

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006244.D
 Acq On : 30 Sep 2021 16:51
 Operator : SY/MD
 Sample : M3966-06
 Misc : 18.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-833-K2-SO-12-14-092721

Quant Time: Oct 01 06:28:10 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)

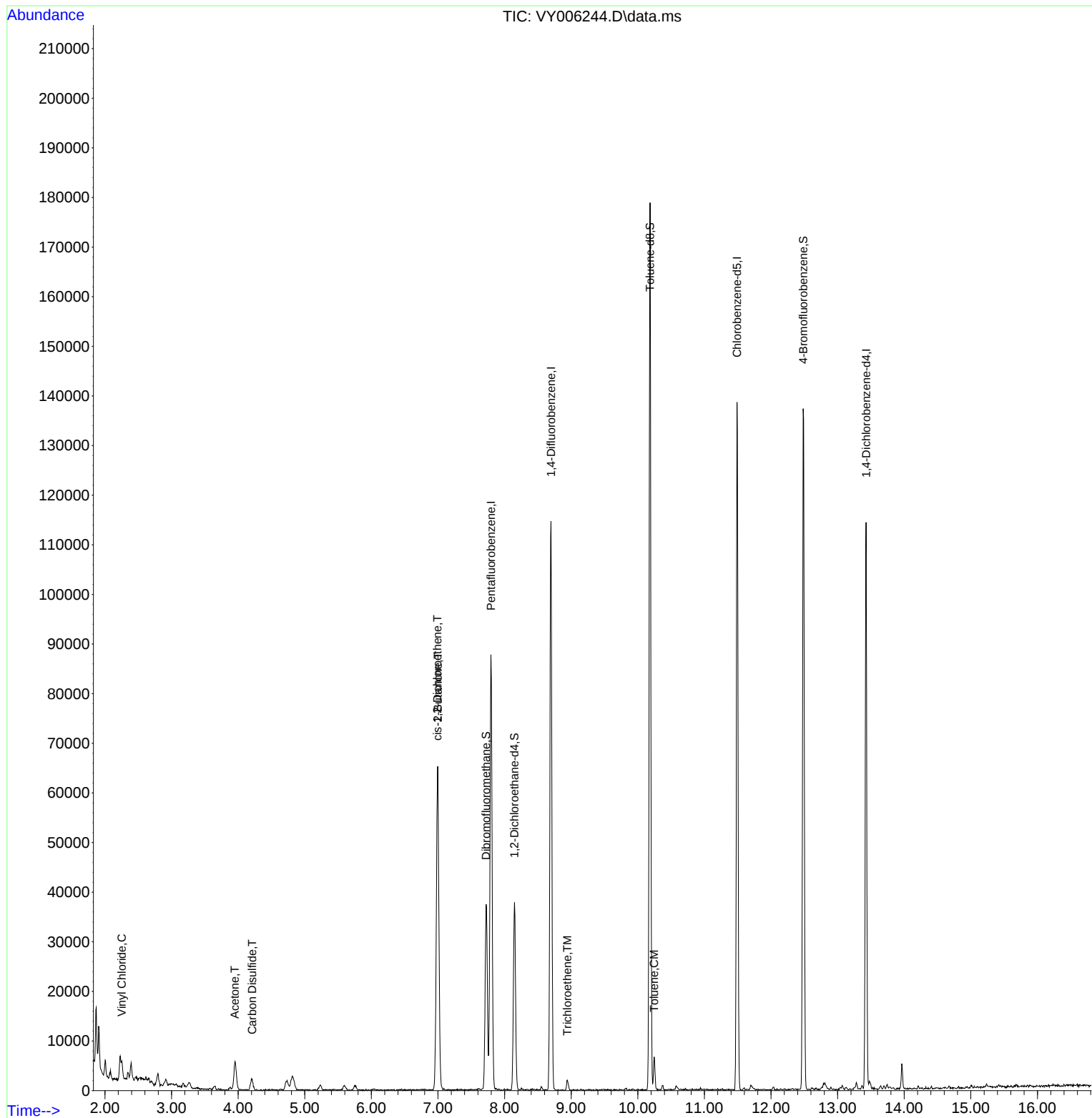
Internal Standards						
1) Pentafluorobenzene	7.795	168	68014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	93671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	74560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31191	42.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.700%
35) Dibromofluoromethane	7.722	113	25227	50.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.820%
50) Toluene-d8	10.185	98	114183	54.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.040%
62) 4-Bromofluorobenzene	12.483	95	27733	38.977	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.960%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	1567	1.760	ug/l	89
16) Acetone	3.948	43	10033	49.347	ug/l	99
17) Carbon Disulfide	4.210	76	4325	2.030	ug/l	96
25) 2-Butanone	6.996	43	3174	11.207	ug/l #	58
27) cis-1,2-Dichloroethene	6.990	96	38216	48.316	ug/l	83
44) Trichloroethene	8.941	130	782	1.145	ug/l	77
52) Toluene	10.246	92	2773	1.691	ug/l	91

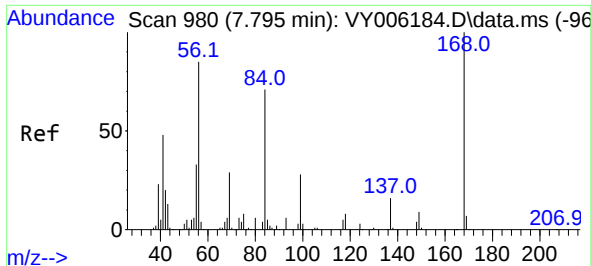
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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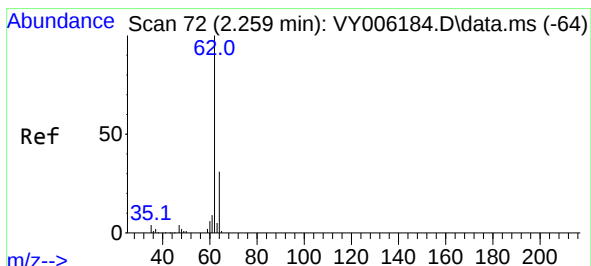
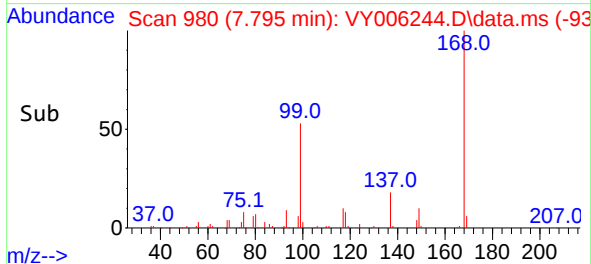
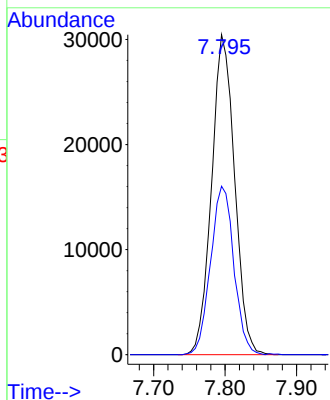
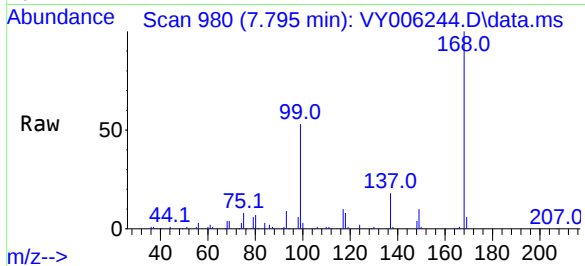




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

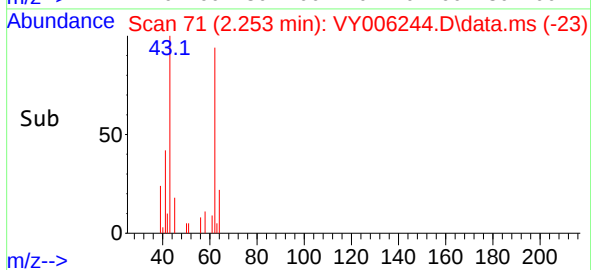
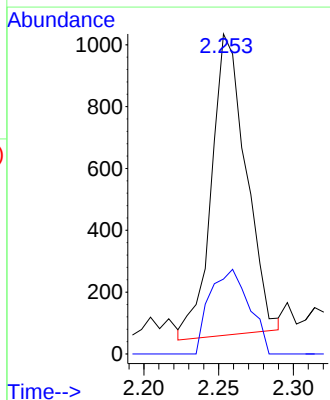
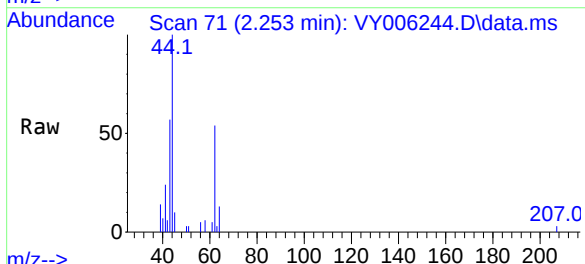
Instrument :
MSVOA_Y
ClientSampleId :
S-833-K2-SO-12-14-092721

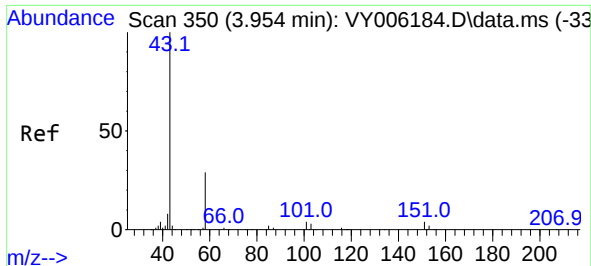
Tgt Ion:168 Resp: 68014
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#4
Vinyl Chloride
Concen: 1.760 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion: 62 Resp: 1567
Ion Ratio Lower Upper
62 100
64 25.3 25.0 37.6

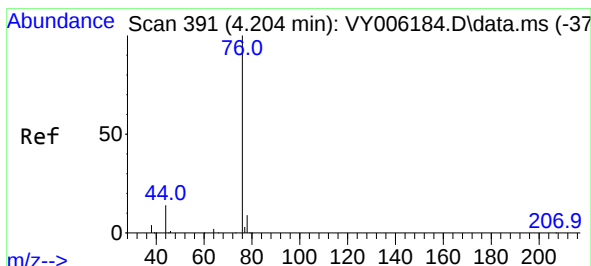
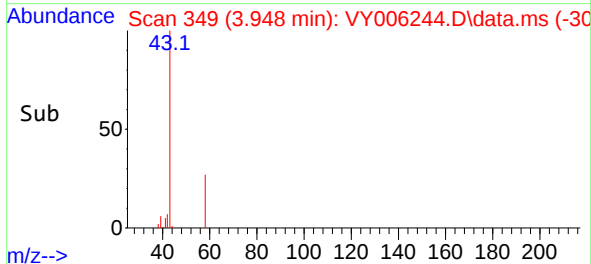
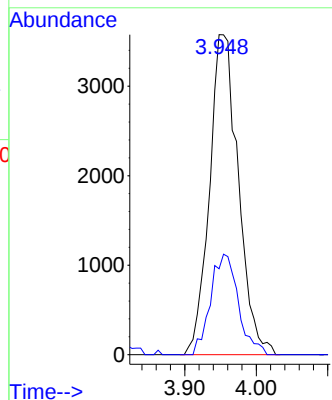
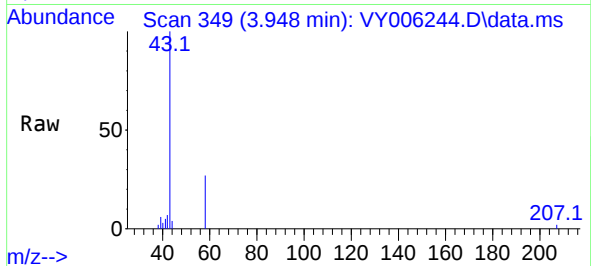




#16
Acetone
Concen: 49.347 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

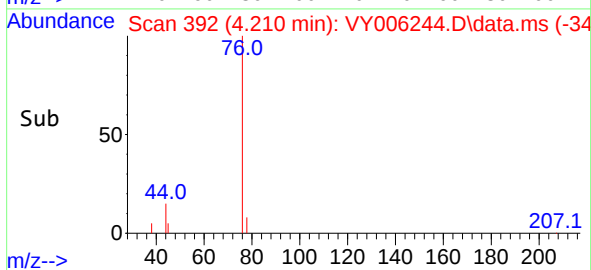
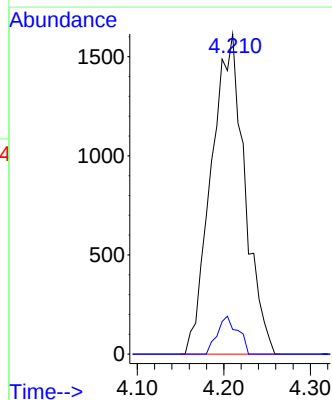
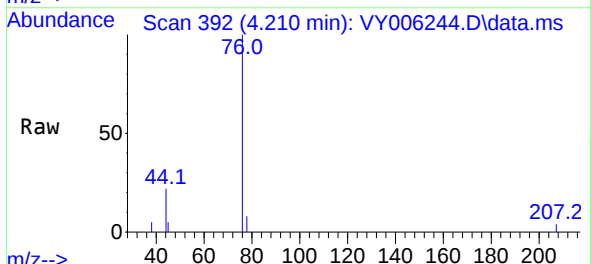
Instrument :
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ClientSampleId :
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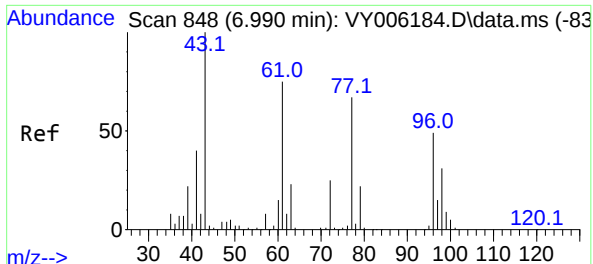
Tgt Ion: 43 Resp: 10033
Ion Ratio Lower Upper
43 100
58 26.9 22.0 33.0



#17
Carbon Disulfide
Concen: 2.030 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion: 76 Resp: 4325
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0





#25

2-Butanone

Concen: 11.207 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006244.D

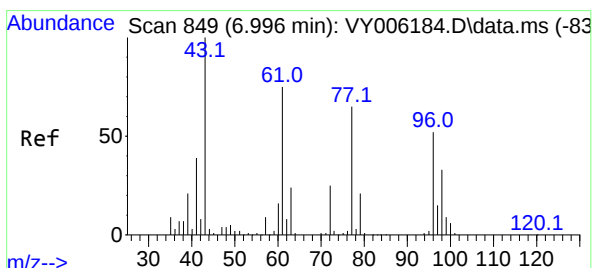
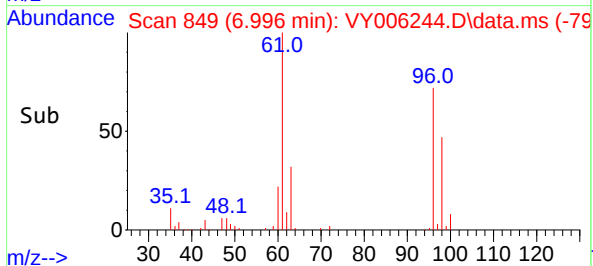
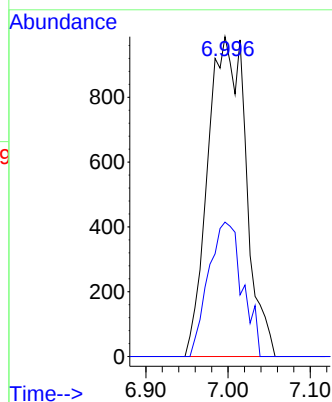
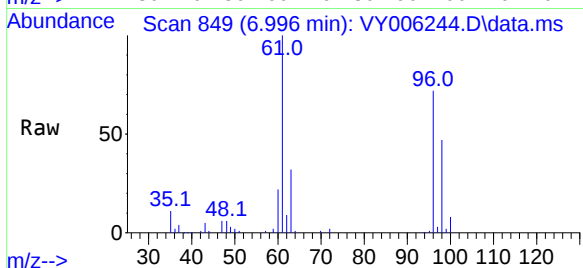
Acq: 30 Sep 2021 16:51

Tgt Ion: 43 Resp: 3174

Ion Ratio Lower Upper

43 100

72 42.0 17.7 26.5#



#27

cis-1,2-Dichloroethene

Concen: 48.316 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006244.D

Acq: 30 Sep 2021 16:51

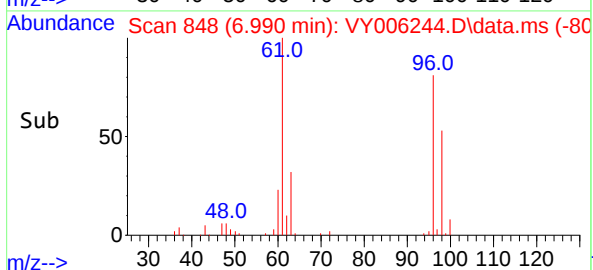
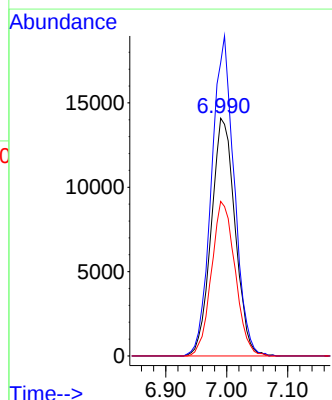
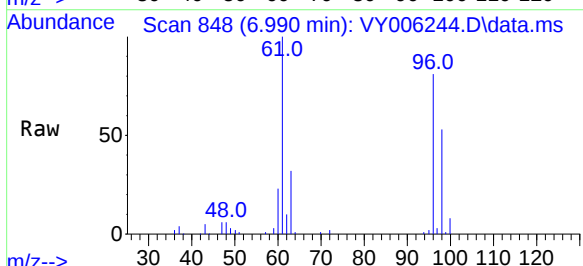
Tgt Ion: 96 Resp: 38216

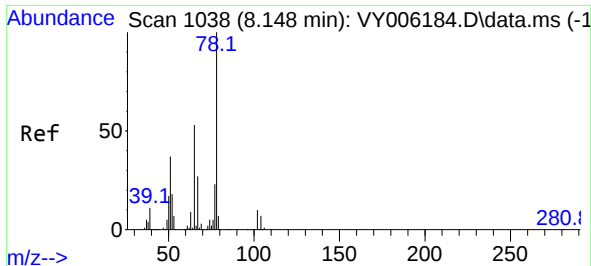
Ion Ratio Lower Upper

96 100

61 128.4 0.0 319.8

98 64.6 0.0 127.0

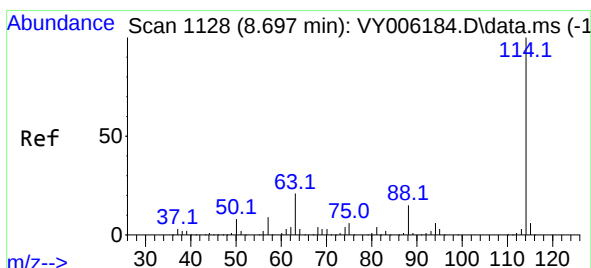
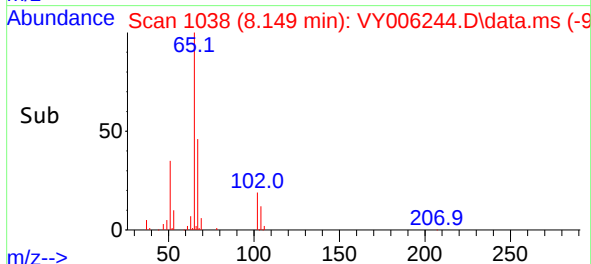
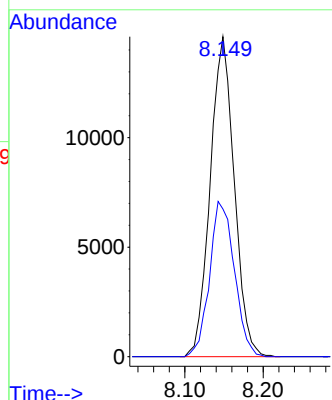
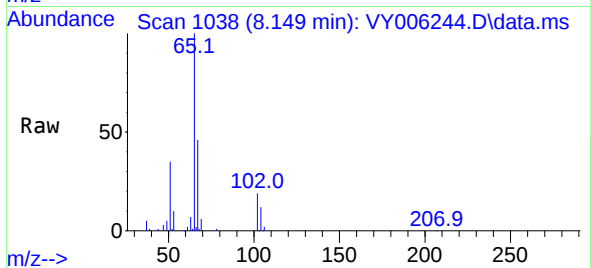




#33
1,2-Dichloroethane-d4
Concen: 42.848 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

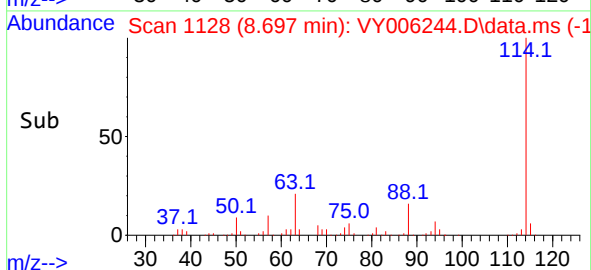
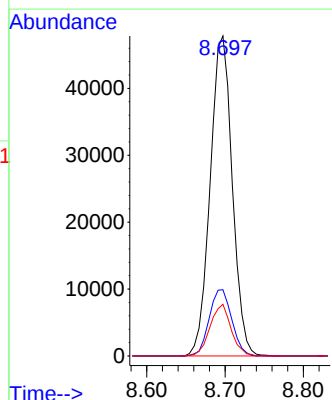
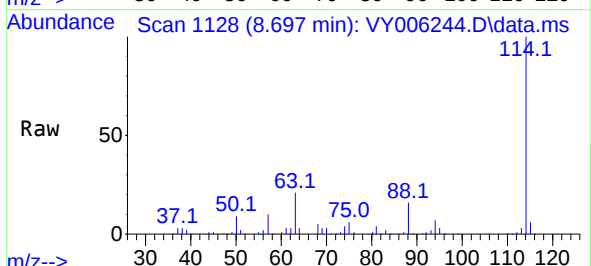
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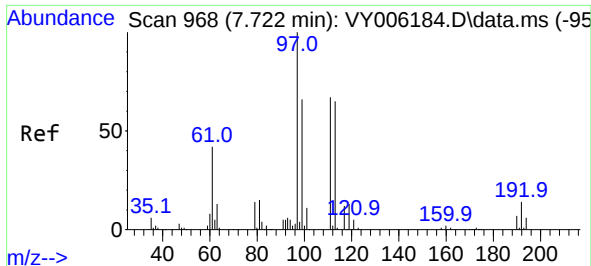
Tgt Ion: 65 Resp: 31191
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion: 114 Resp: 93671
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 16.2 0.0 31.8

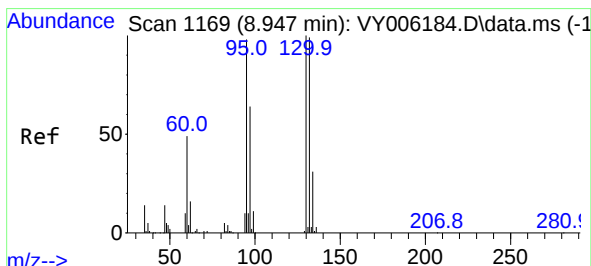
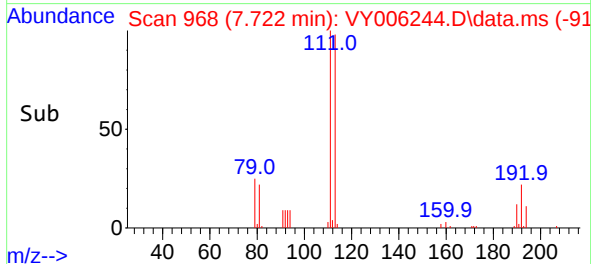
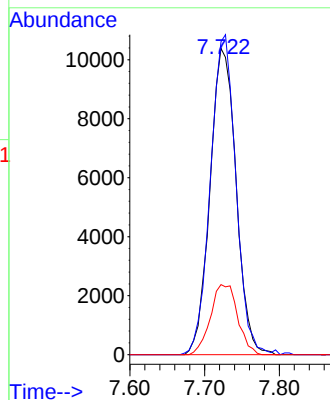
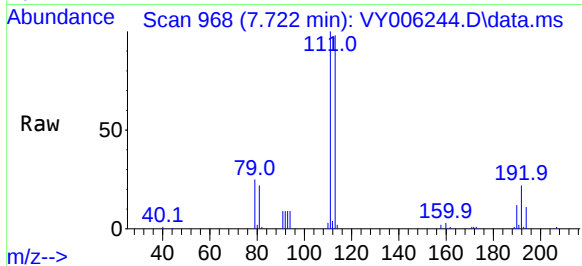




#35
Dibromofluoromethane
Concen: 50.409 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

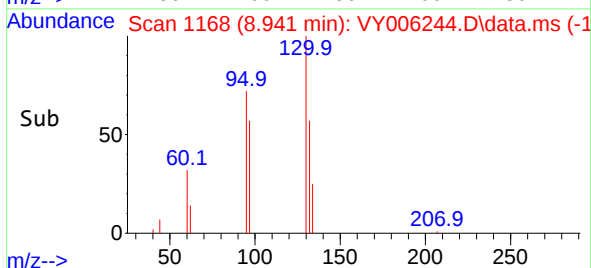
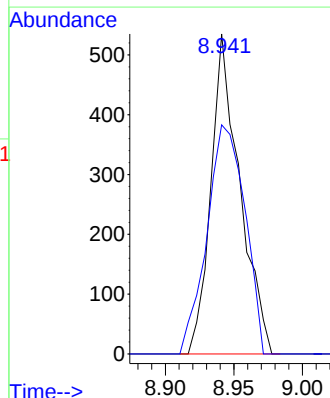
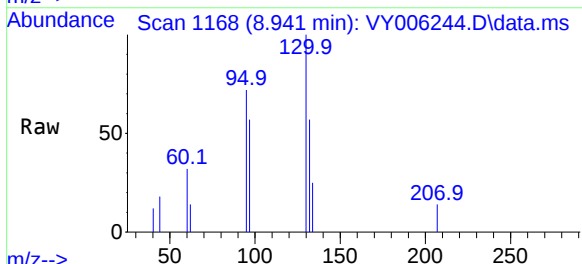
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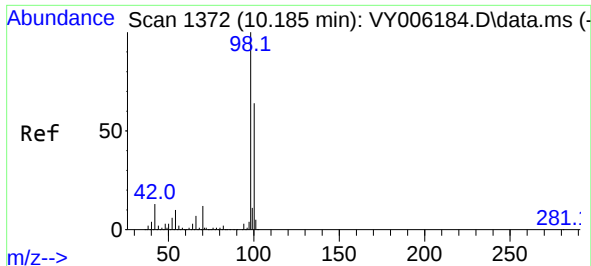
Tgt Ion:	113	Resp:	25227
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	23.8	17.6	26.4



#44
Trichloroethene
Concen: 1.145 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion:	130	Resp:	782
Ion	Ratio	Lower	Upper
130	100		
95	71.6	0.0	188.2

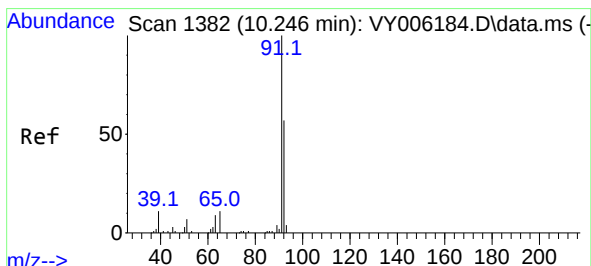
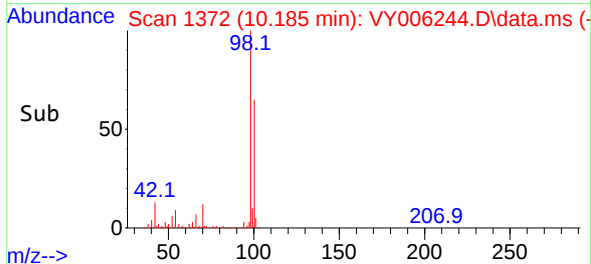
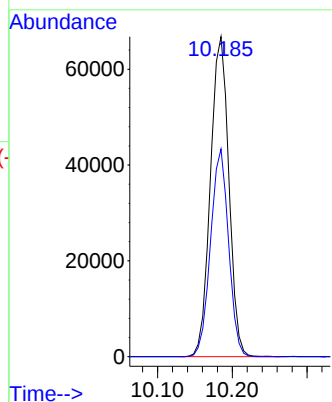
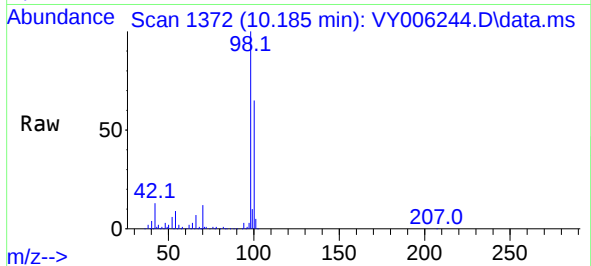




#50
Toluene-d8
Concen: 54.517 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

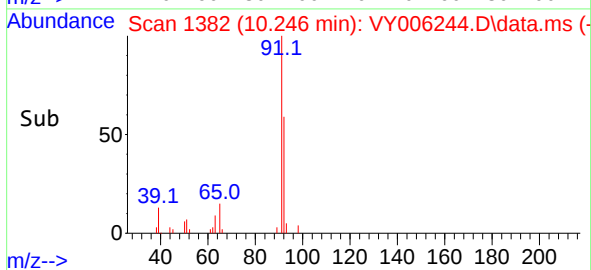
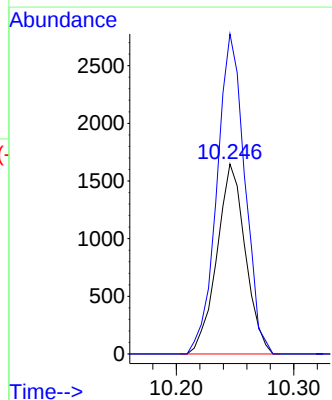
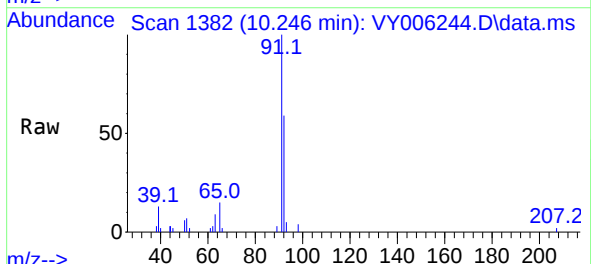
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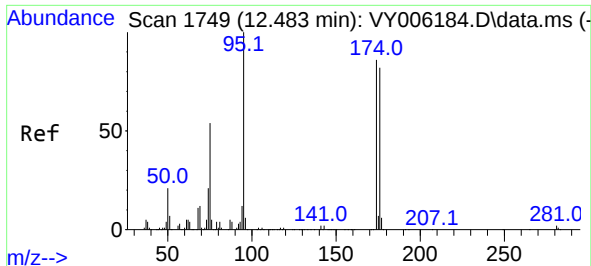
Tgt Ion: 98 Resp: 114183
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#52
Toluene
Concen: 1.691 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

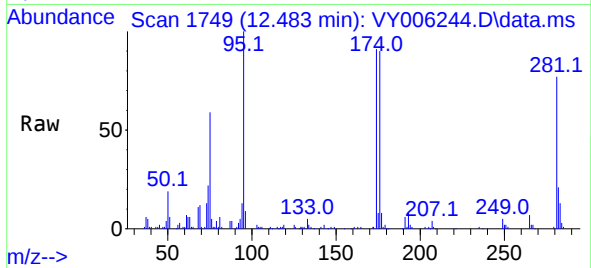
Tgt Ion: 92 Resp: 2773
Ion Ratio Lower Upper
92 100
91 165.2 142.6 213.8



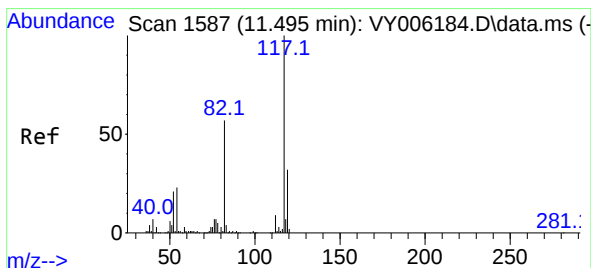
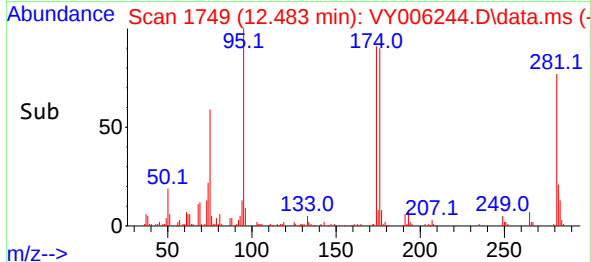
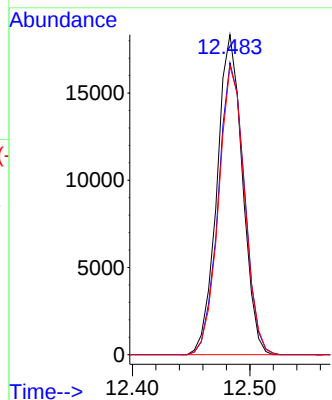


#62
4-Bromofluorobenzene
Concen: 38.977 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

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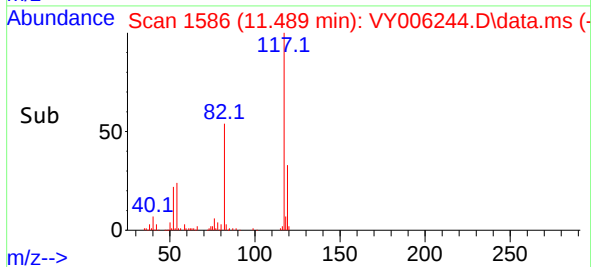
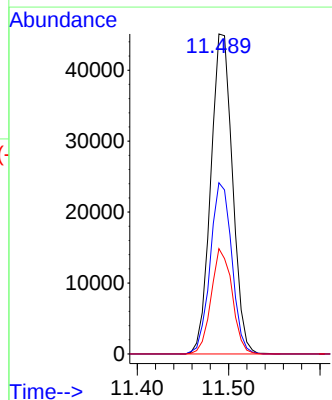
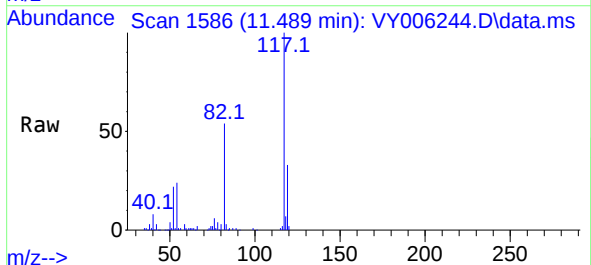


Tgt Ion: 95 Resp: 27733
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 91.4 0.0 175.8

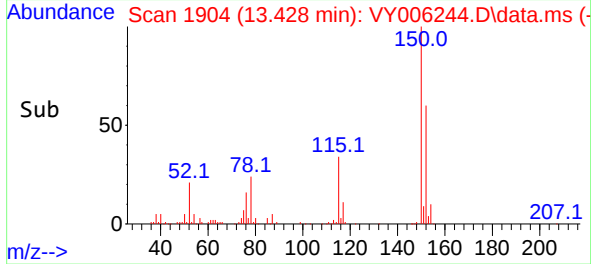
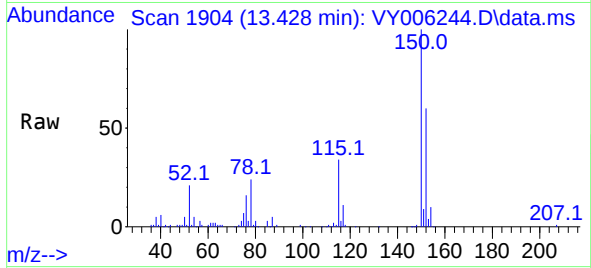
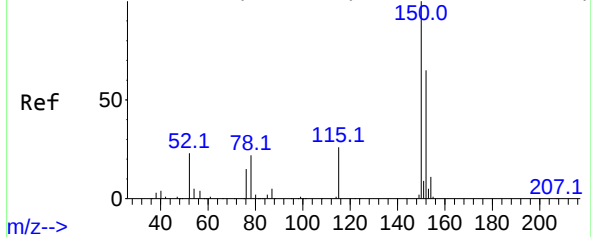


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion: 117 Resp: 74560
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.9 25.4 38.0

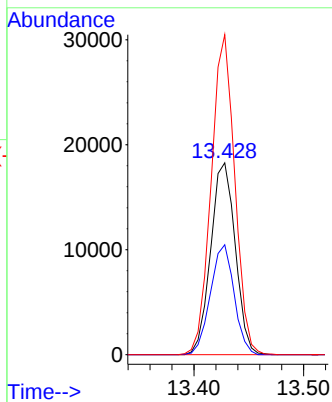


Abundance Scan 1904 (13.428 min): VY006184.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	159.9	0.0	347.6



Instrument :
MSVOA_Y
ClientSampleId :
S-833-K2-SO-12-14-092721