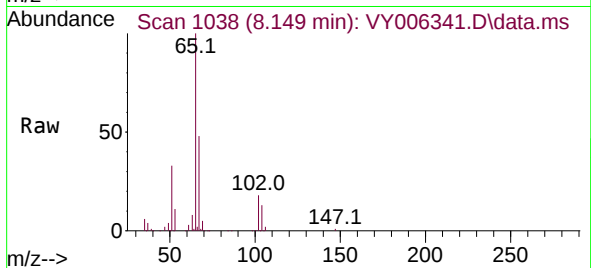




#33
1,2-Dichloroethane-d4
Concen: 62.608 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

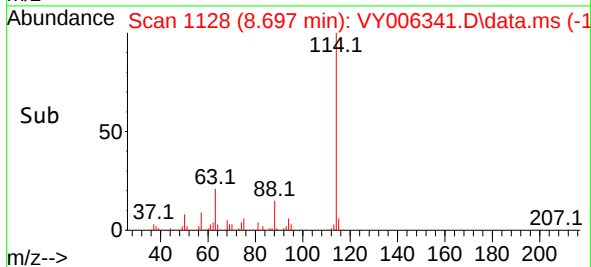
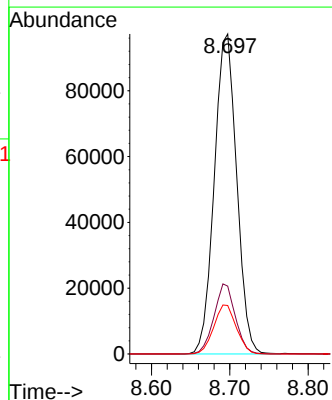
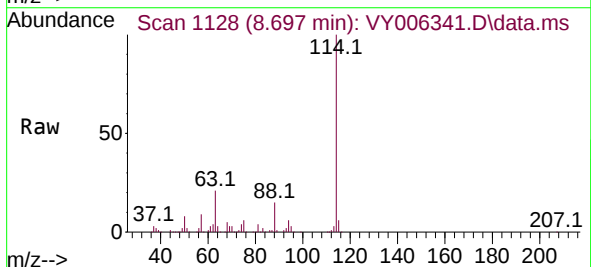
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(6.5-7.0)

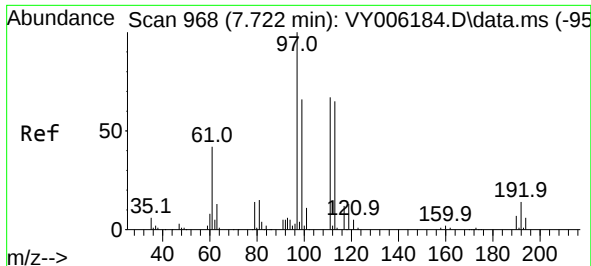
Tgt Ion: 65 Resp: 78880
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

Tgt Ion: 114 Resp: 193174
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 15.1 0.0 31.8

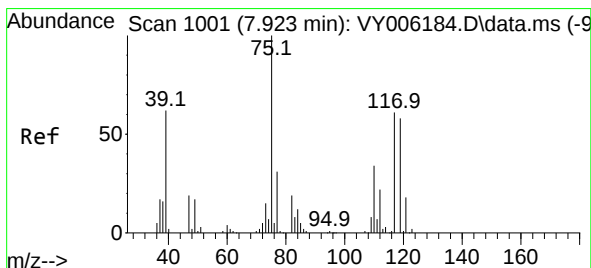
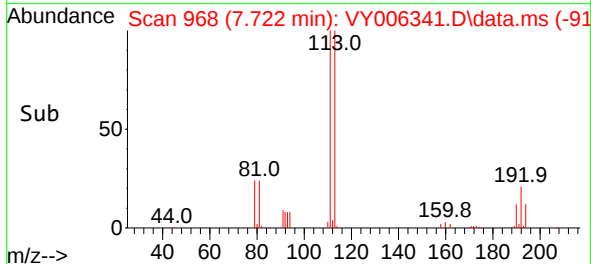
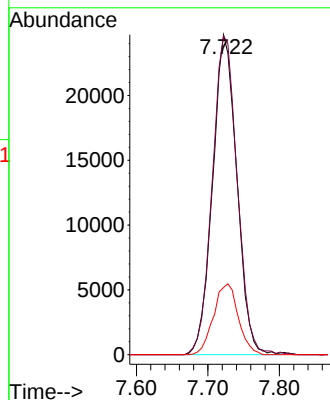
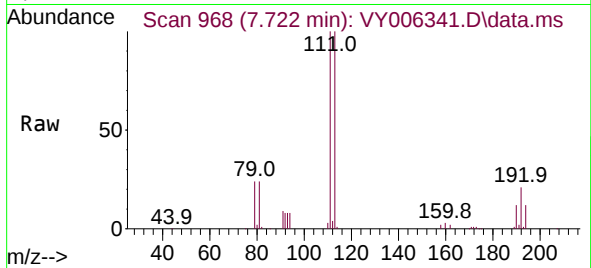




#35
Dibromofluoromethane
Concen: 56.264 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

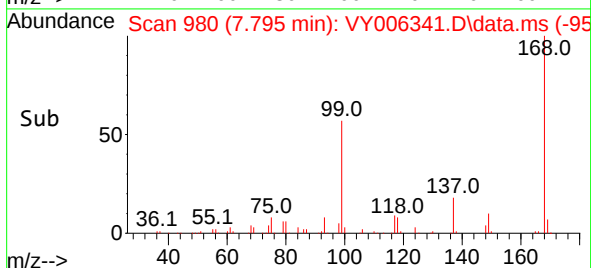
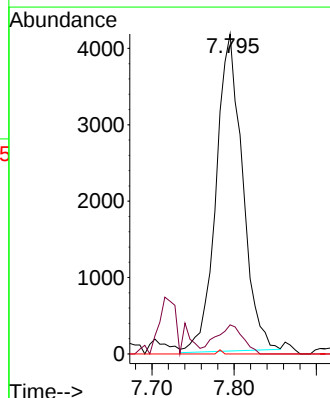
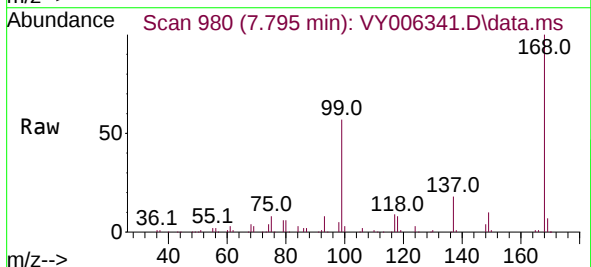
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SB-4(6.5-7.0)

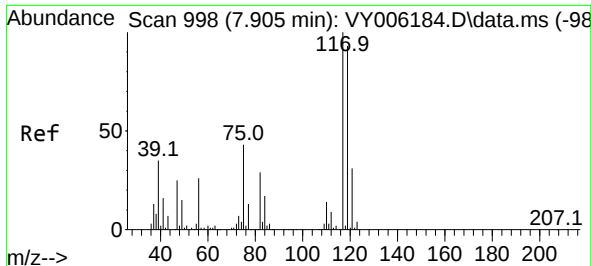
Tgt Ion:113 Resp: 58067
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 22.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

Tgt Ion: 75 Resp: 9268
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.2 24.4 36.6#

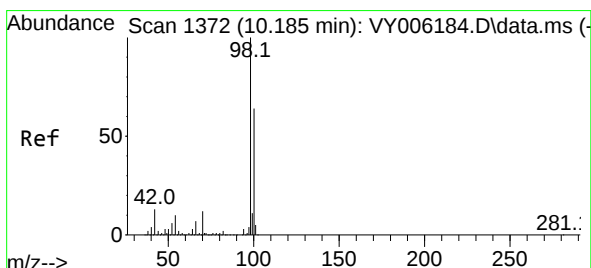
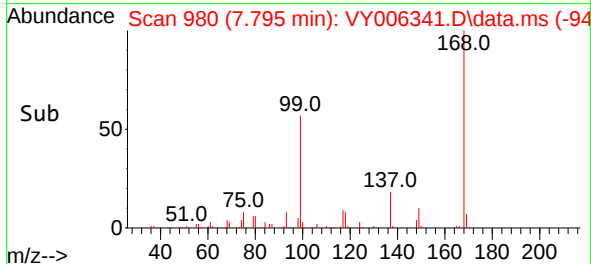
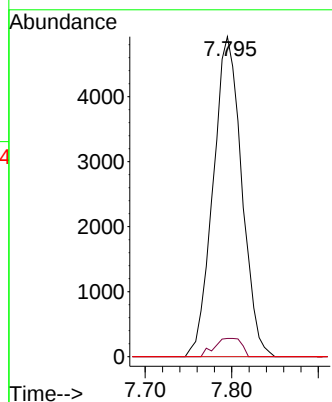
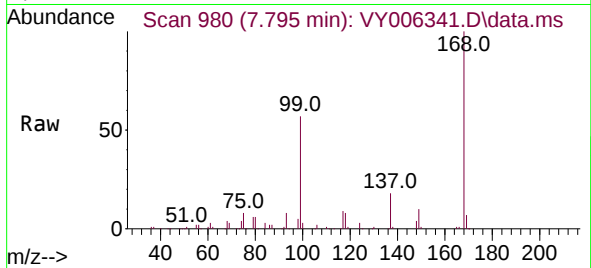




#38
Carbon Tetrachloride
Concen: 5.563 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

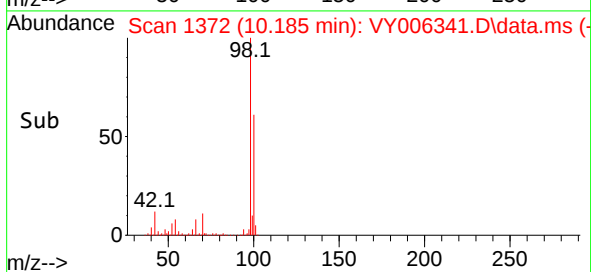
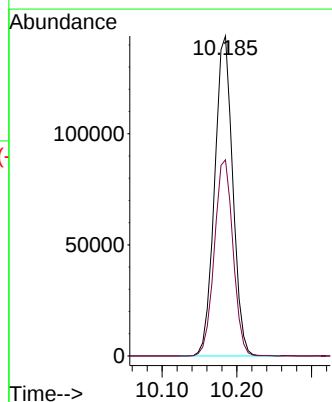
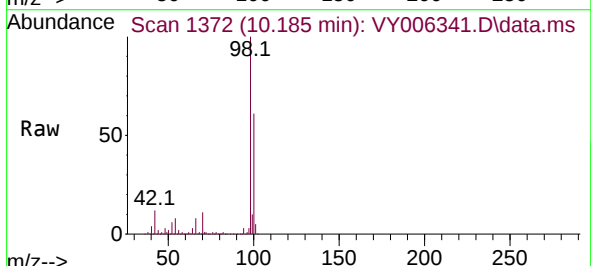
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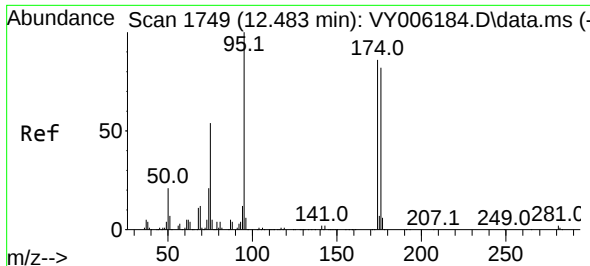
Tgt Ion:117 Resp: 11291
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 56.326 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

Tgt Ion: 98 Resp: 243292
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

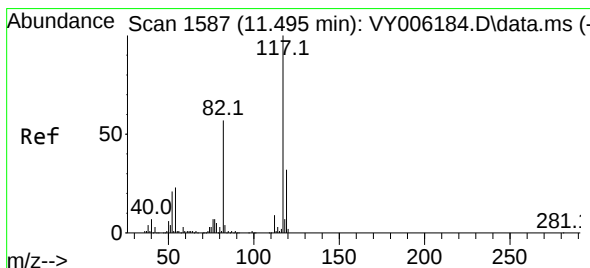
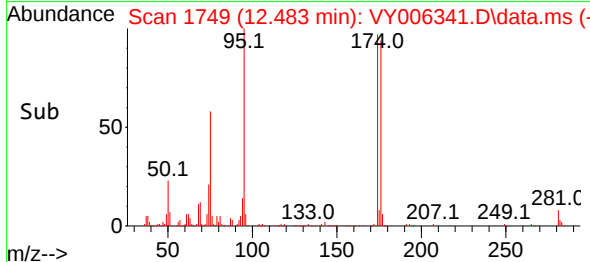
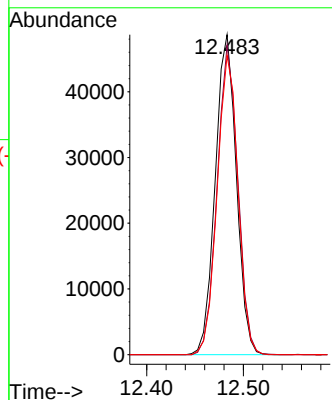
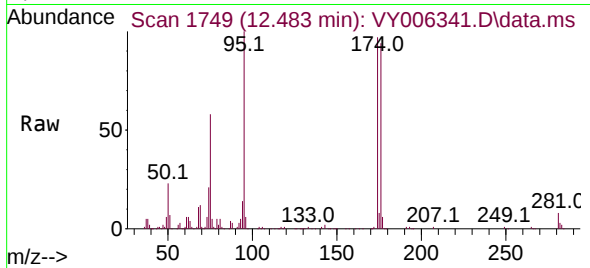




#62
4-Bromofluorobenzene
Concen: 50.419 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

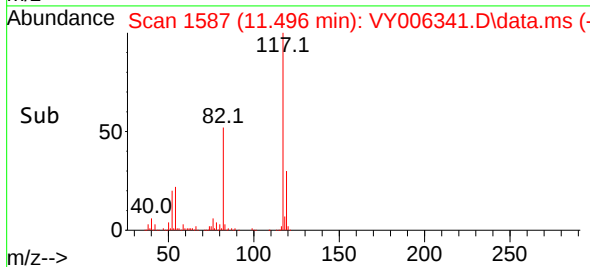
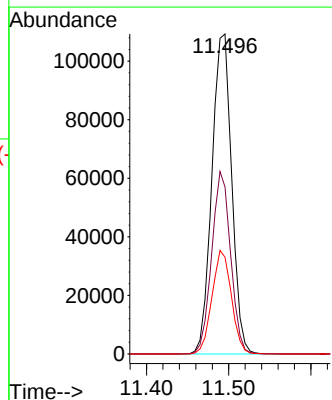
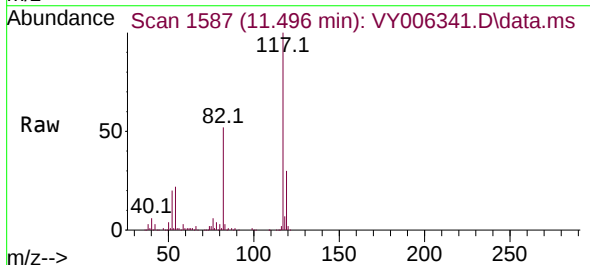
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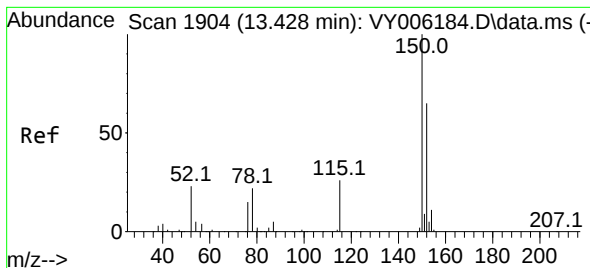
Tgt Ion: 95 Resp: 73982
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 92.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006341.D
Acq: 07 Oct 2021 18:59

Tgt Ion: 117 Resp: 182519
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 30.2 25.4 38.0

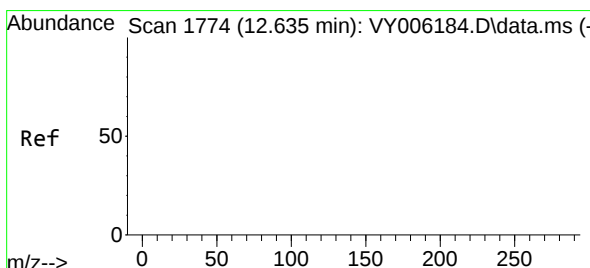
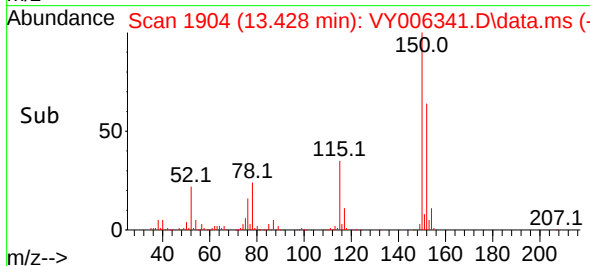
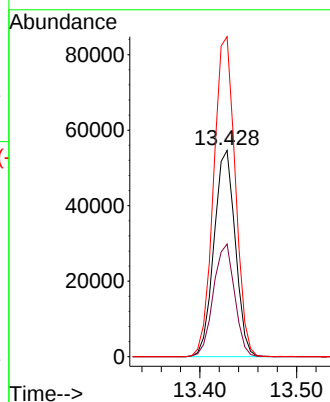
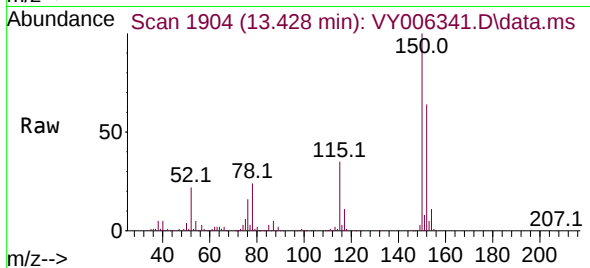




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006341.D
 Acq: 07 Oct 2021 18:59

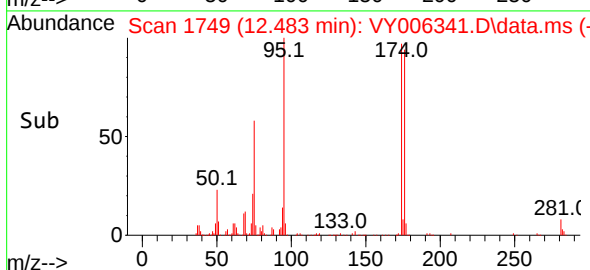
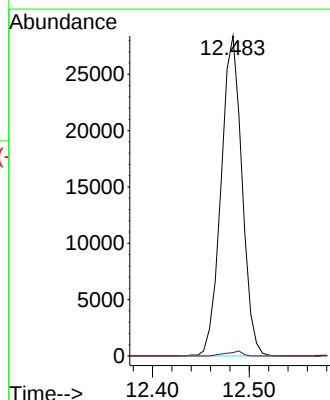
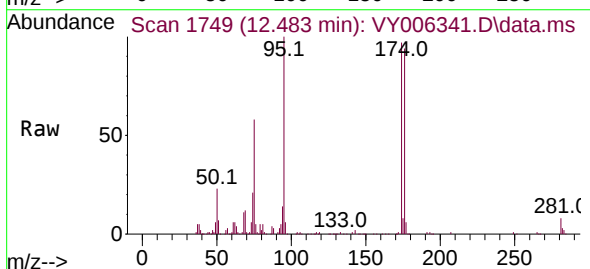
Instrument :
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 SB-4(6.5-7.0)

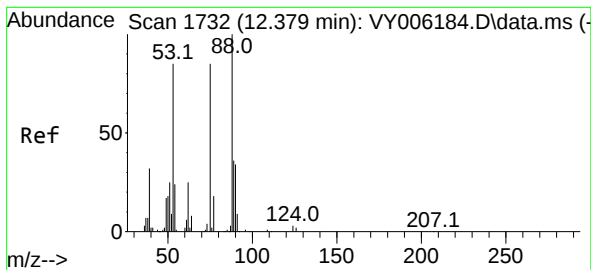
Tgt Ion:152 Resp: 83261
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 52.566 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006341.D
 Acq: 07 Oct 2021 18:59

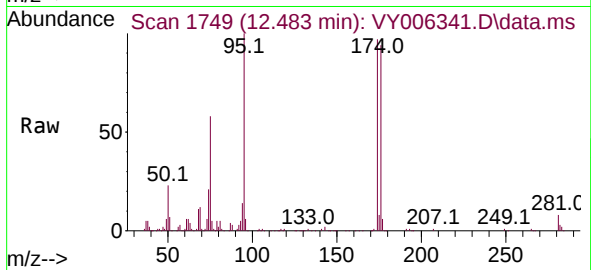
Tgt Ion: 75 Resp: 42539
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.299 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006341.D
 Acq: 07 Oct 2021 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(6.5-7.0)



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

