

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006110.D
 Acq On : 22 Sep 2021 17:48
 Operator : SY/MD
 Sample : M3886-02
 Misc : 6.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Sep 23 01:28:02 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)

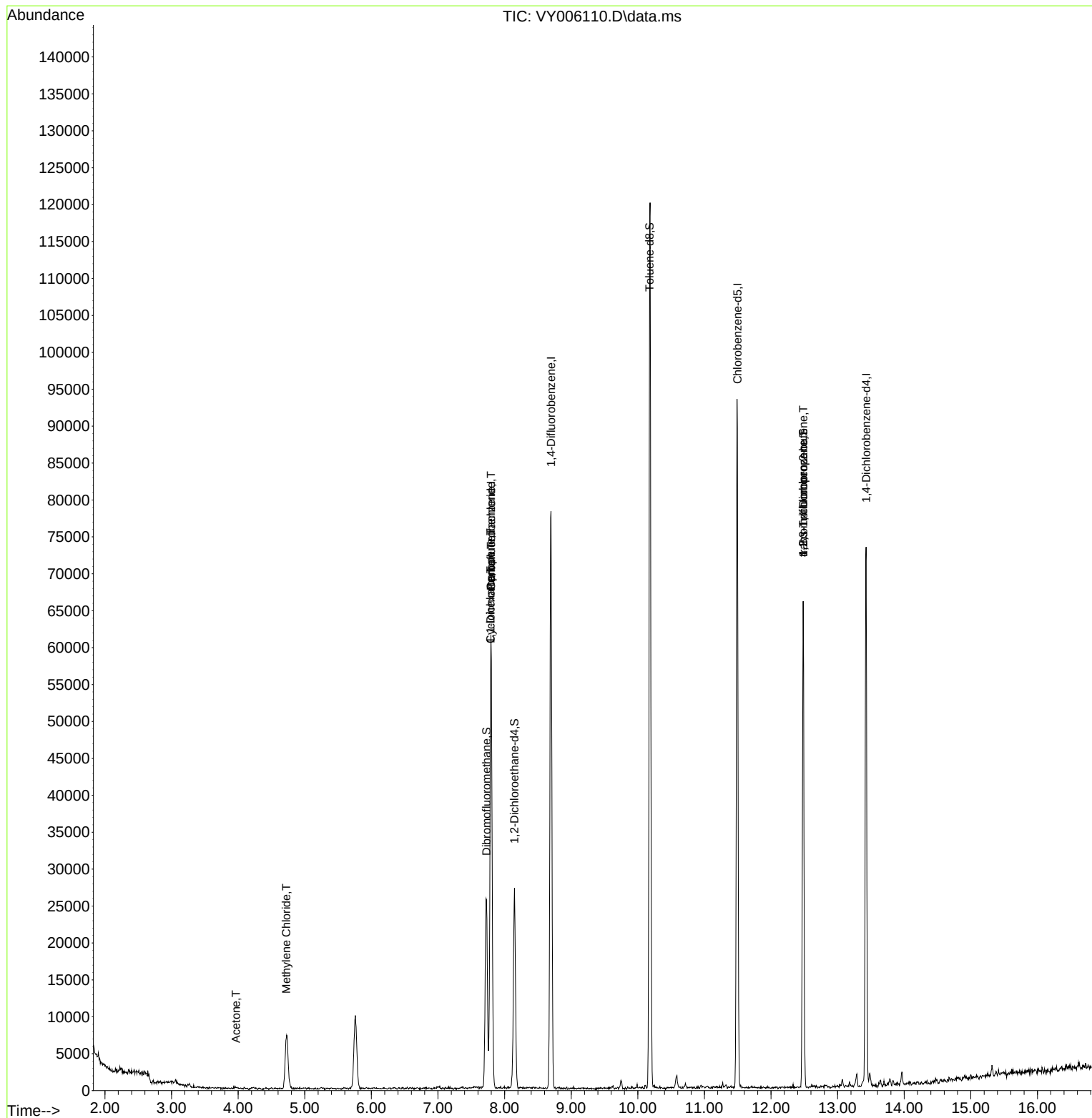
Internal Standards						
1) Pentafluorobenzene	7.795	168	46756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	64186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	48887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21488	33.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.180%
35) Dibromofluoromethane	7.728	113	17521	43.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.900%
50) Toluene-d8	10.179	98	78110	45.970	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.940%
62) 4-Bromofluorobenzene	12.483	95	17930	31.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.160%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	403	2.262	ug/l #	75
20) Methylene Chloride	4.722	84	5090	4.972	ug/l	88
31) Cyclohexane	7.789	56	1075	1.033	ug/l #	52
36) 1,1-Dichloropropene	7.789	75	3771	5.443	ug/l #	48
38) Carbon Tetrachloride	7.795	117	4412	5.850	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	9991	50.875	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9991	93.535	ug/l #	7

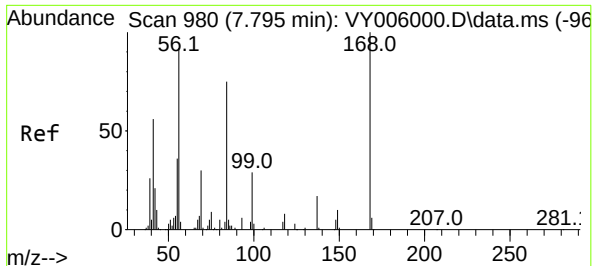
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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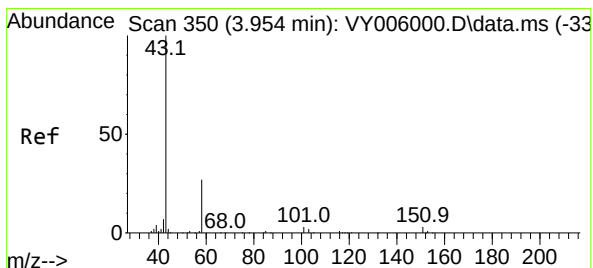
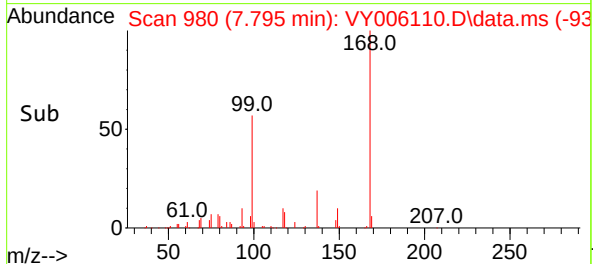
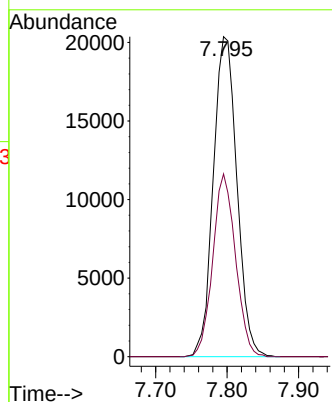
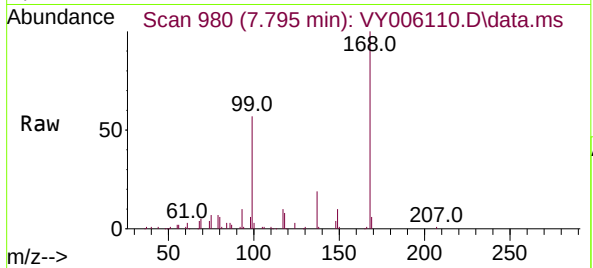




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

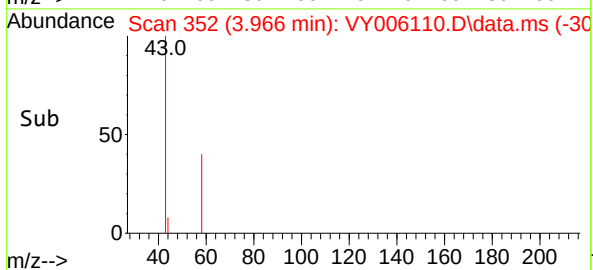
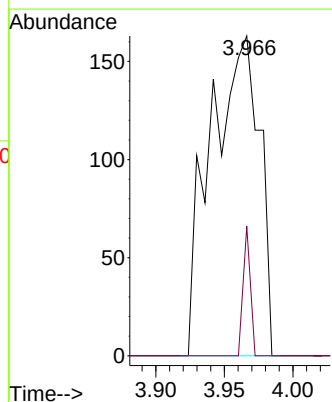
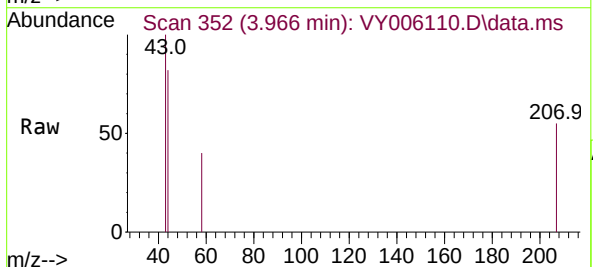
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

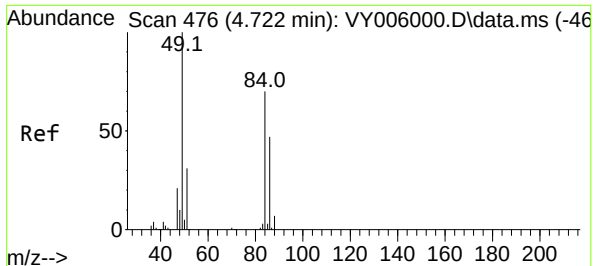
Tgt Ion:168 Resp: 46756
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#16
Acetone
Concen: 2.262 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 40.5 22.0 33.0#

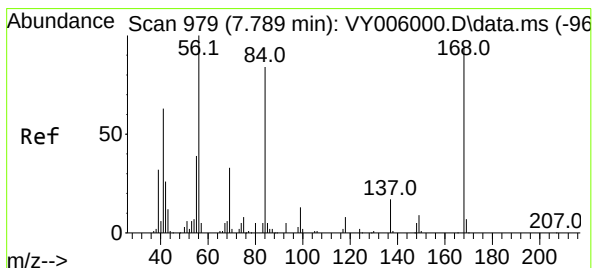
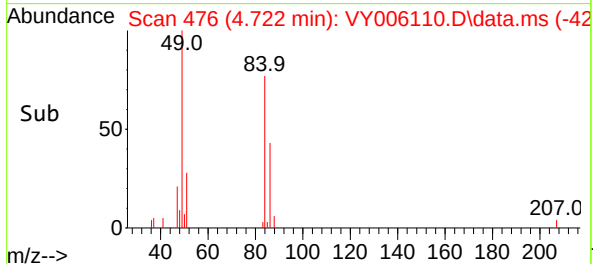
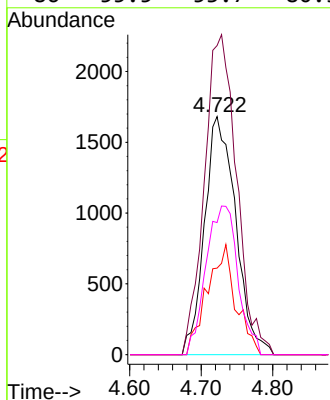
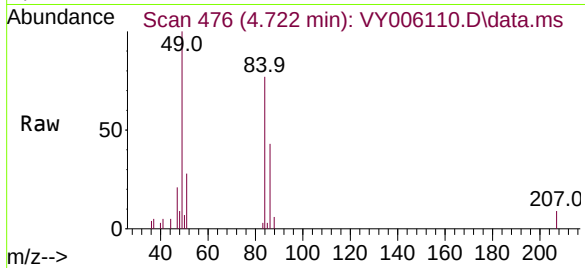




#20
Methylene Chloride
Concen: 4.972 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

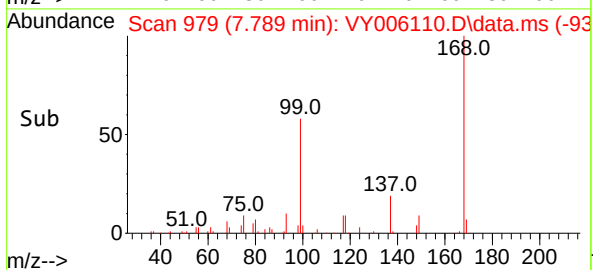
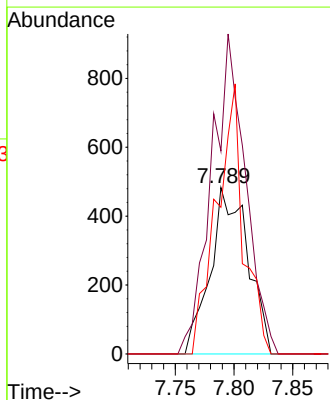
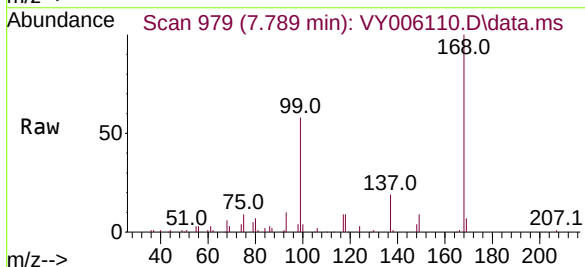
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

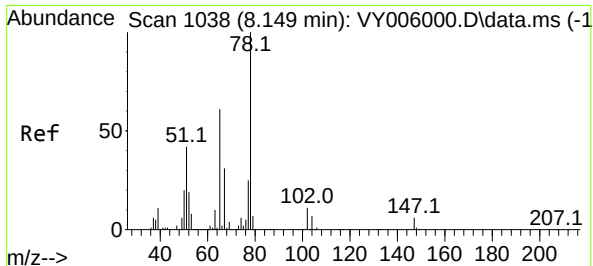
Tgt Ion:	84	Resp:	5090
Ion	Ratio	Lower	Upper
84	100		
49	129.9	114.4	171.6
51	36.3	35.3	52.9
86	55.5	53.7	80.5



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

Tgt Ion:	56	Resp:	1075
Ion	Ratio	Lower	Upper
56	100		
69	121.9	26.7	40.1#
84	88.2	67.2	100.8

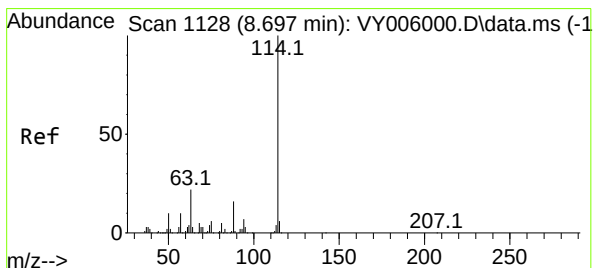
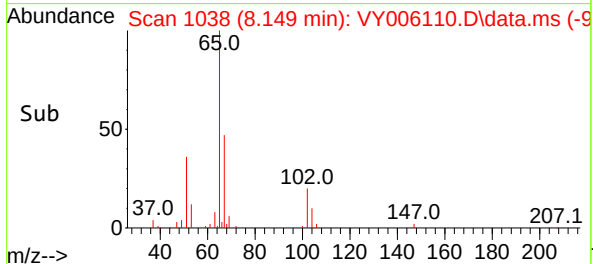
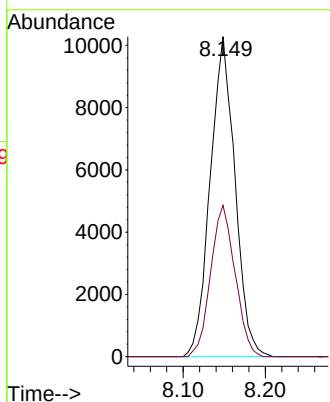
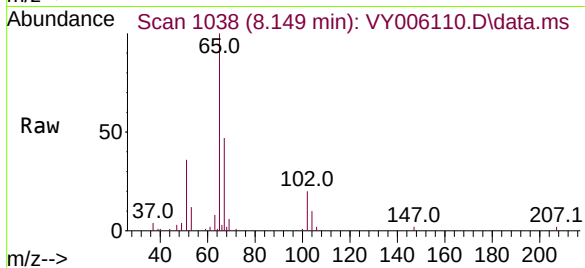




#33
 1,2-Dichloroethane-d4
 Concen: 33.086 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006110.D
 Acq: 22 Sep 2021 17:48

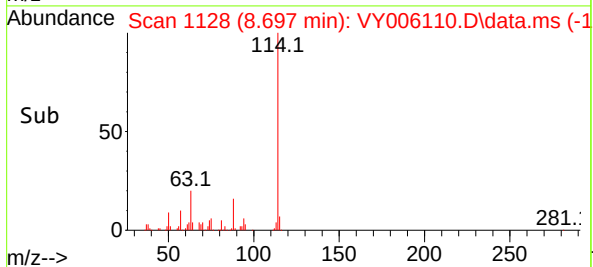
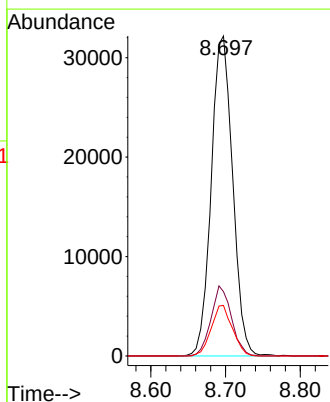
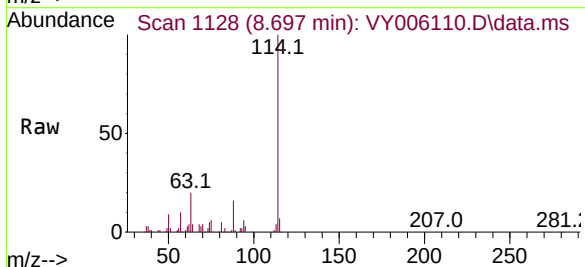
Instrument :
 MSVOA_Y
 ClientSampleId :
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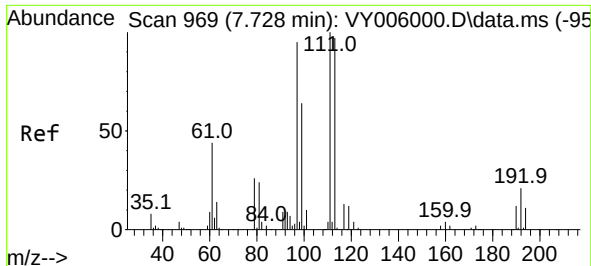
Tgt Ion: 65 Resp: 21488
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006110.D
 Acq: 22 Sep 2021 17:48

Tgt Ion: 114 Resp: 64186
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 15.8 0.0 31.8

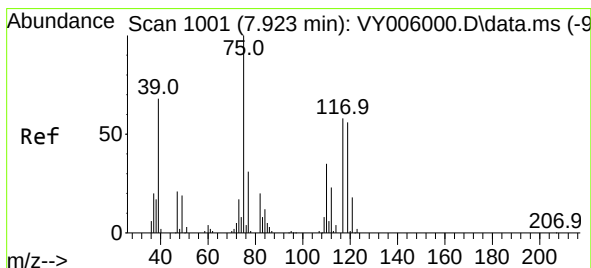
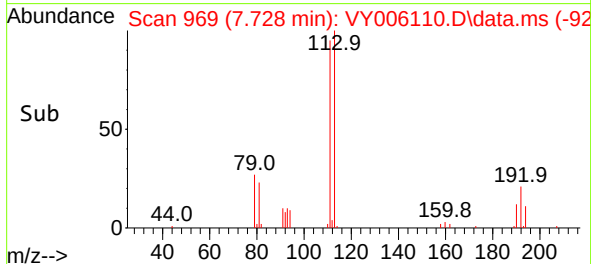
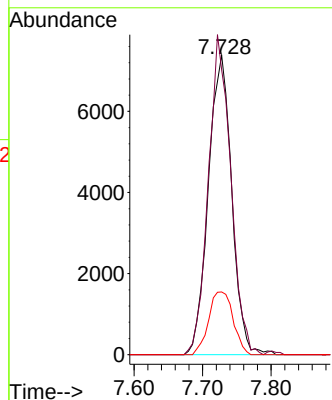
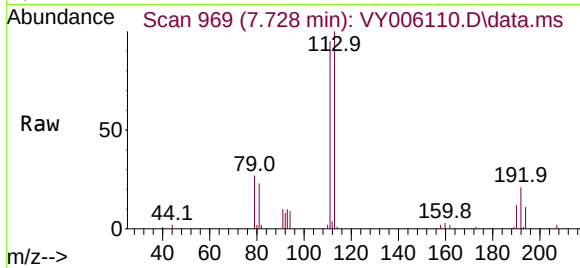




#35
Dibromofluoromethane
Concen: 43.949 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

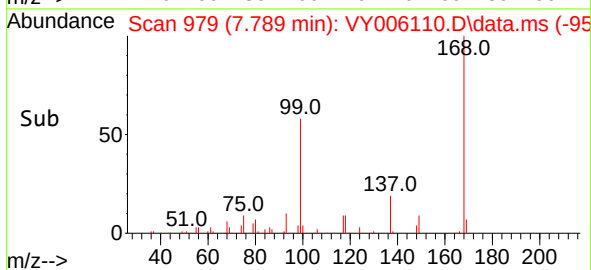
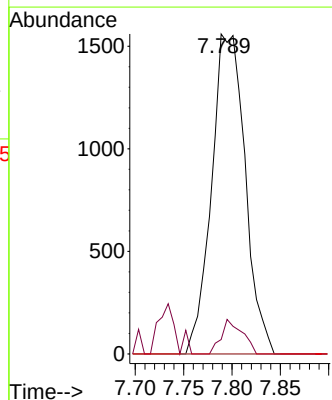
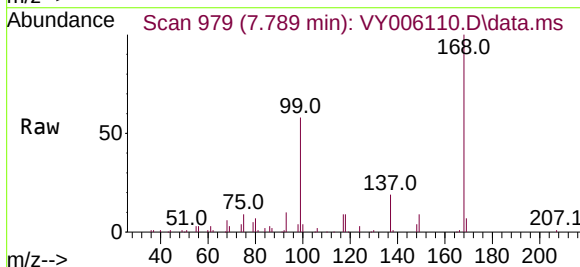
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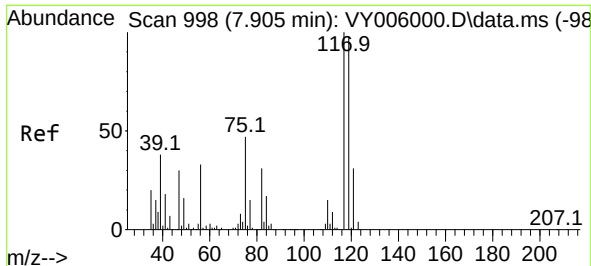
Tgt Ion:	113	Resp:	17521
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	21.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.443 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

Tgt Ion:	75	Resp:	3771
Ion	Ratio	Lower	Upper
75	100		
110	6.7	17.1	51.2#
77	0.0	24.4	36.6#

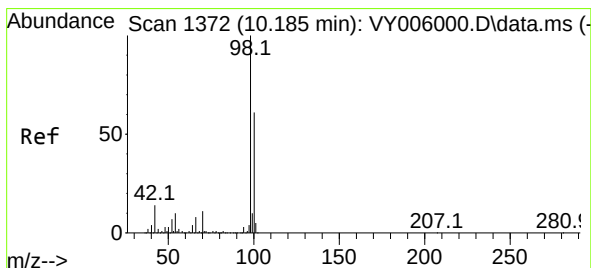
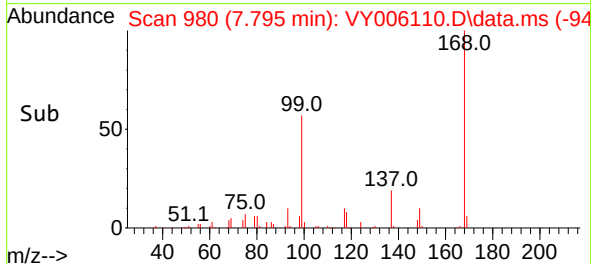
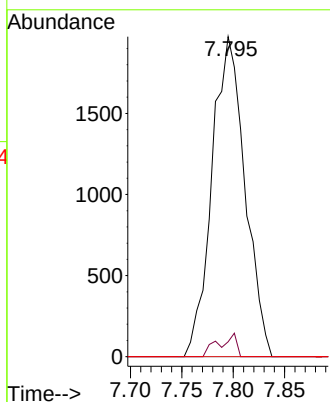
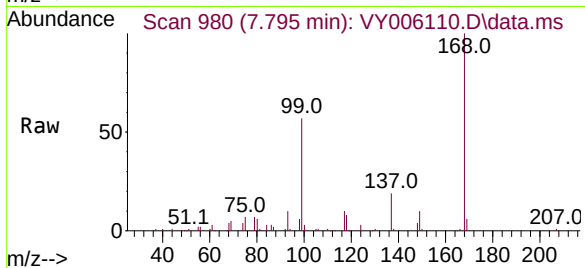




#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

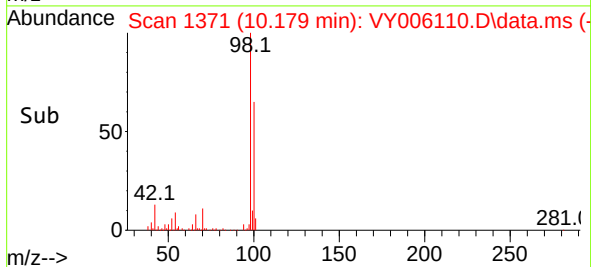
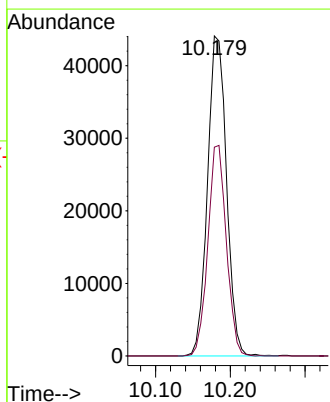
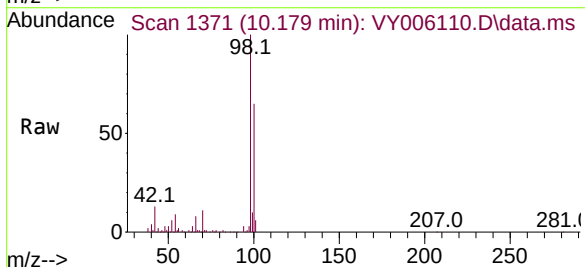
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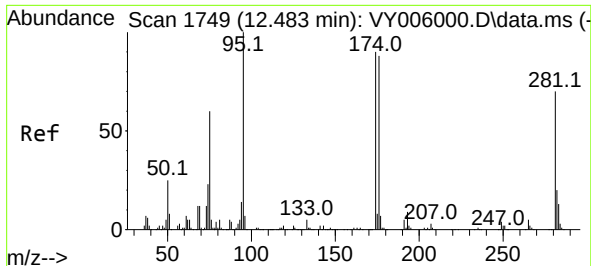
Tgt Ion:117 Resp: 4412
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.970 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

Tgt Ion: 98 Resp: 78110
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

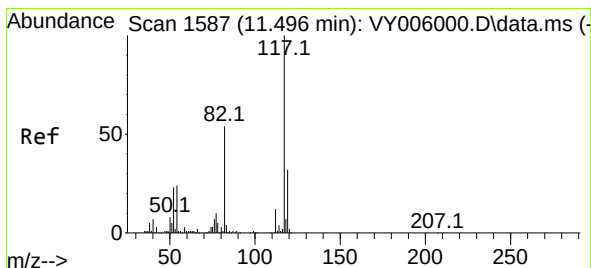
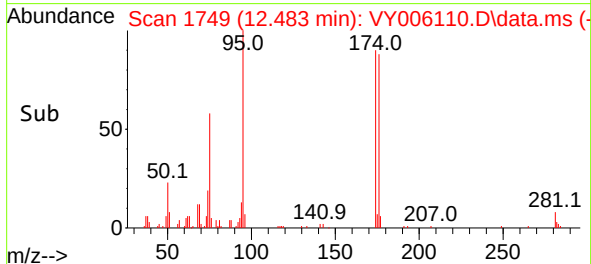
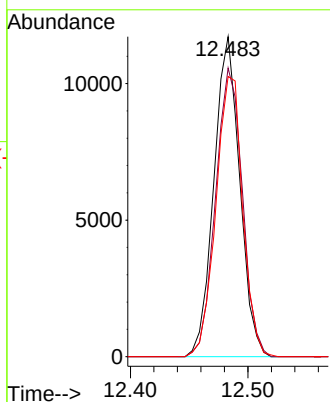
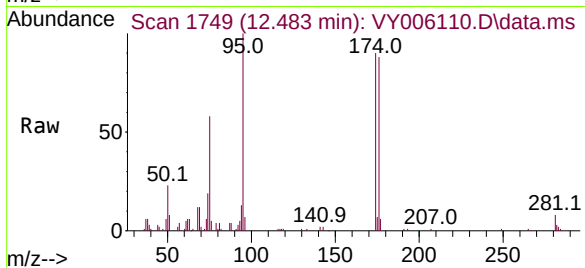




#62
4-Bromofluorobenzene
Concen: 31.080 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

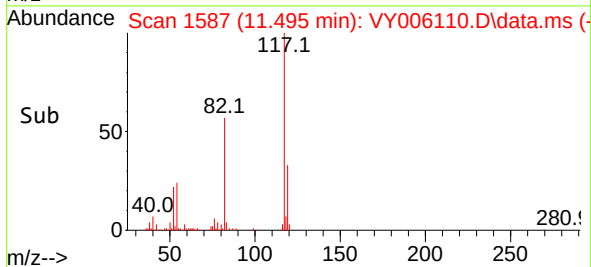
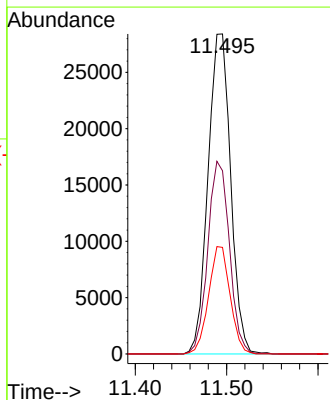
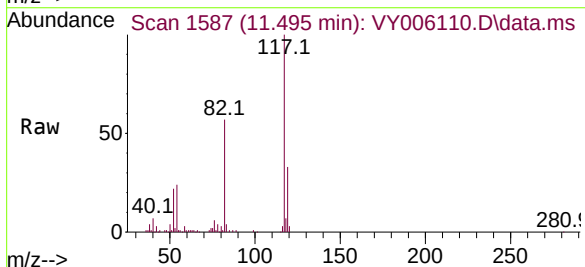
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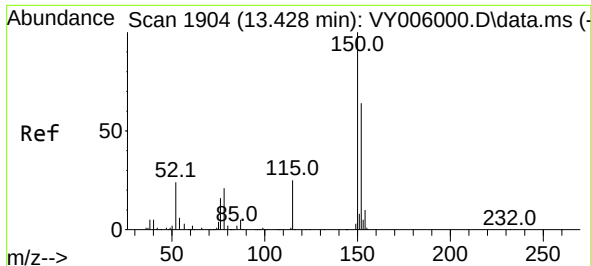
Tgt Ion: 95 Resp: 17930
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 90.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006110.D
Acq: 22 Sep 2021 17:48

Tgt Ion: 117 Resp: 48887
Ion Ratio Lower Upper
117 100
82 57.3 43.0 64.4
119 33.3 25.4 38.0

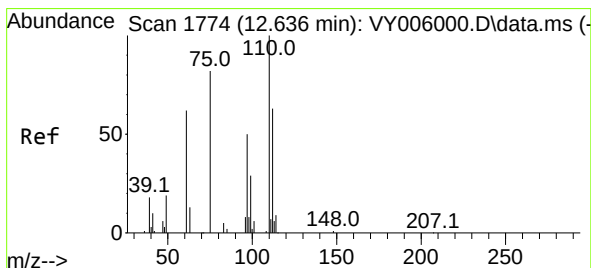
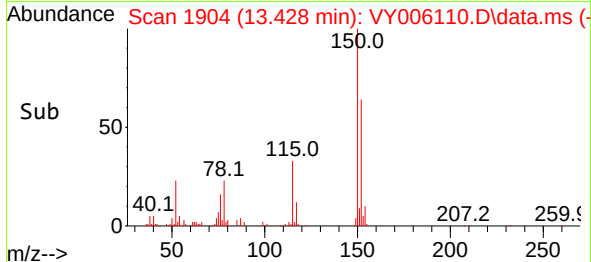
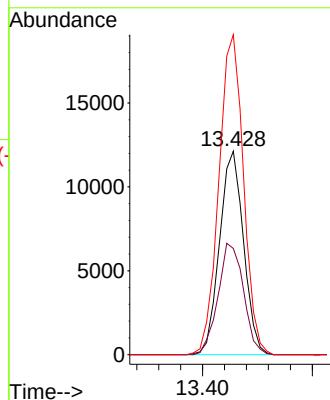
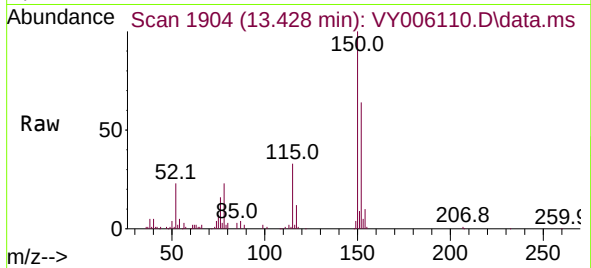




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006110.D
 Acq: 22 Sep 2021 17:48

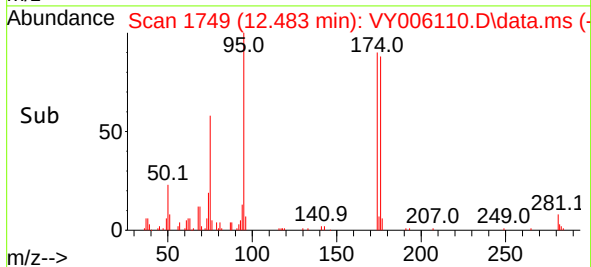
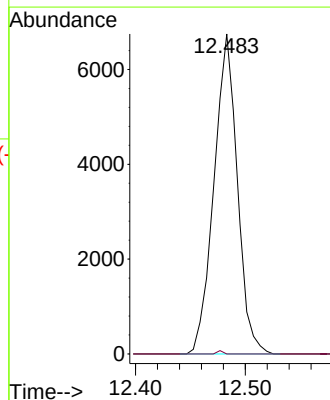
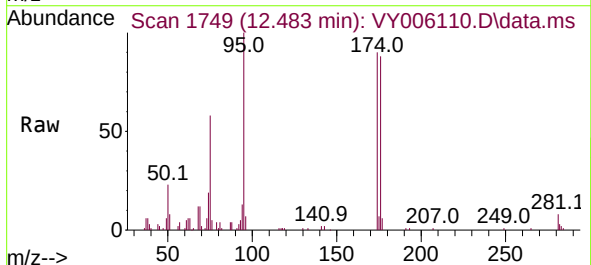
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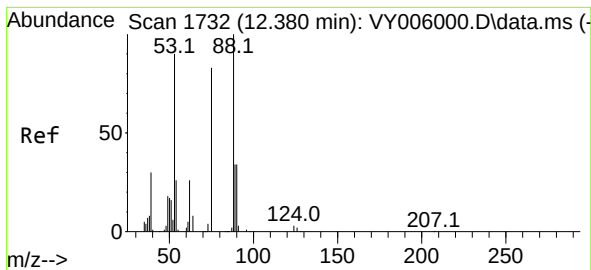
Tgt Ion:152 Resp: 18419
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 161.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.875 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006110.D
 Acq: 22 Sep 2021 17:48

Tgt Ion: 75 Resp: 9991
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.535 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006110.D
 Acq: 22 Sep 2021 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Tgt Ion: 75 Resp: 9991
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

