

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006198.D
 Acq On : 28 Sep 2021 19:05
 Operator : SY/MD
 Sample : M3971-07
 Misc : 4.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RP-COMP-3

Quant Time: Sep 29 03:22:16 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)

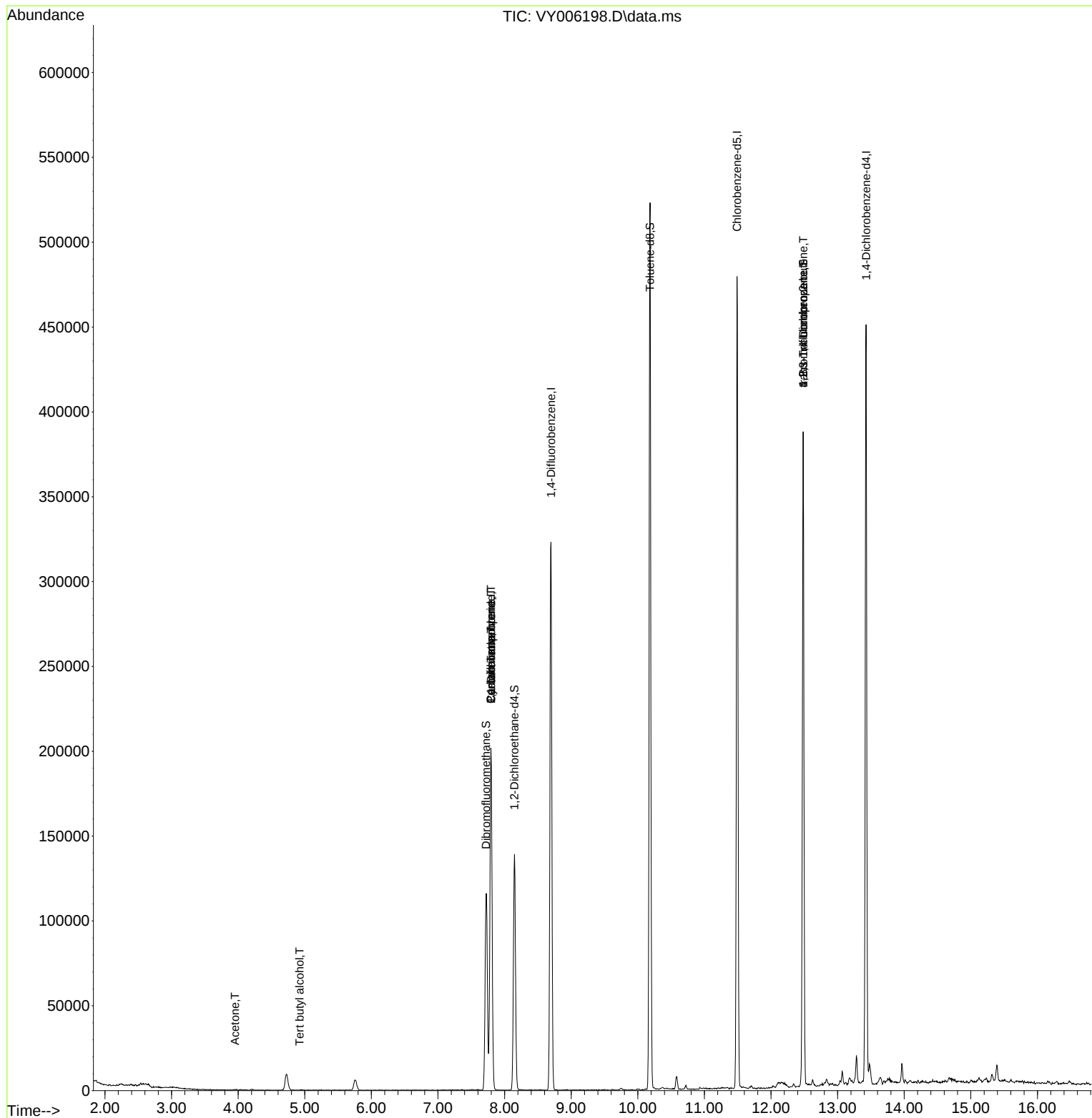
Internal Standards						
1) Pentafluorobenzene	7.795	168	156661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	267117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	109748	65.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.900%	
35) Dibromofluoromethane	7.722	113	81871	57.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.740%	
50) Toluene-d8	10.185	98	333282	55.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.483	95	109698	54.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	149	1.016	ug/l #	77
16) Acetone	3.954	43	770	1.644	ug/l #	47
31) Cyclohexane	7.795	56	3689	1.161	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	12515	4.709	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15024	5.354	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	60304	55.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60304	109.521	ug/l #	7

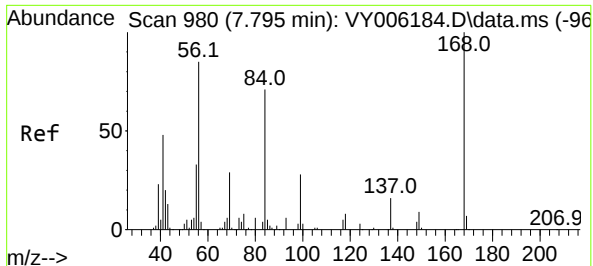
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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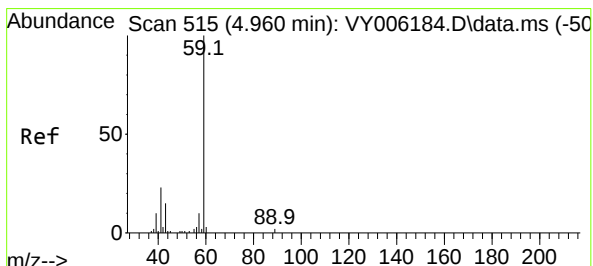
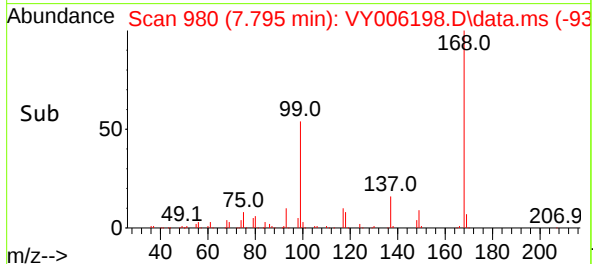
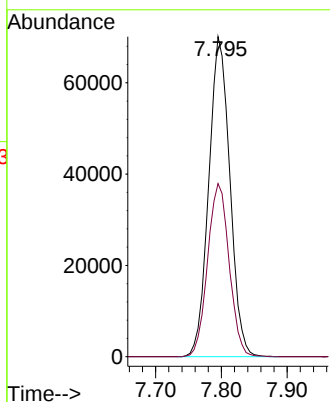
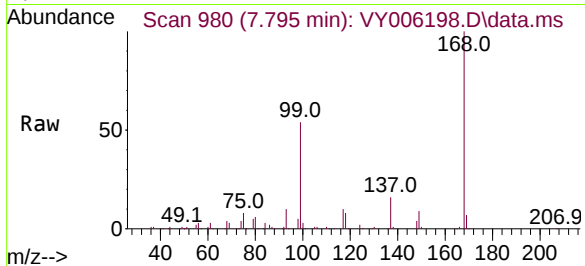




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

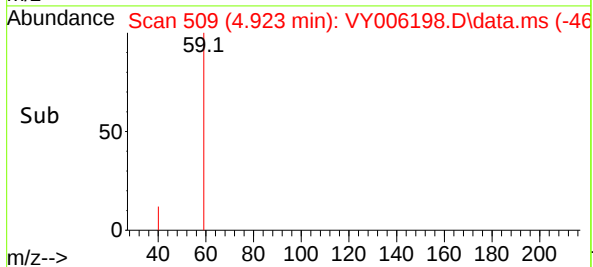
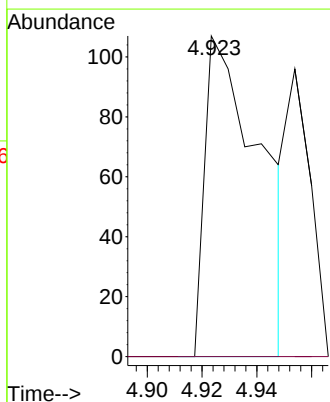
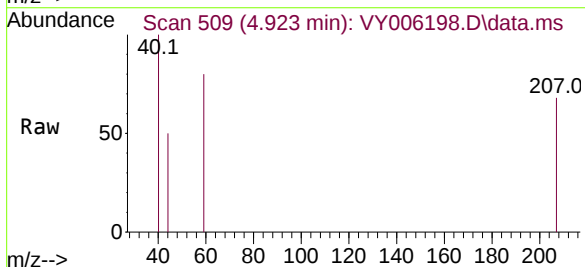
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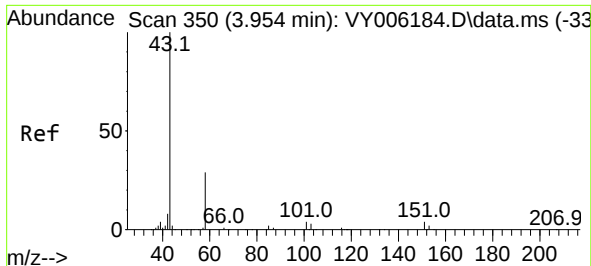
Tgt Ion:168 Resp: 156661
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.016 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.037 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

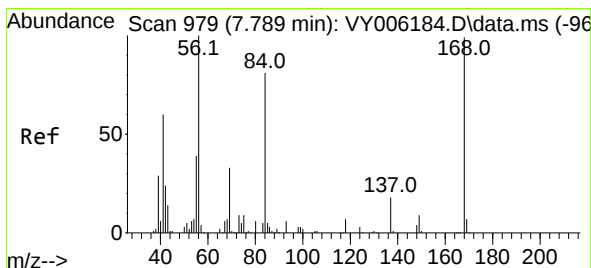
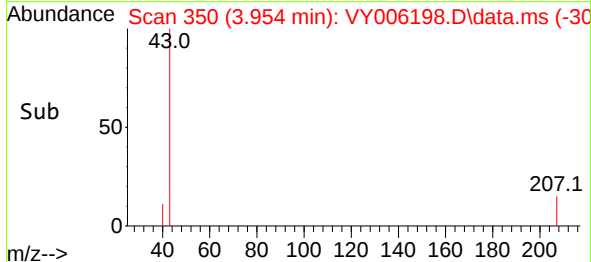
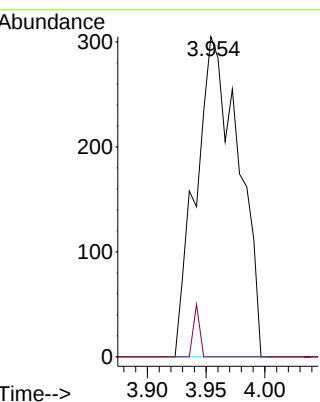
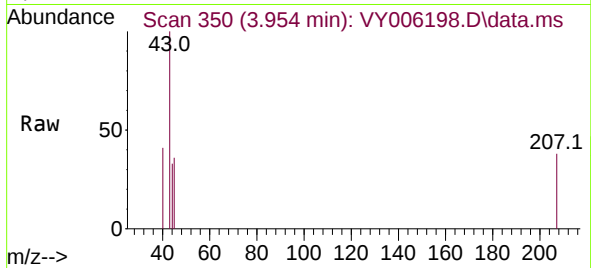




#16
Acetone
Concen: 1.644 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

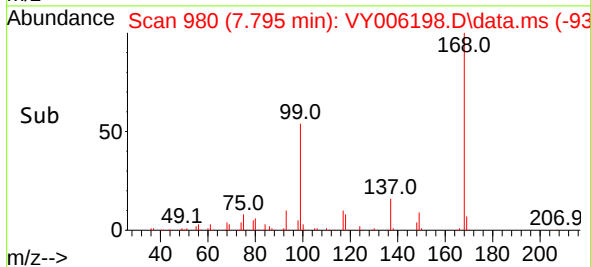
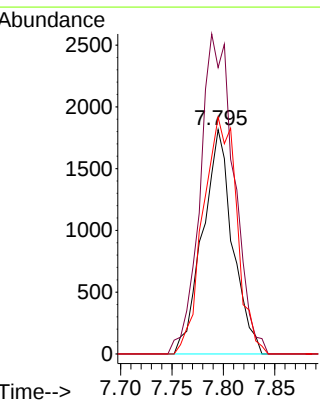
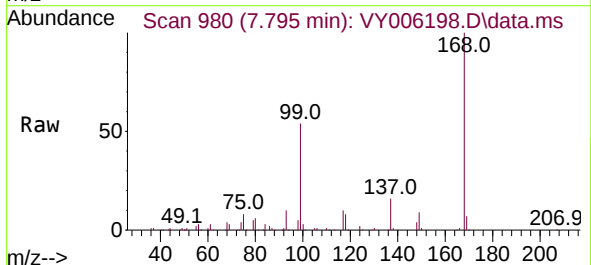
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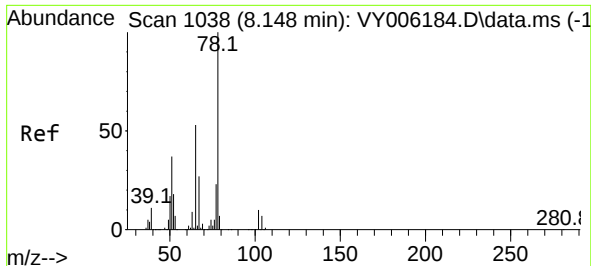
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

Tgt Ion: 56 Resp: 3689
Ion Ratio Lower Upper
56 100
69 127.6 26.7 40.1#
84 105.5 67.2 100.8#

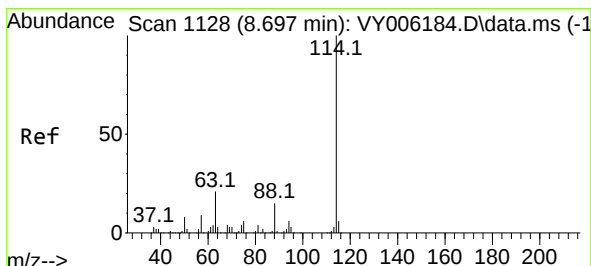
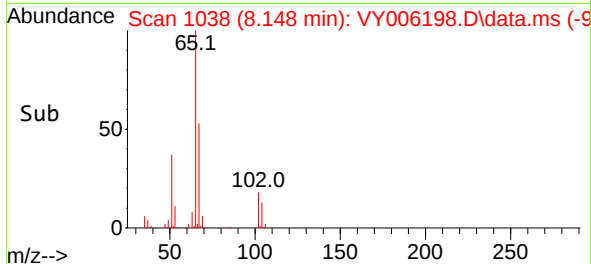
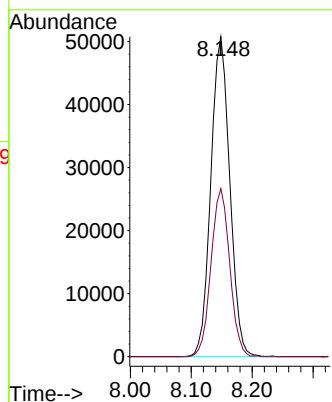
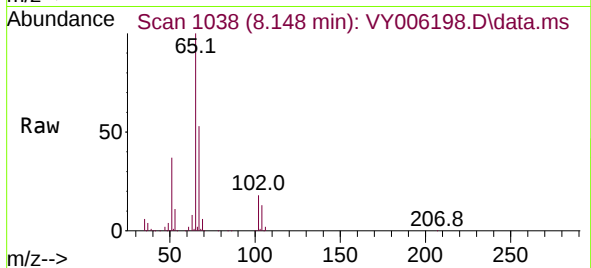




#33
1,2-Dichloroethane-d4
Concen: 65.454 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

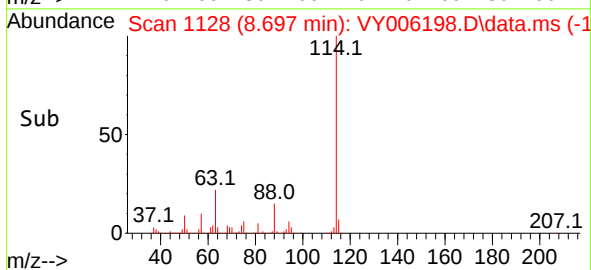
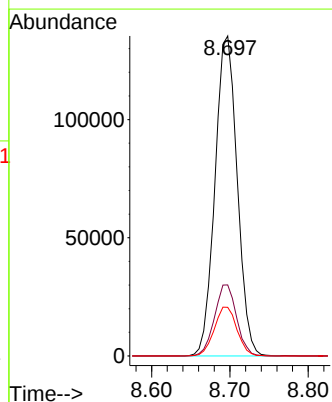
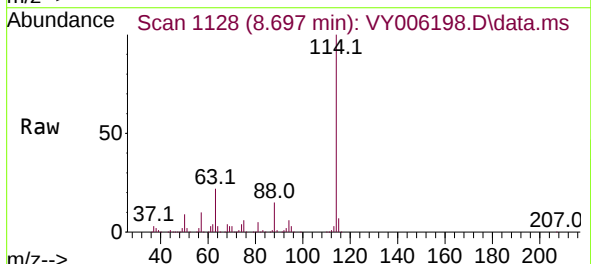
Instrument :
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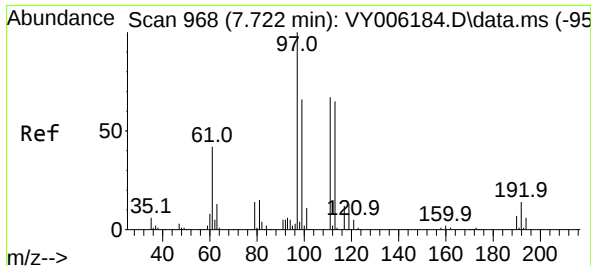
Tgt Ion: 65 Resp: 109748
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

Tgt Ion: 114 Resp: 267117
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 15.2 0.0 31.8

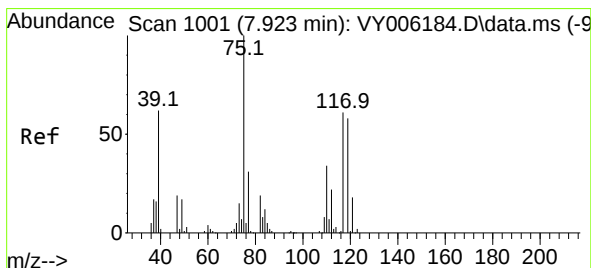
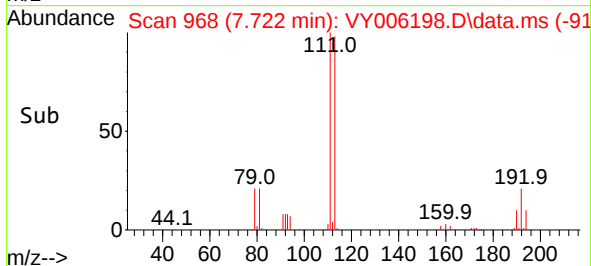
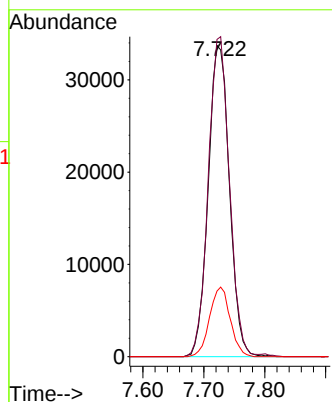
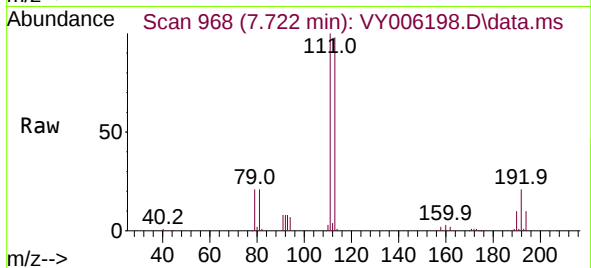




#35
Dibromofluoromethane
Concen: 57.369 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

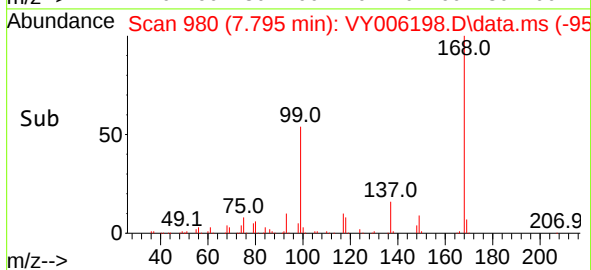
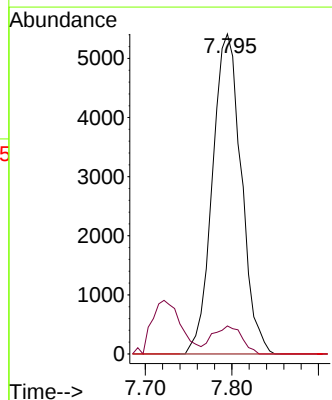
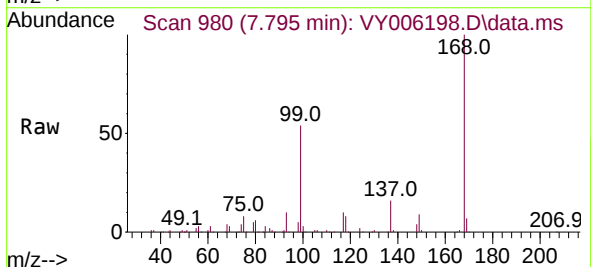
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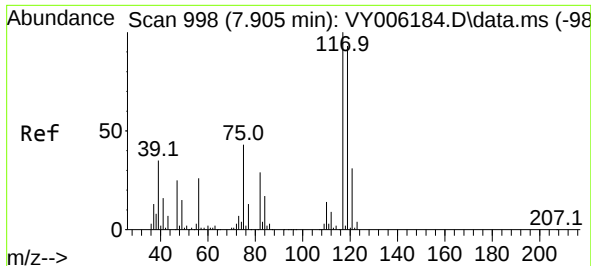
Tgt Ion:113 Resp: 81871
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

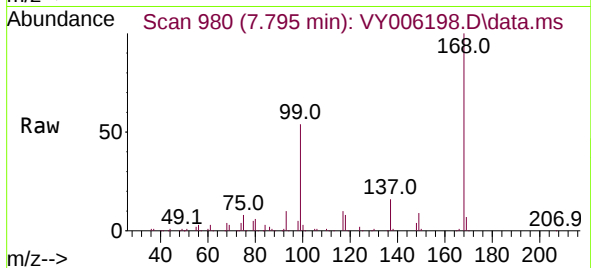
Tgt Ion: 75 Resp: 12515
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



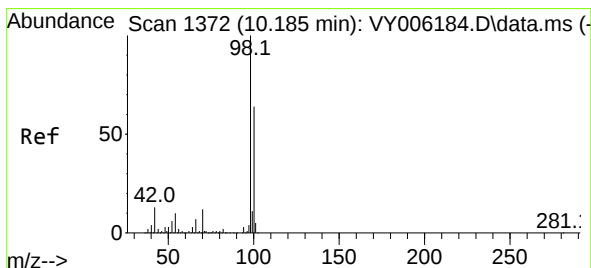
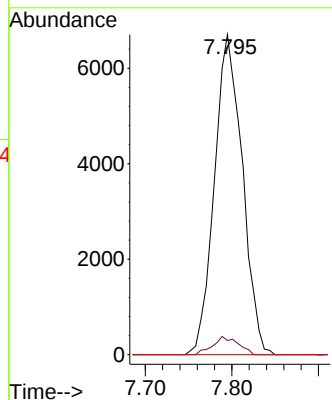
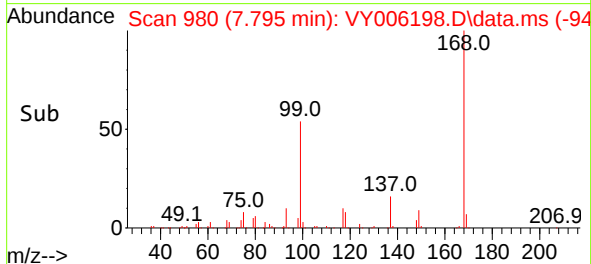


#38
Carbon Tetrachloride
Concen: 5.354 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

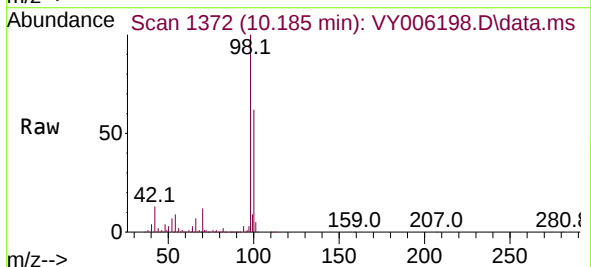
Instrument :
MSVOA_Y
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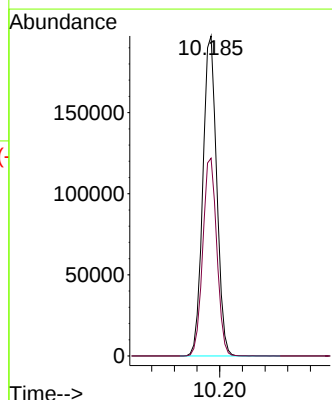
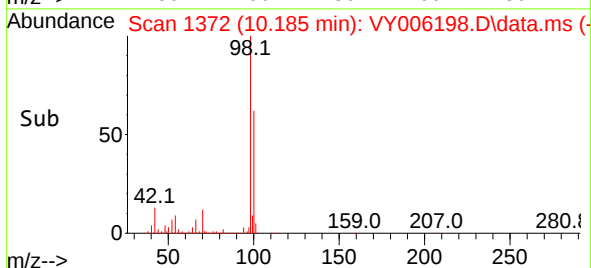
Tgt Ion:117 Resp: 15024
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#

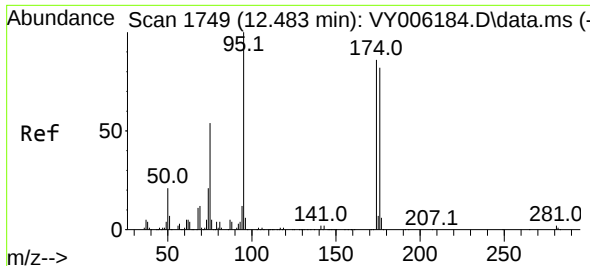


#50
Toluene-d8
Concen: 55.801 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05



Tgt Ion: 98 Resp: 333282
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2

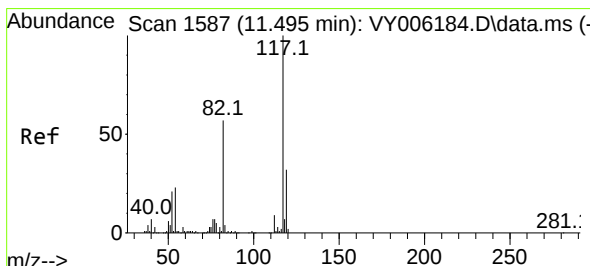
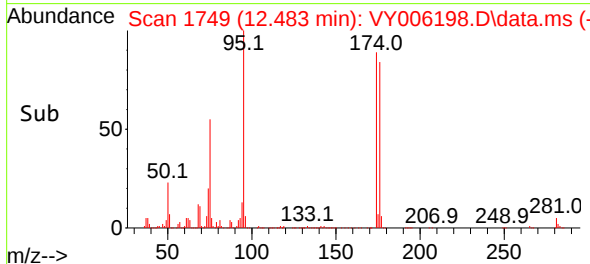
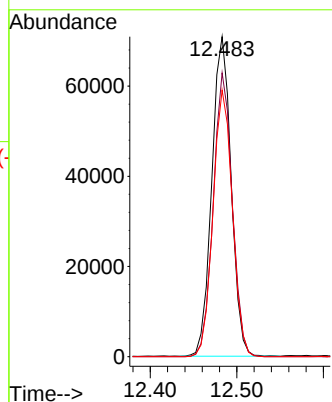
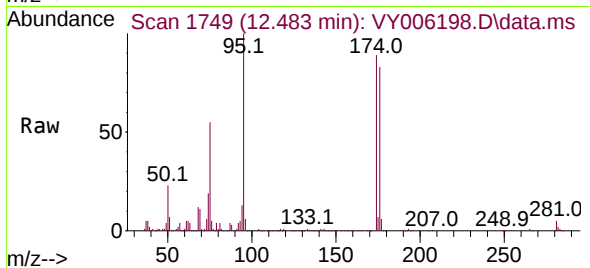




#62
4-Bromofluorobenzene
Concen: 54.065 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

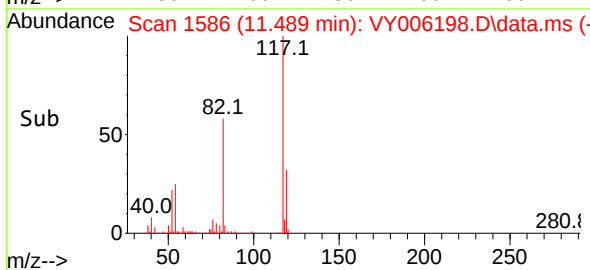
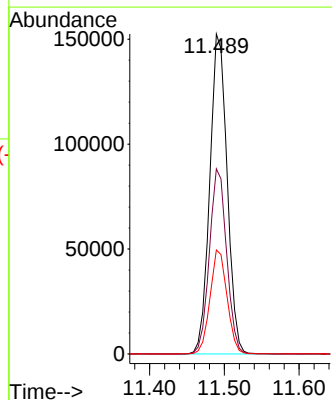
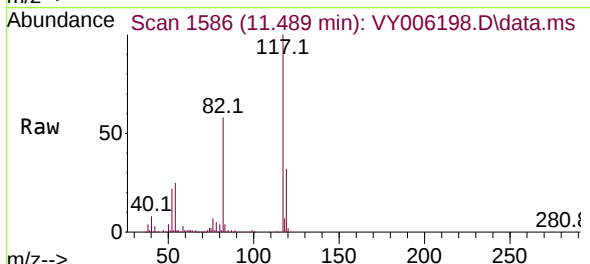
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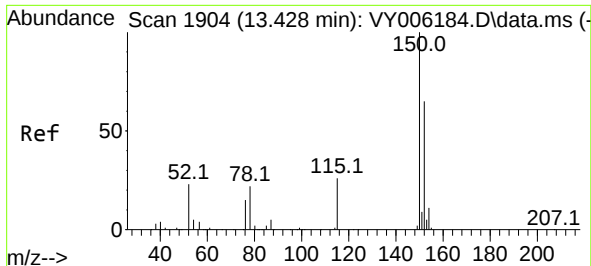
Tgt Ion:	95	Resp:	109698
Ion Ratio	Lower	Upper	
95	100		
174	87.3	0.0	177.0
176	83.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006198.D
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Tgt Ion:	117	Resp:	245500
Ion Ratio	Lower	Upper	
117	100		
82	57.8	43.0	64.4
119	32.5	25.4	38.0

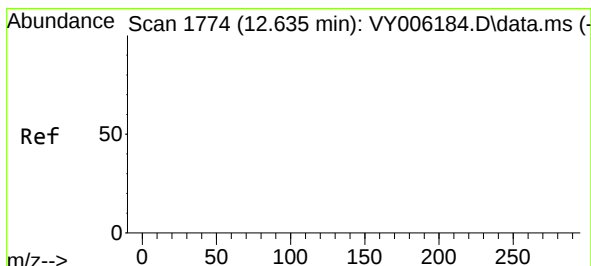
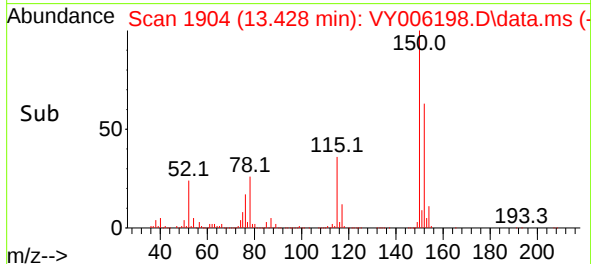
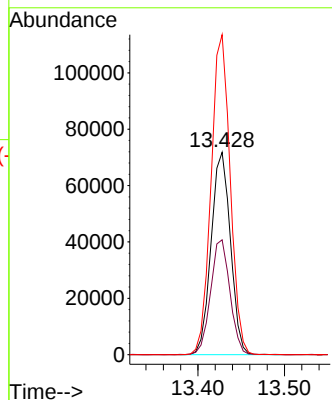
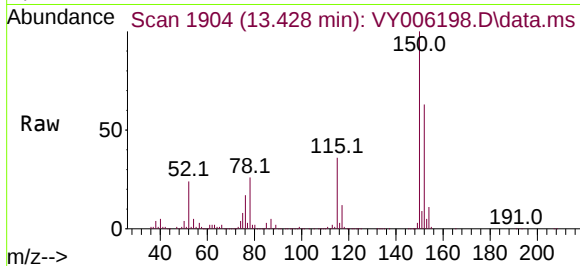




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

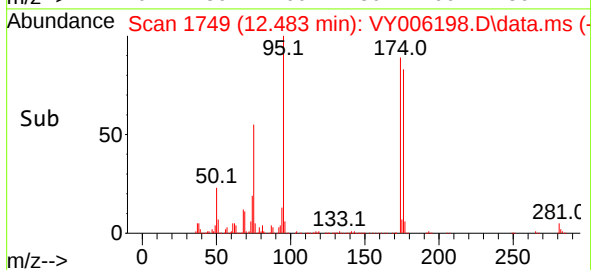
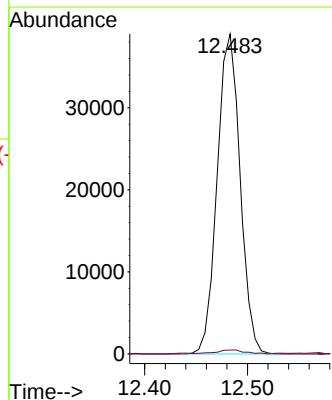
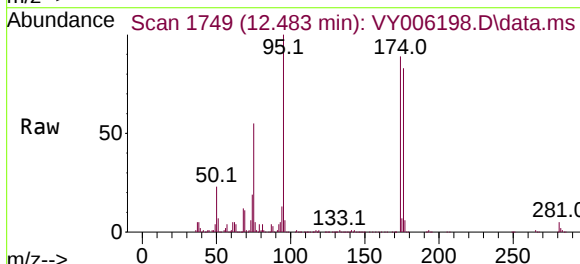
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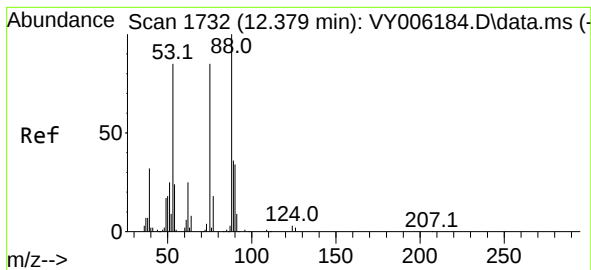
Tgt Ion:152 Resp: 111327
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 156.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 55.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006198.D
Acq: 28 Sep 2021 19:05

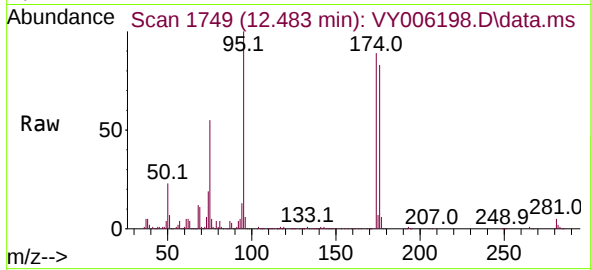
Tgt Ion: 75 Resp: 60304
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.521 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006198.D
 Acq: 28 Sep 2021 19:05

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

