

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006109.D
 Acq On : 22 Sep 2021 17:24
 Operator : SY/MD
 Sample : M3886-01
 Misc : 5.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Sep 23 01:27:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

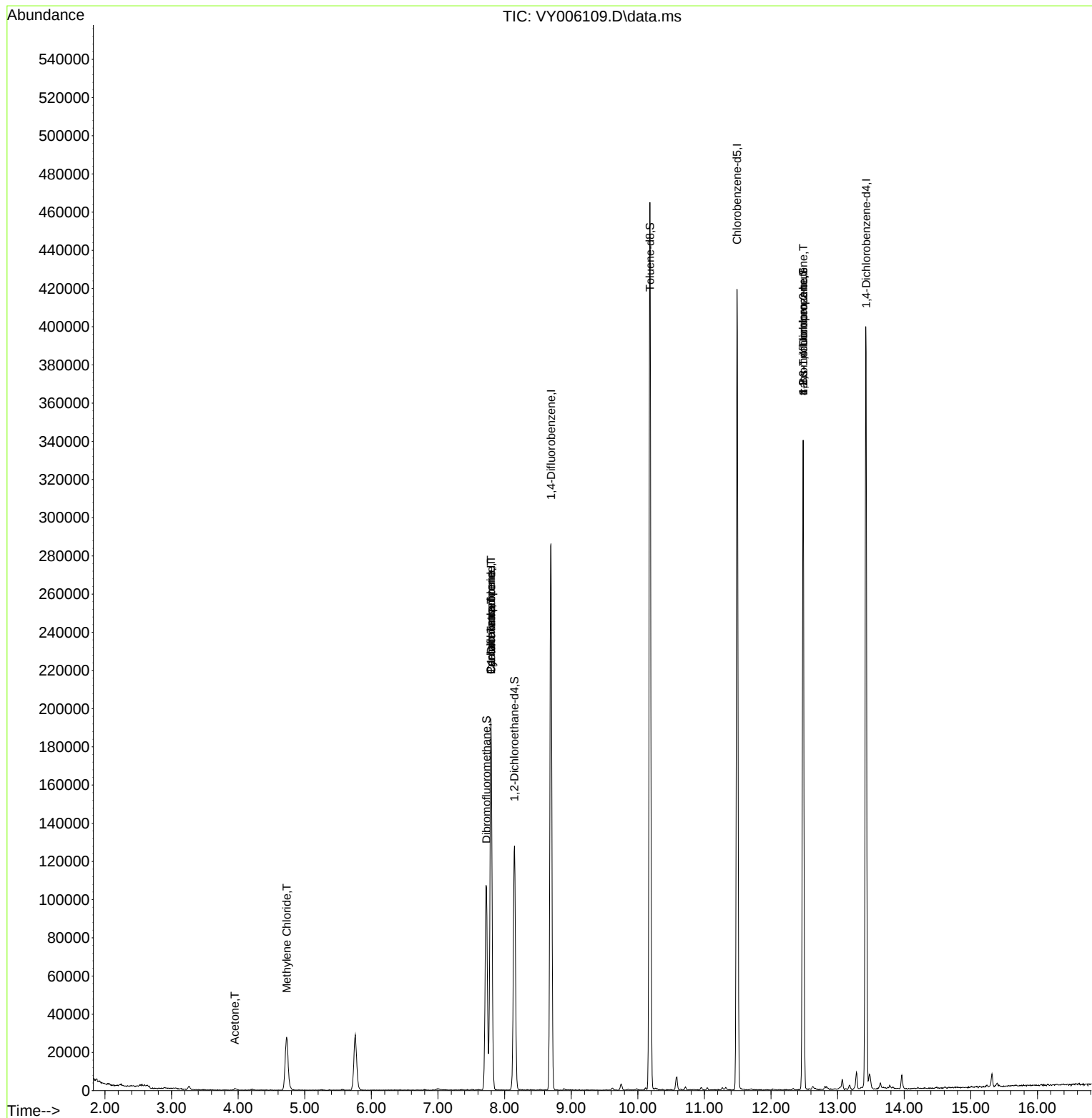
Internal Standards						
1) Pentafluorobenzene	7.795	168	147041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105471	51.639	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.280%			
35) Dibromofluoromethane	7.728	113	73427	49.936	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.880%			
50) Toluene-d8	10.185	98	300436	47.939	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.880%			
62) 4-Bromofluorobenzene	12.483	95	94280	44.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.620%			
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1499	2.676	ug/l	98
20) Methylene Chloride	4.728	84	19912	7.435	ug/l	88
31) Cyclohexane	7.795	56	3450	1.054	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	10982	4.298	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14734	5.297	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	53376	50.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53376	92.504	ug/l #	7

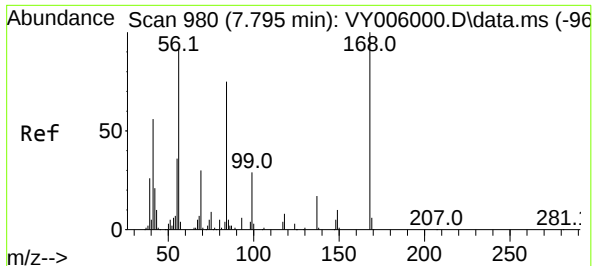
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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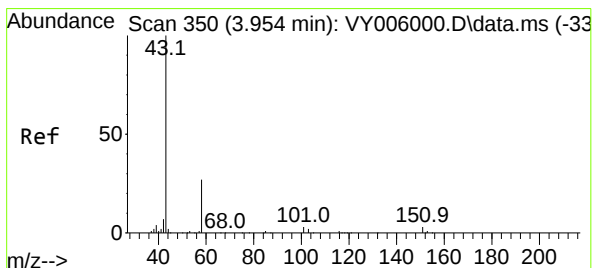
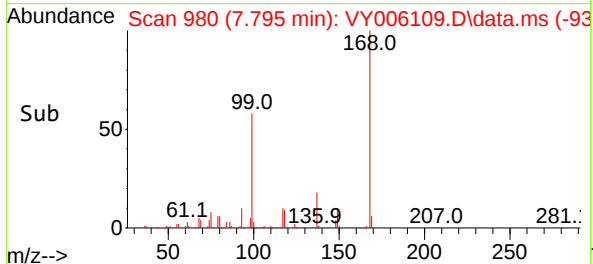
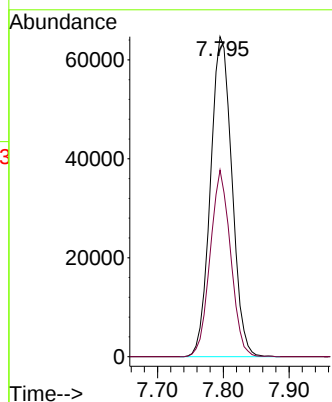
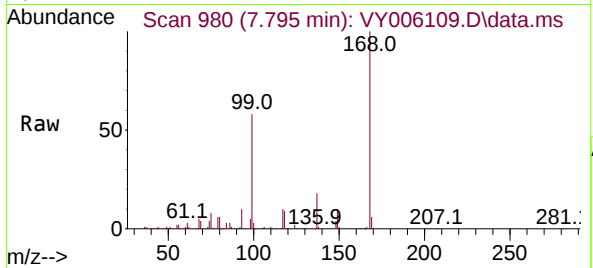




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

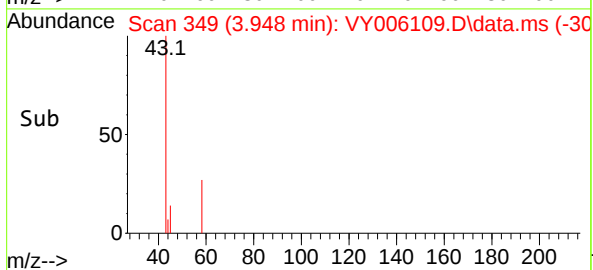
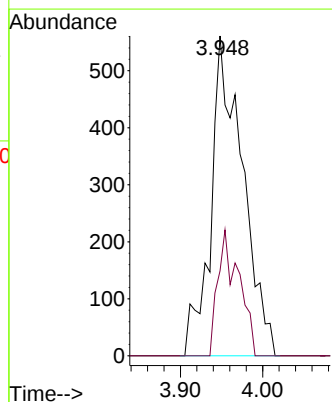
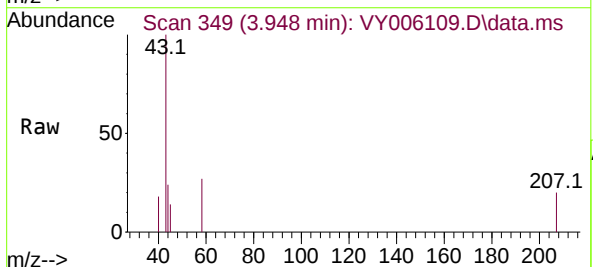
Instrument :
MSVOA_Y
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COMP-1

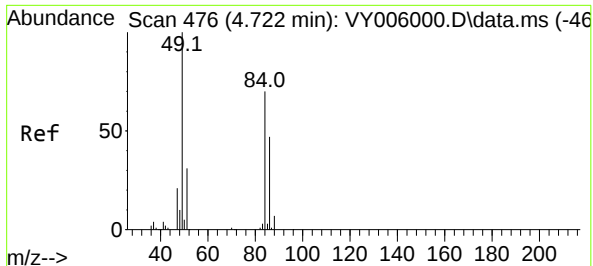
Tgt Ion:168 Resp: 147041
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#16
Acetone
Concen: 2.676 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
58 26.6 22.0 33.0

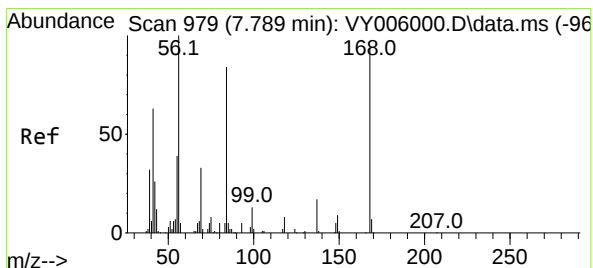
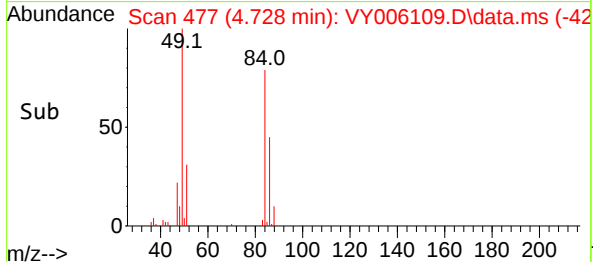
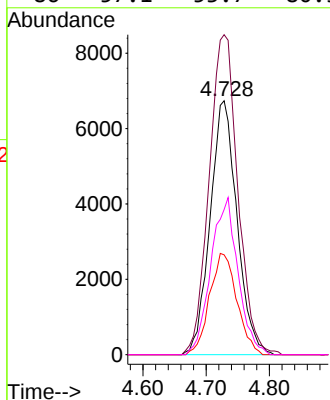
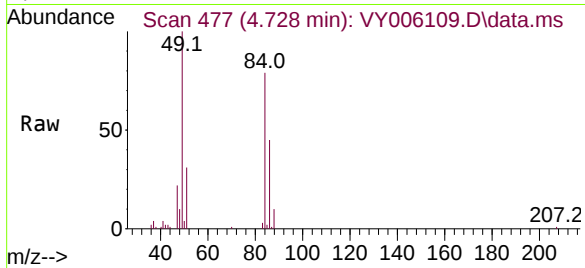




#20
Methylene Chloride
Concen: 7.435 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

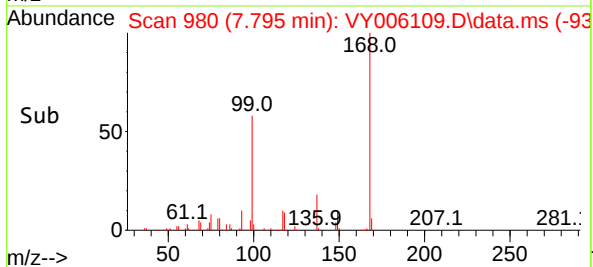
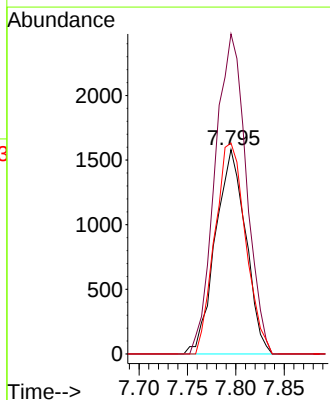
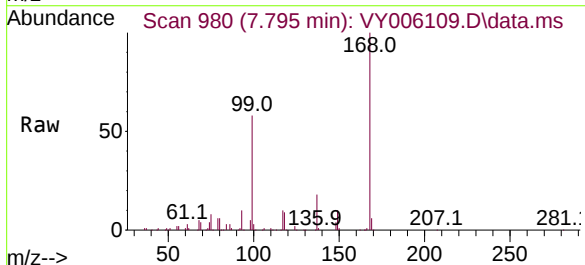
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

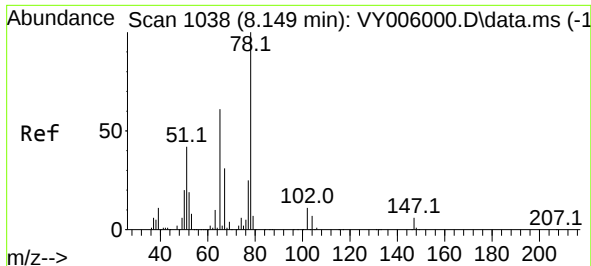
Tgt Ion:	84	Resp:	19912
Ion	Ratio	Lower	Upper
84	100		
49	126.0	114.4	171.6
51	39.3	35.3	52.9
86	57.1	53.7	80.5



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

Tgt Ion:	56	Resp:	3450
Ion	Ratio	Lower	Upper
56	100		
69	156.6	26.7	40.1#
84	103.2	67.2	100.8#

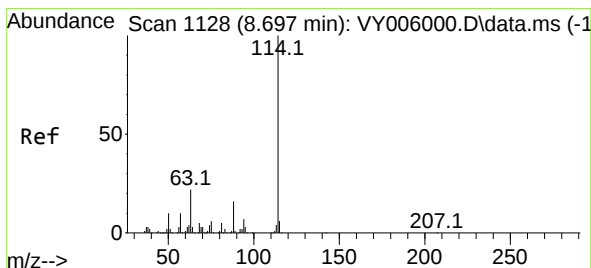
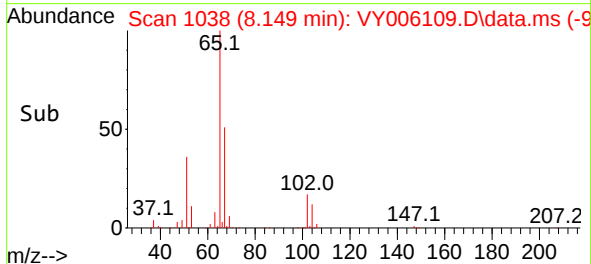
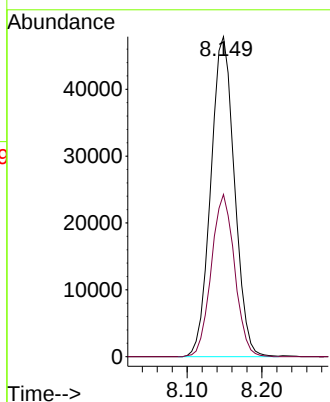
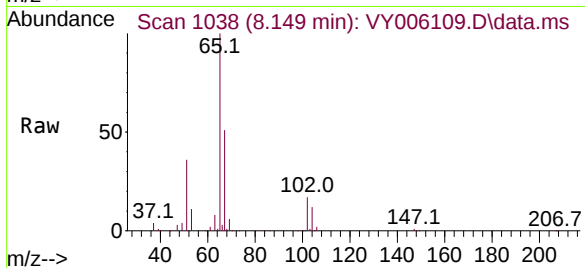




#33
 1,2-Dichloroethane-d4
 Concen: 51.639 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006109.D
 Acq: 22 Sep 2021 17:24

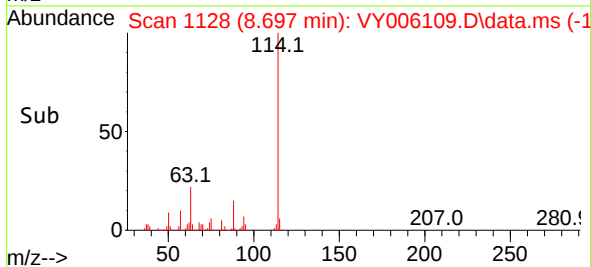
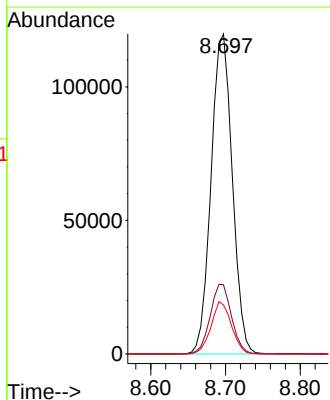
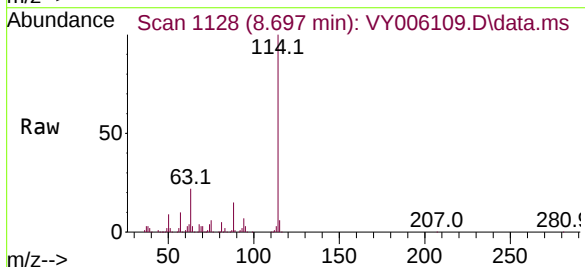
Instrument :
 MSVOA_Y
 ClientSampleId :
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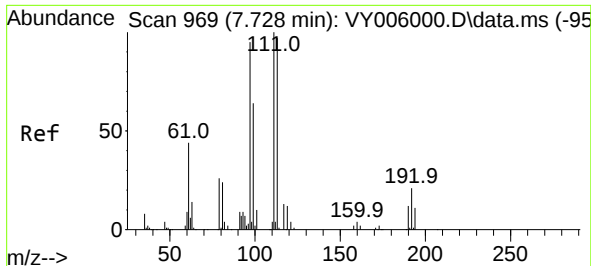
Tgt Ion: 65 Resp: 105471
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006109.D
 Acq: 22 Sep 2021 17:24

Tgt Ion:114 Resp: 236739
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.3 0.0 31.8

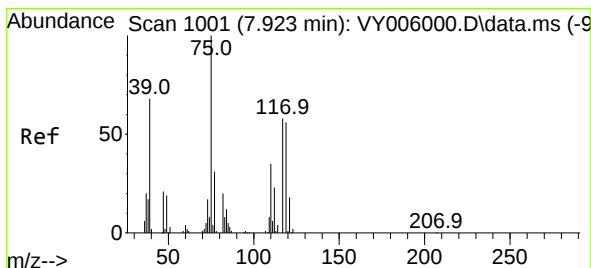
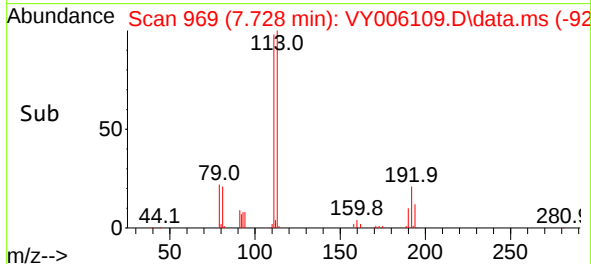
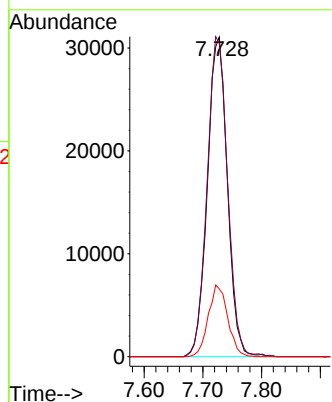
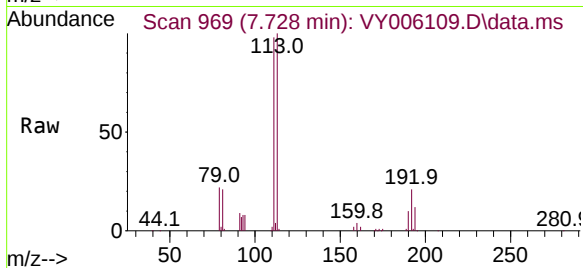




#35
Dibromofluoromethane
Concen: 49.936 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

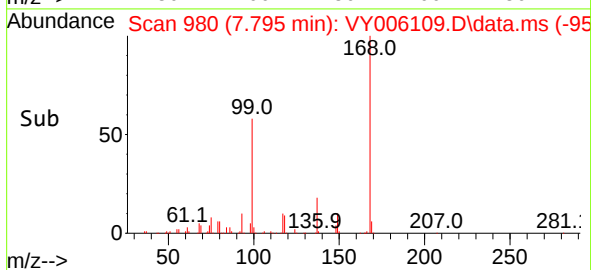
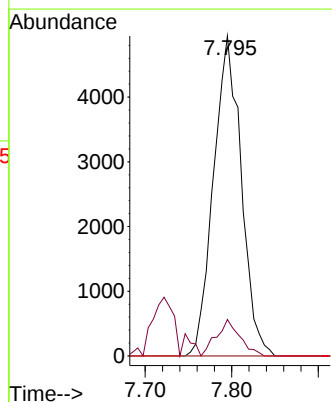
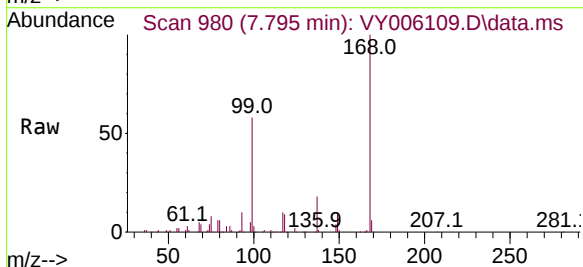
Instrument :
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ClientSampleId :
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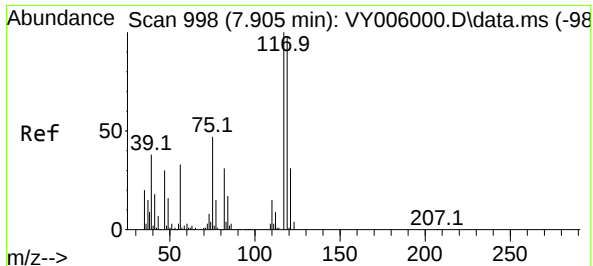
Tgt Ion:	113	Resp:	73427
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	21.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.298 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

Tgt Ion:	75	Resp:	10982
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.1	51.2#
77	0.0	24.4	36.6#

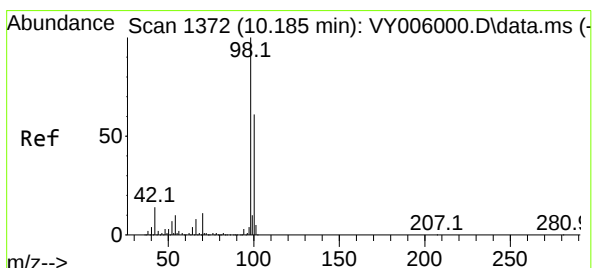
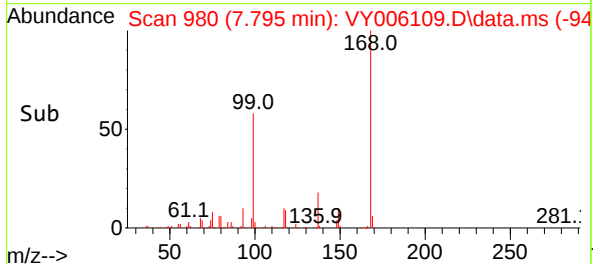
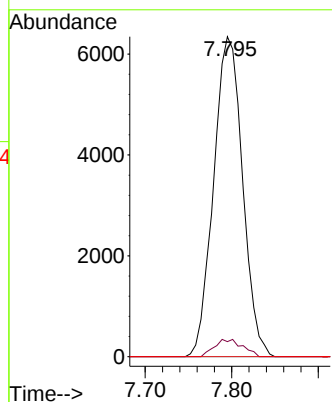
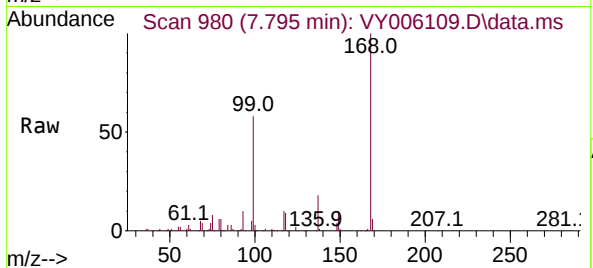




#38
Carbon Tetrachloride
Concen: 5.297 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

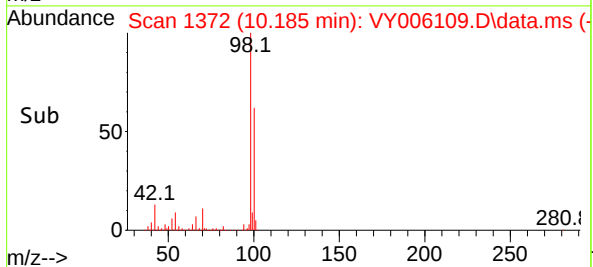
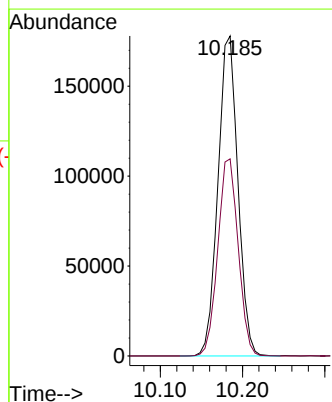
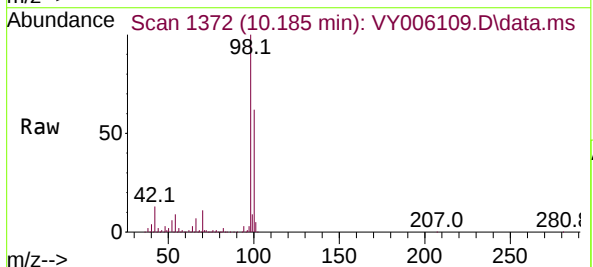
Instrument :
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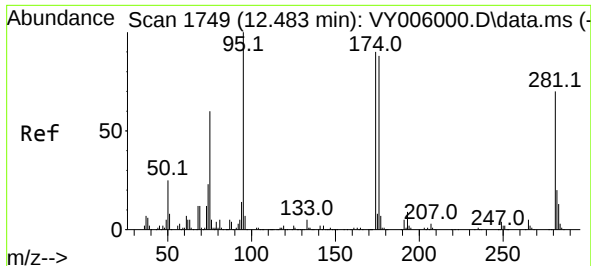
Tgt Ion:117 Resp: 14734
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.939 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

Tgt Ion: 98 Resp: 300436
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

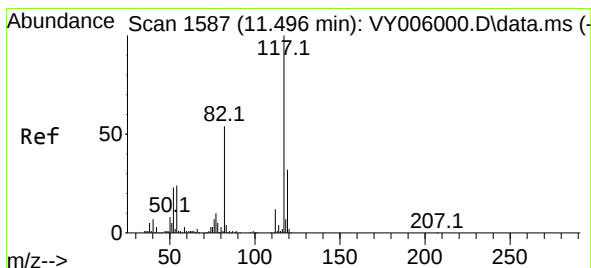
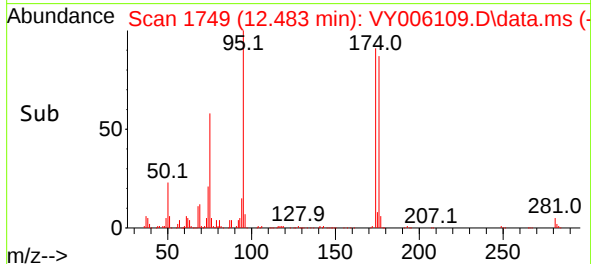
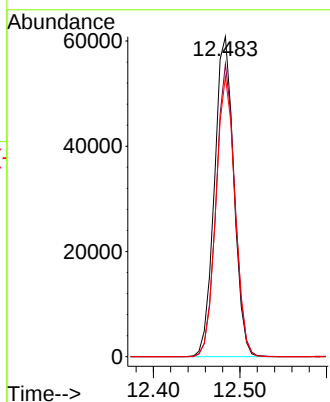
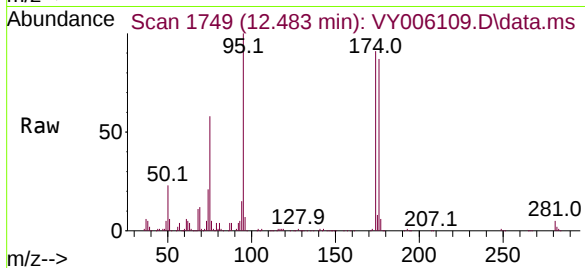




#62
4-Bromofluorobenzene
Concen: 44.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

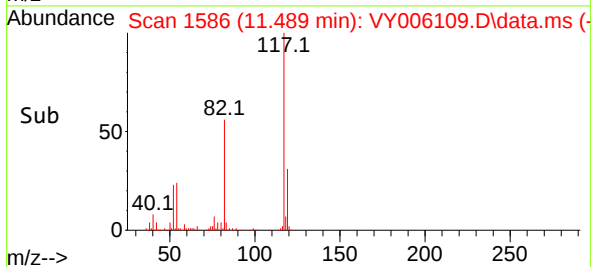
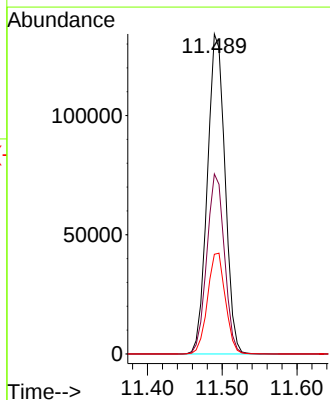
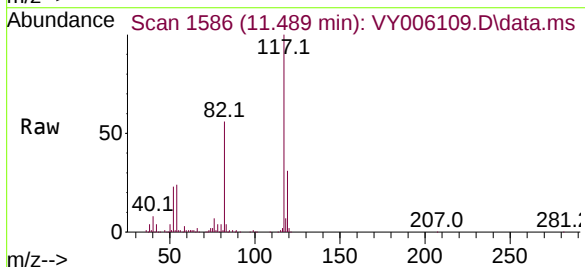
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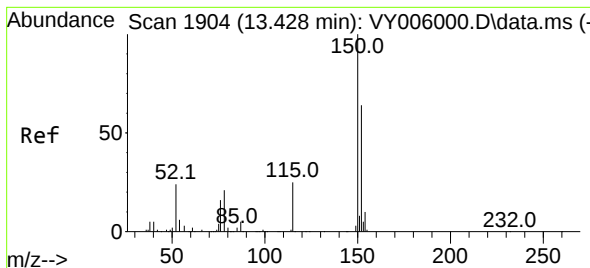
Tgt Ion: 95 Resp: 94280
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 86.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006109.D
Acq: 22 Sep 2021 17:24

Tgt Ion: 117 Resp: 220102
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 31.1 25.4 38.0

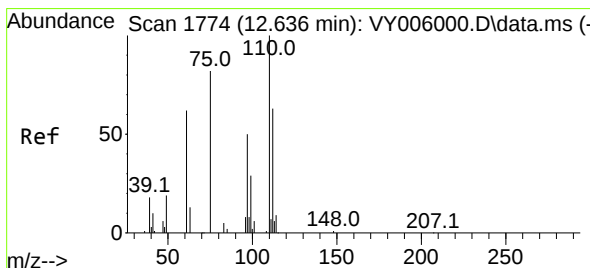
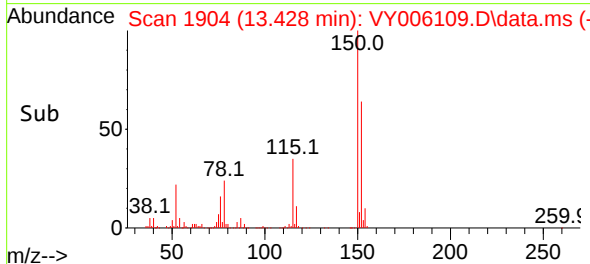
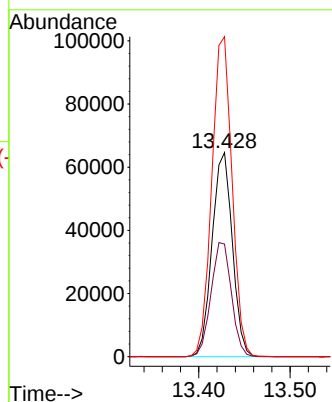
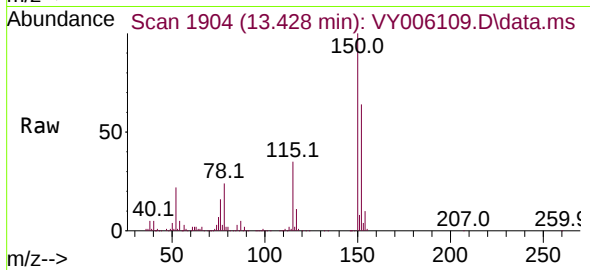




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006109.D
 Acq: 22 Sep 2021 17:24

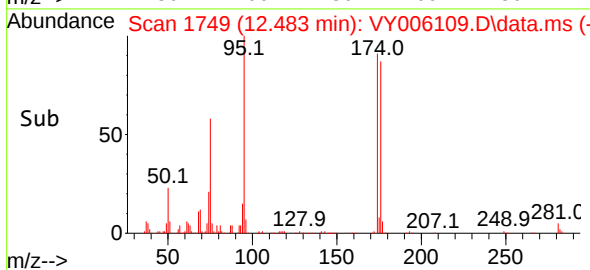
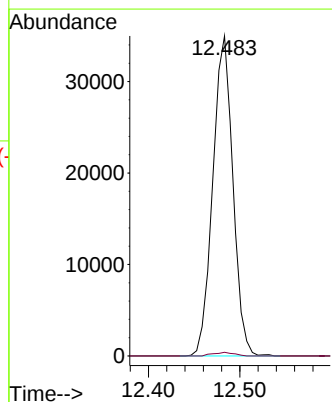
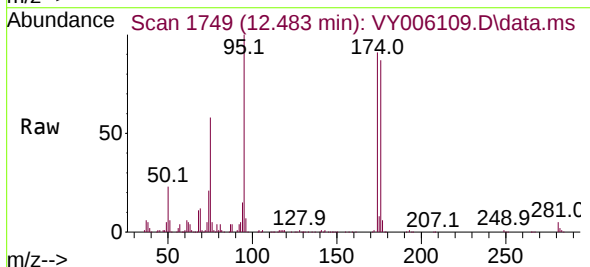
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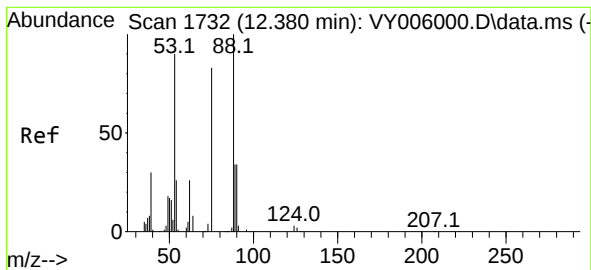
Tgt Ion:152 Resp: 99499
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.314 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006109.D
 Acq: 22 Sep 2021 17:24

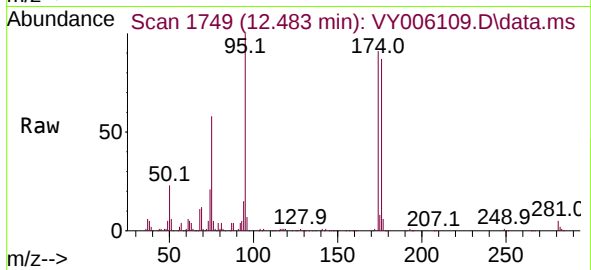
Tgt Ion: 75 Resp: 53376
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.504 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006109.D
 Acq: 22 Sep 2021 17:24

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

