

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006208.D
 Acq On : 29 Sep 2021 13:23
 Operator : SY/MD
 Sample : M3938-06
 Misc : 6.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUB-SLAB-08(12-14)

Quant Time: Sep 30 07:00:17 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)

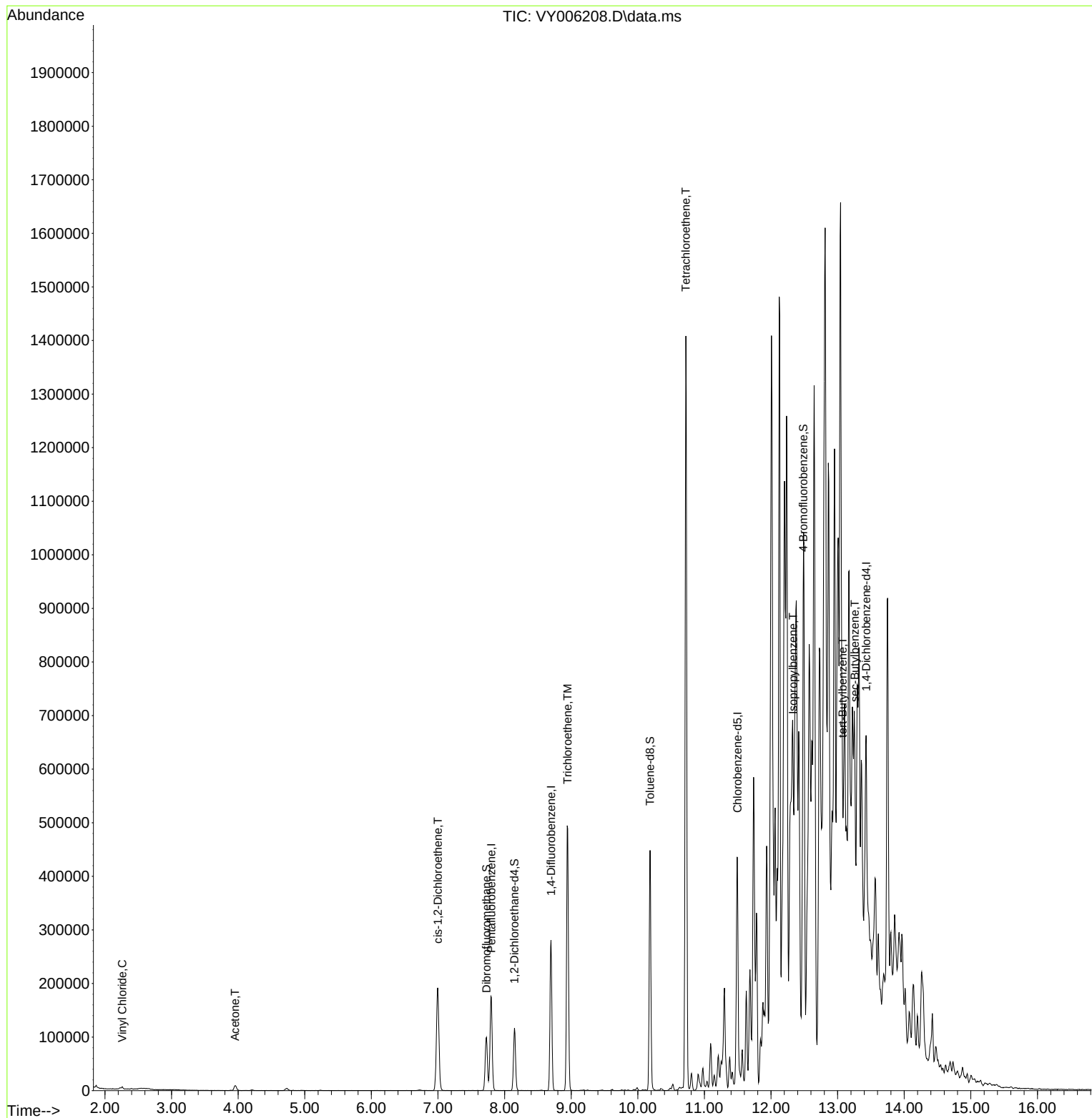
Internal Standards						
1) Pentafluorobenzene	7.801	168	138912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	229022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92572	62.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.520%	
35) Dibromofluoromethane	7.728	113	68049	55.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.240%	
50) Toluene-d8	10.185	98	283942	55.448	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.900%	
62) 4-Bromofluorobenzene	12.483	95	129178	74.256	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 148.520%#	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	3497	1.923	ug/l #	87
16) Acetone	3.954	43	16454	39.624	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	113649	70.351	ug/l	86
44) Trichloroethene	8.947	130	169372	101.441	ug/l	96
64) Tetrachloroethene	10.721	164	301850	173.574	ug/l	98
73) Isopropylbenzene	12.331	105	20913	2.673	ug/l	100
83) tert-Butylbenzene	13.075	119	19579	3.500	ug/l	89
85) sec-Butylbenzene	13.258	105	69697	8.245	ug/l	78

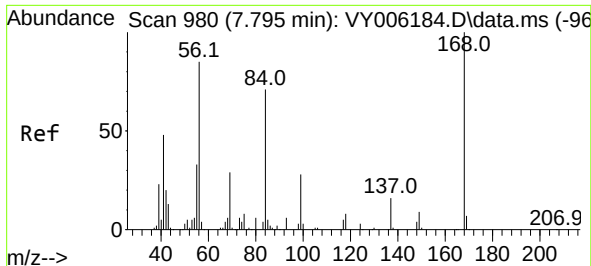
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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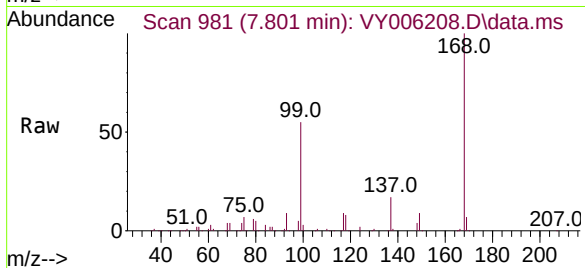
Quant Time: Sep 30 07:00:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
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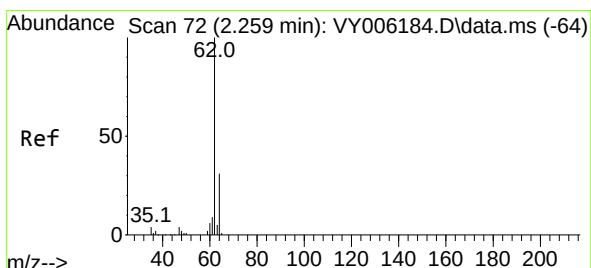
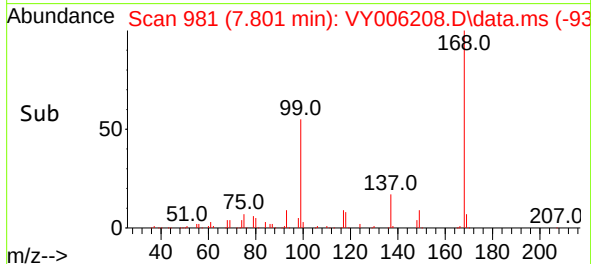
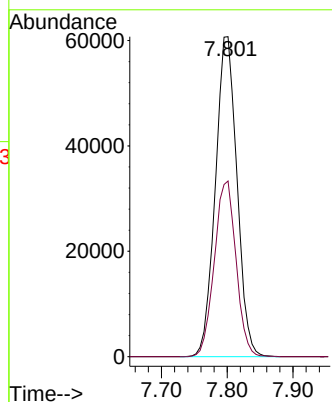


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(12-14)

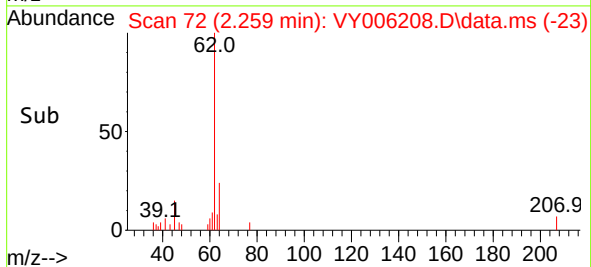
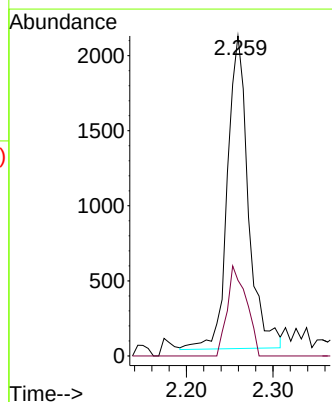
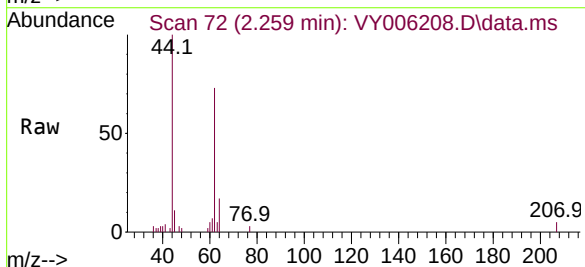


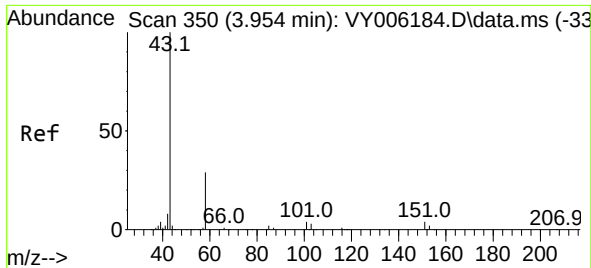
Tgt Ion:168 Resp: 138912
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#4
Vinyl Chloride
Concen: 1.923 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Tgt Ion: 62 Resp: 3497
Ion Ratio Lower Upper
62 100
64 24.3 25.0 37.6#

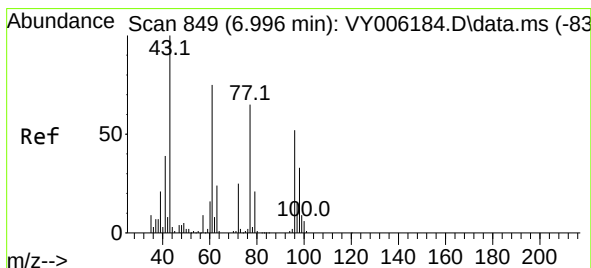
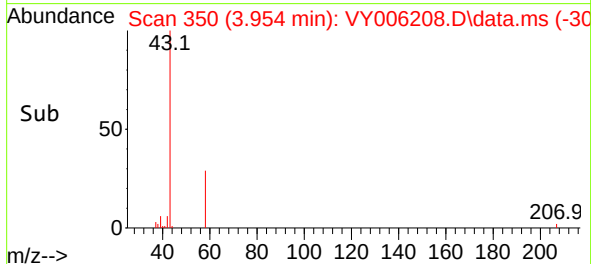
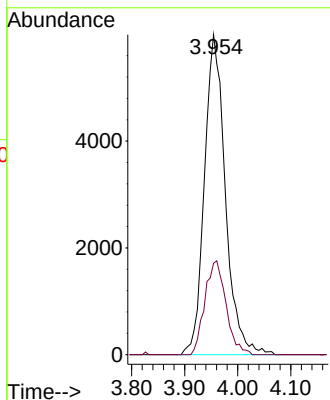
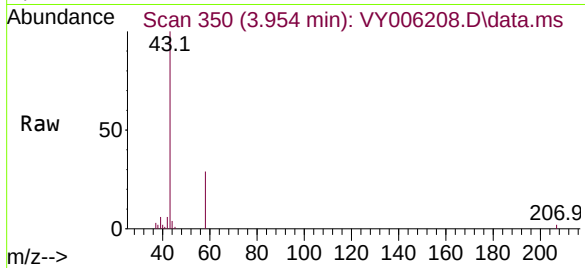




#16
Acetone
Concen: 39.624 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

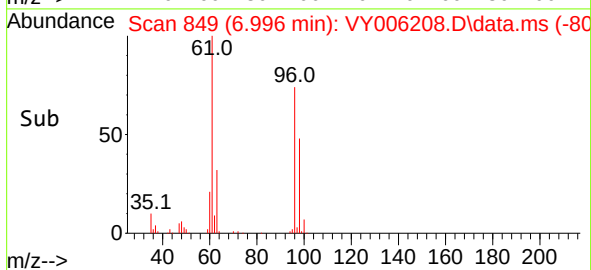
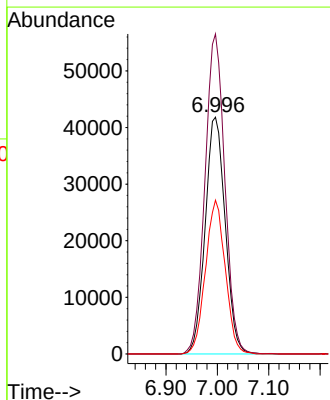
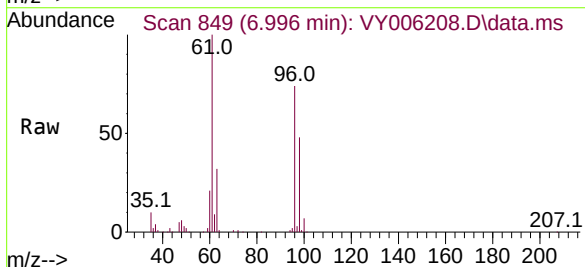
Instrument :
MSVOA_Y
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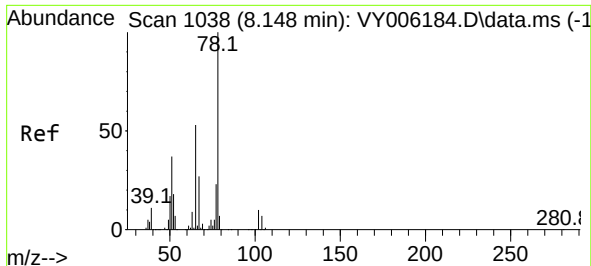
Tgt Ion: 43 Resp: 16454
Ion Ratio Lower Upper
43 100
58 28.5 22.0 33.0



#27
cis-1,2-Dichloroethene
Concen: 70.351 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Tgt Ion: 96 Resp: 113649
Ion Ratio Lower Upper
96 100
61 133.6 0.0 319.8
98 64.0 0.0 127.0

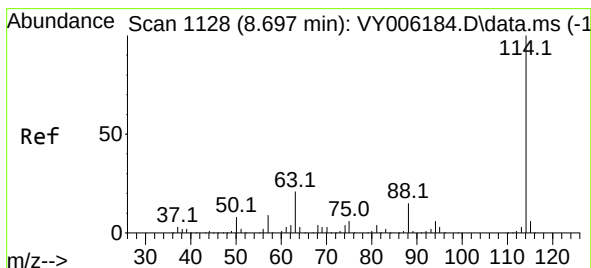
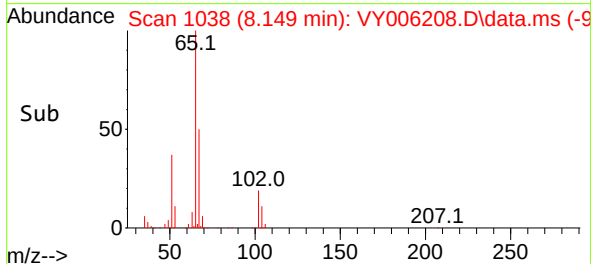
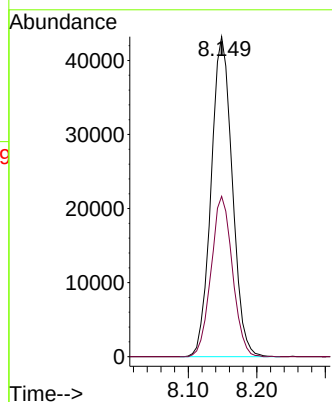
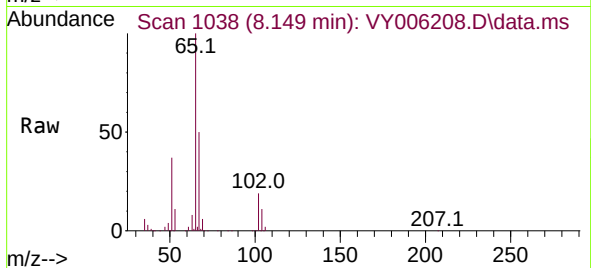




#33
1,2-Dichloroethane-d4
Concen: 62.264 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

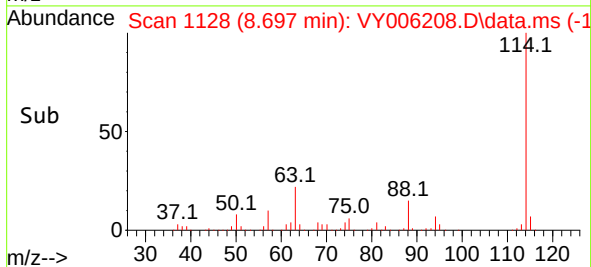
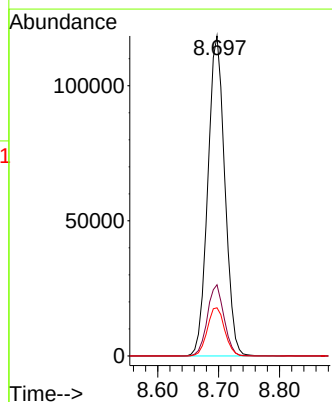
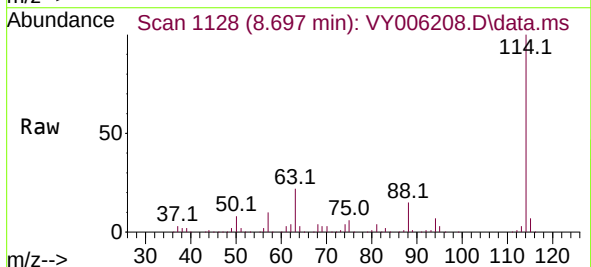
Instrument :
MSVOA_Y
ClientSampleId :
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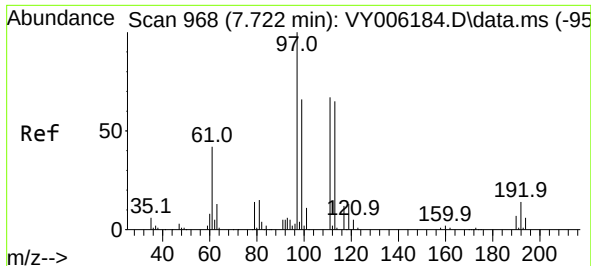
Tgt Ion: 65 Resp: 92572
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Tgt Ion: 114 Resp: 229022
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 15.1 0.0 31.8

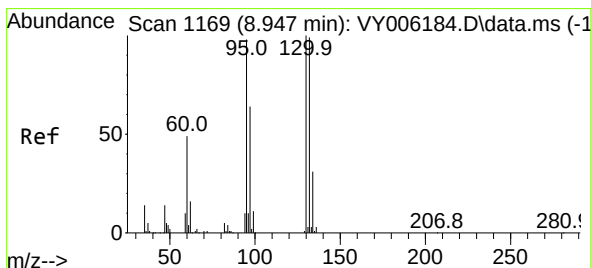
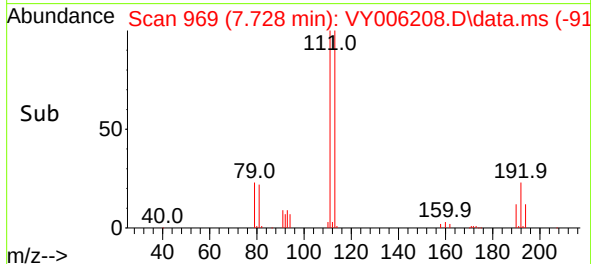
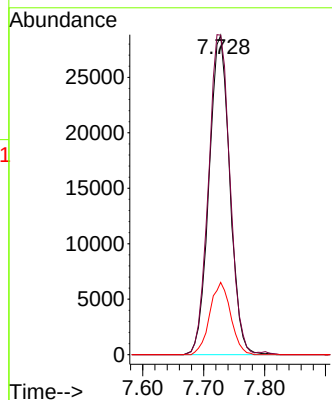
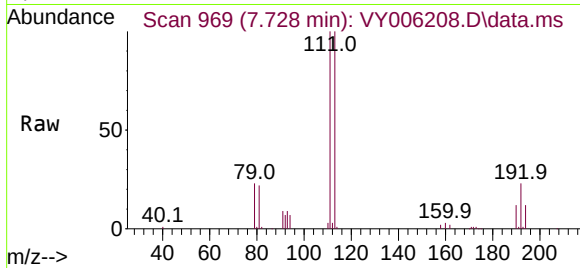




#35
Dibromofluoromethane
Concen: 55.615 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

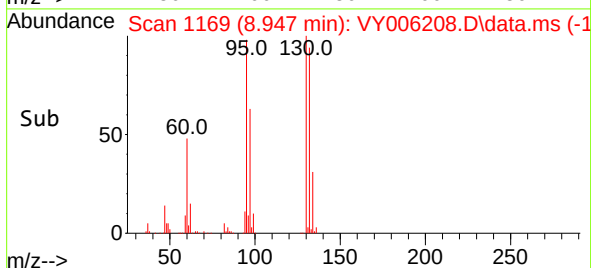
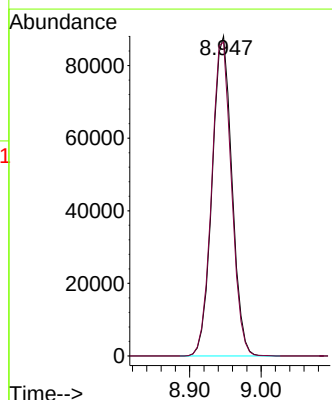
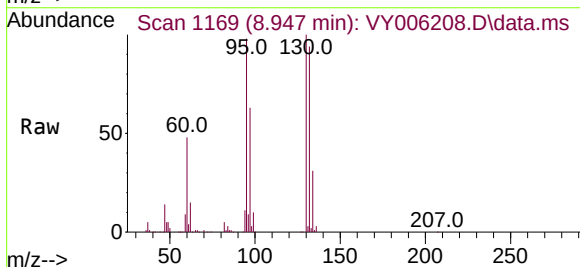
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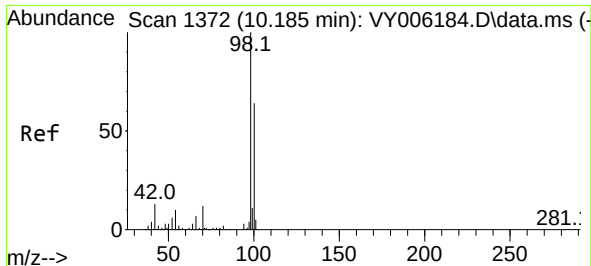
Tgt Ion:113 Resp: 68049
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 22.8 17.6 26.4



#44
Trichloroethene
Concen: 101.441 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Tgt Ion:130 Resp: 169372
Ion Ratio Lower Upper
130 100
95 98.1 0.0 188.2

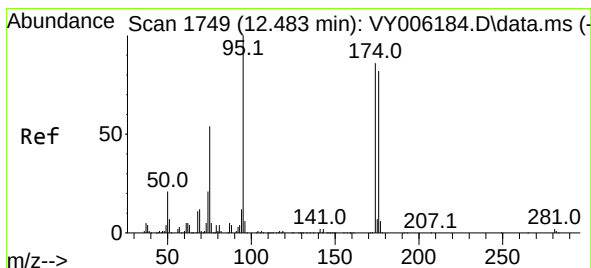
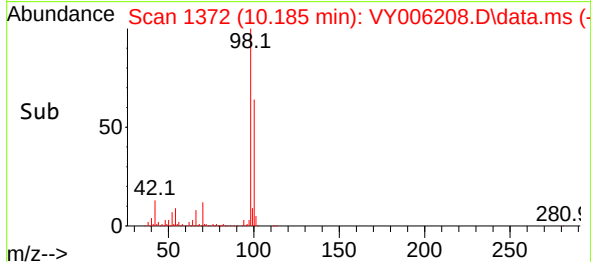
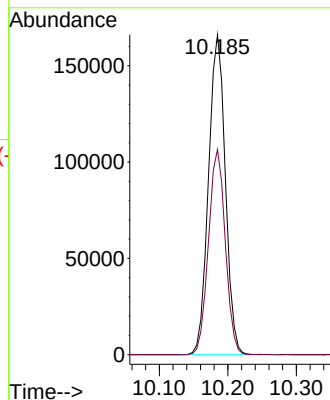
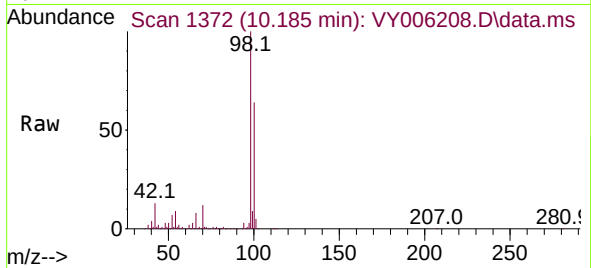




#50
Toluene-d8
Concen: 55.448 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

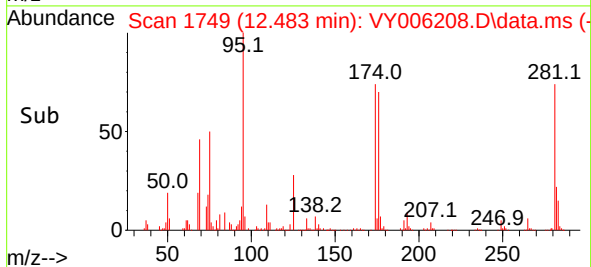
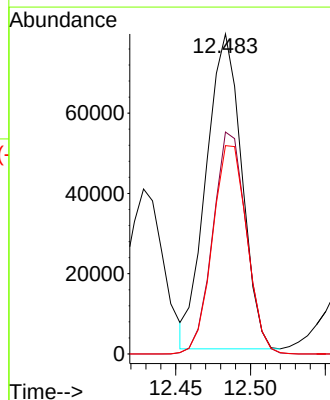
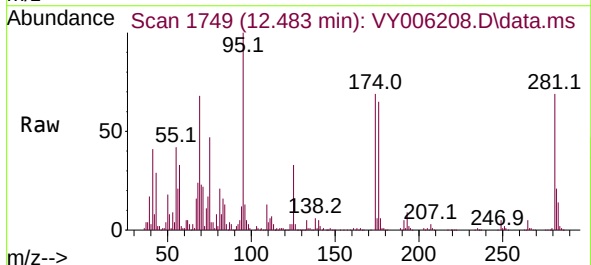
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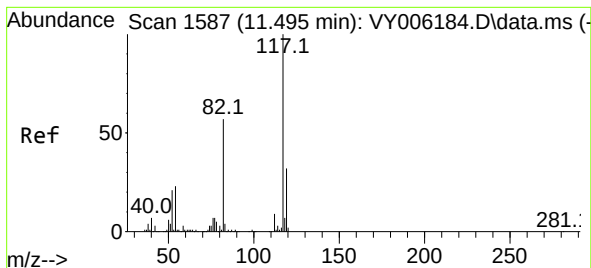
Tgt Ion: 98 Resp: 283942
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 74.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Tgt Ion: 95 Resp: 129178
Ion Ratio Lower Upper
95 100
174 66.6 0.0 177.0
176 64.6 0.0 175.8

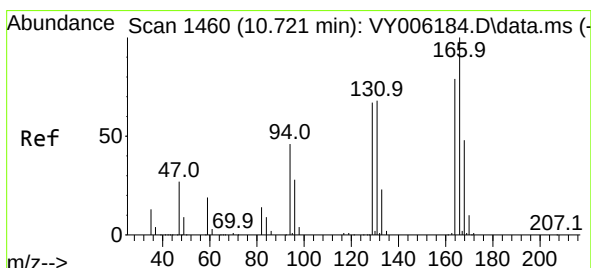
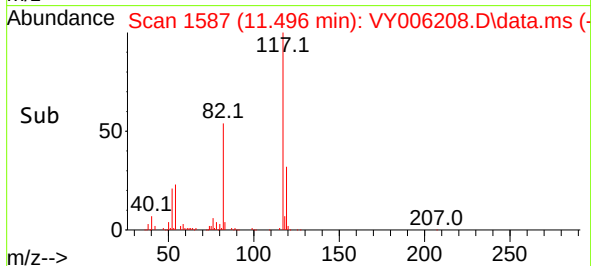
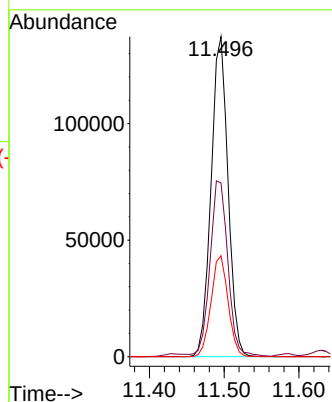
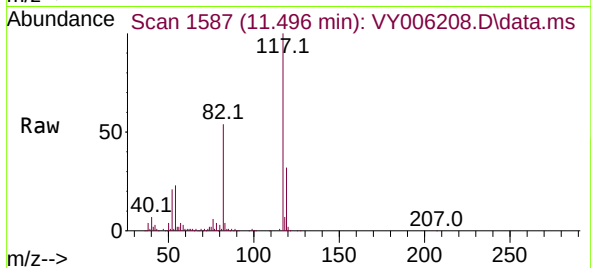




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

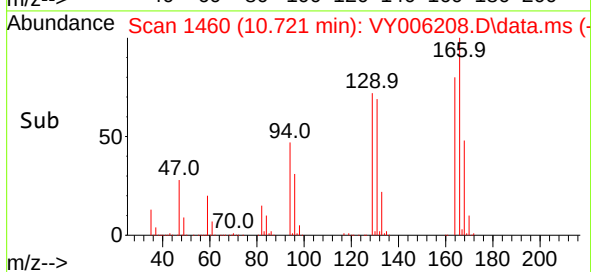
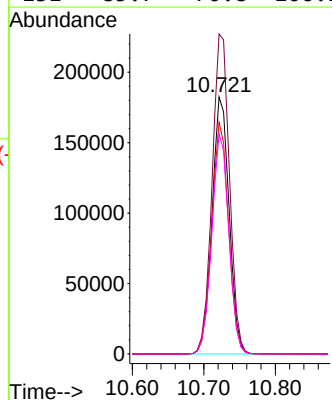
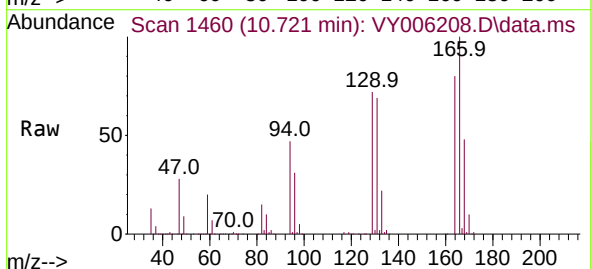
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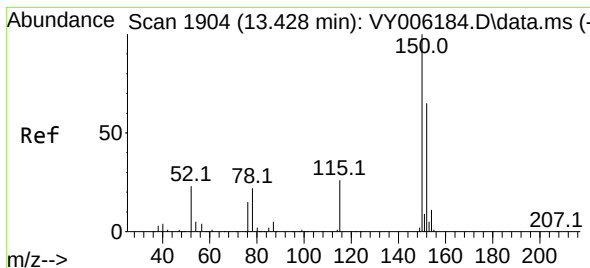
Tgt Ion:	117	Resp:	215933
Ion Ratio	Lower	Upper	
117	100		
82	53.7	43.0	64.4
119	31.6	25.4	38.0



#64
Tetrachloroethene
Concen: 173.574 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Tgt Ion:	164	Resp:	301850
Ion Ratio	Lower	Upper	
164	100		
166	124.5	100.4	150.6
129	90.2	71.4	107.0
131	85.7	70.8	106.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY006208.D

Acq: 29 Sep 2021 13:23

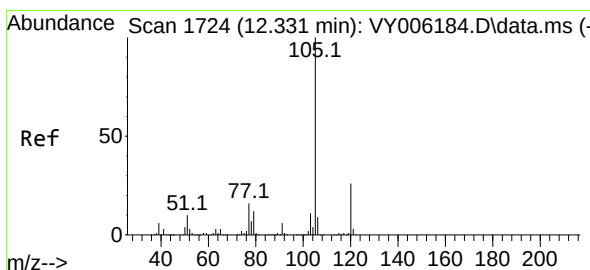
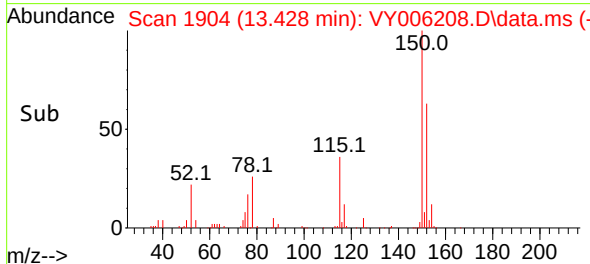
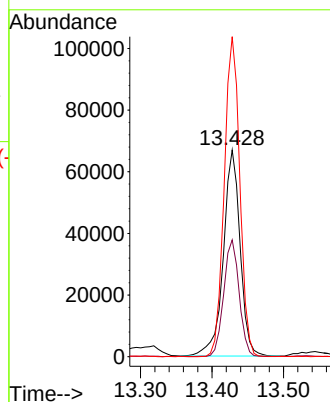
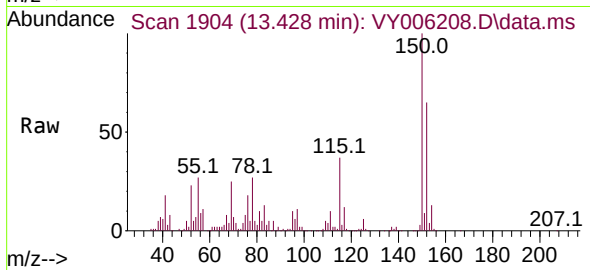
Tgt Ion:152 Resp: 109231

Ion Ratio Lower Upper

152 100

115 52.2 28.2 84.7

150 143.5 0.0 347.6



#73

Isopropylbenzene

Concen: 2.673 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006208.D

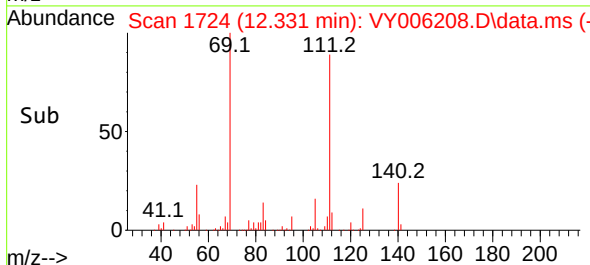
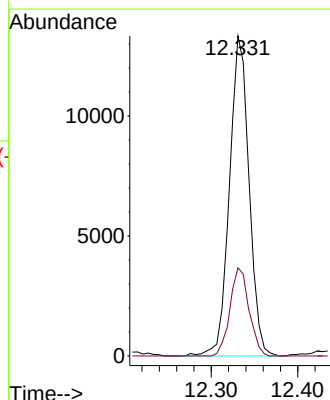
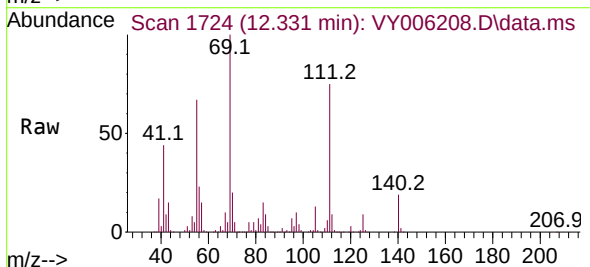
Acq: 29 Sep 2021 13:23

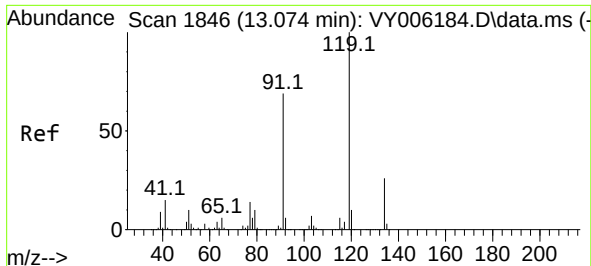
Tgt Ion:105 Resp: 20913

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2

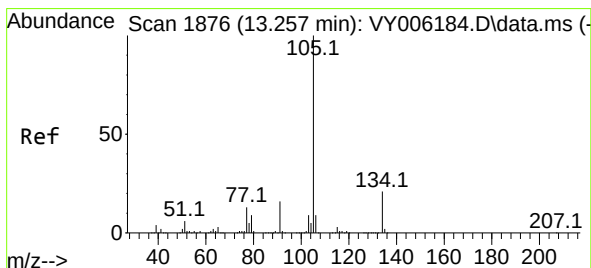
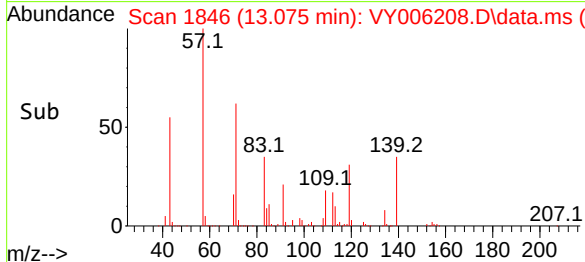
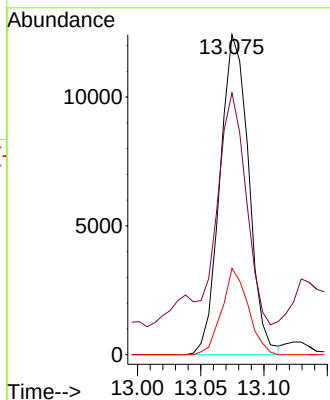
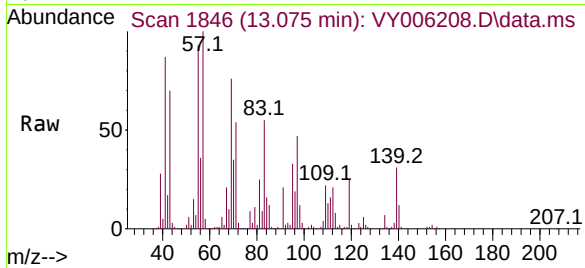




#83
tert-Butylbenzene
Concen: 3.500 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(12-14)

Tgt Ion:119 Resp: 19579
Ion Ratio Lower Upper
119 100
91 81.0 34.8 104.4
134 24.7 13.3 39.9



#85
sec-Butylbenzene
Concen: 8.245 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY006208.D
Acq: 29 Sep 2021 13:23

Tgt Ion:105 Resp: 69697
Ion Ratio Lower Upper
105 100
134 30.4 10.2 30.4

