

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006099.D
 Acq On : 20 Sep 2021 16:18
 Operator : SY/MD
 Sample : M3770-04RE
 Misc : 6.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUPLICATE-1RE

Quant Time: Sep 21 02:12:05 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)

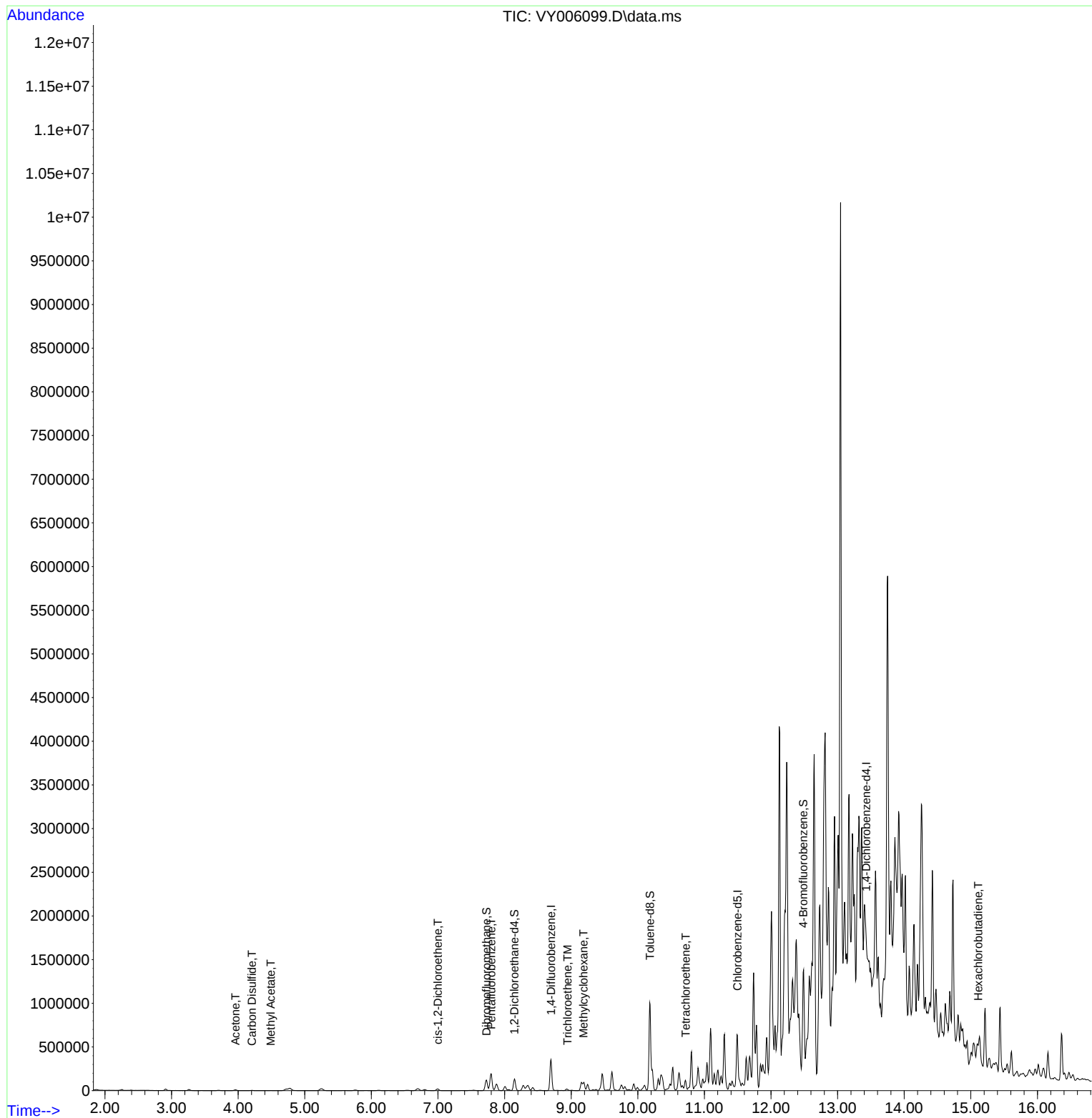
Internal Standards						
1) Pentafluorobenzene	7.801	168	144346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	299018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106305	53.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.040%	
35) Dibromofluoromethane	7.728	113	83109	48.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.980%	
50) Toluene-d8	10.185	98	387625	53.612	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.220%	
62) 4-Bromofluorobenzene	12.483	95	198017	80.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 161.340%#	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	16681	30.332	ug/l	96
17) Carbon Disulfide	4.204	76	6566	1.364	ug/l	99
18) Methyl Acetate	4.491	43	1802	1.301	ug/l #	85
27) cis-1,2-Dichloroethene	6.996	96	9489	5.263	ug/l	90
39) Methylcyclohexane	9.185	83	31375	8.587	ug/l #	76
44) Trichloroethene	8.947	130	2418	1.148	ug/l	97
64) Tetrachloroethene	10.721	164	5442	2.225	ug/l	91
94) Hexachlorobutadiene	15.111	225	3633	1.584	ug/l	93

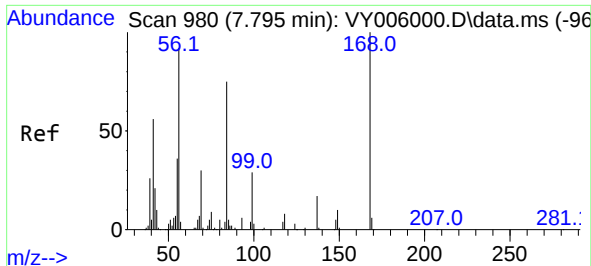
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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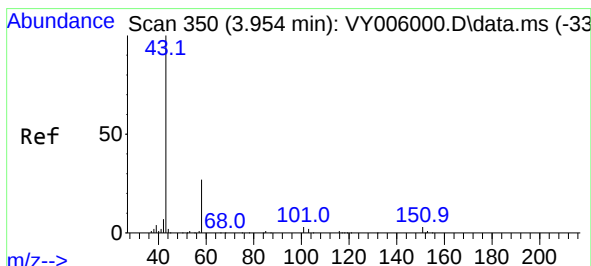
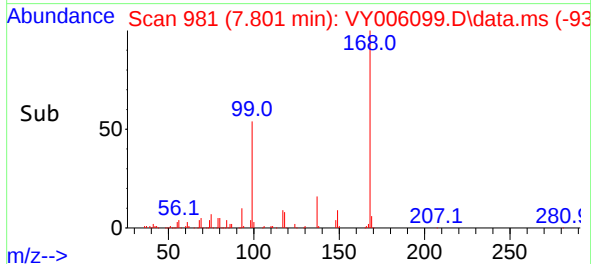
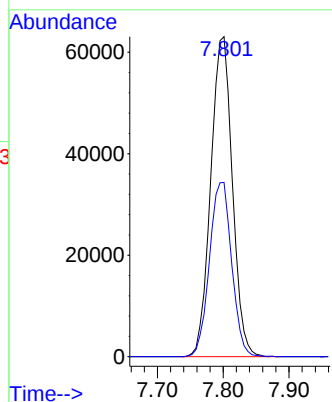
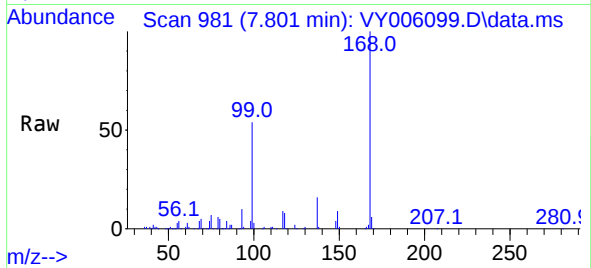




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

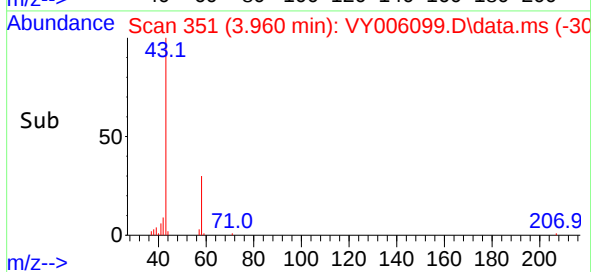
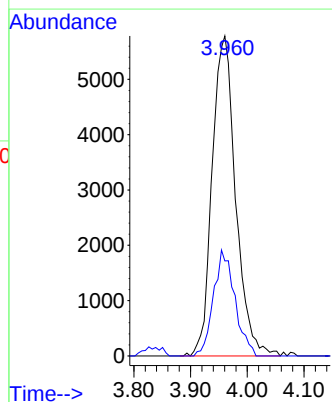
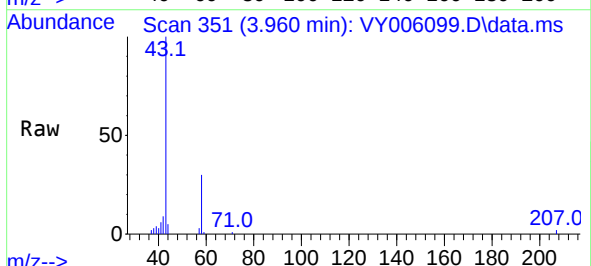
Instrument :
MSVOA_Y
ClientSampleId :
DUPLICATE-1RE

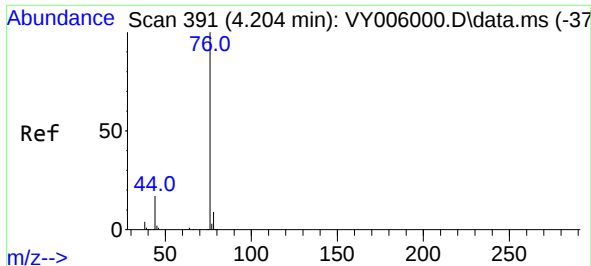
Tgt Ion:168 Resp: 144346
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 30.332 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Tgt Ion: 43 Resp: 16681
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0

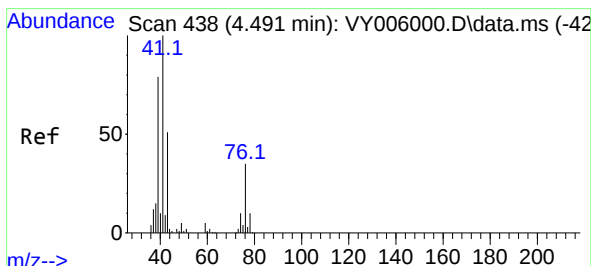
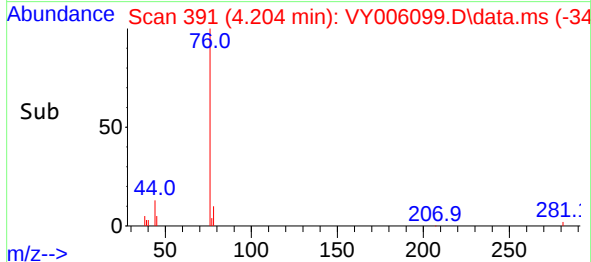
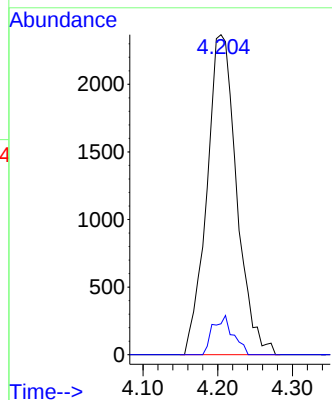
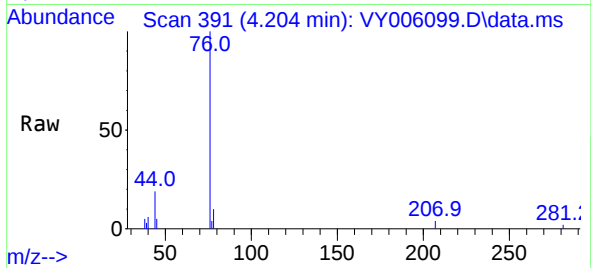




#17
Carbon Disulfide
Concen: 1.364 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

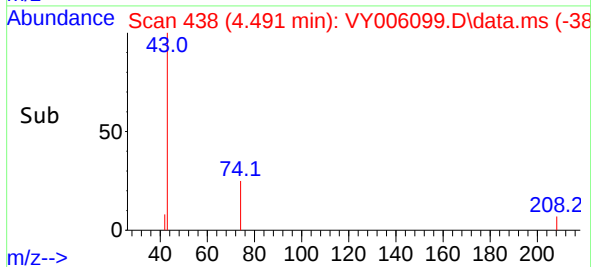
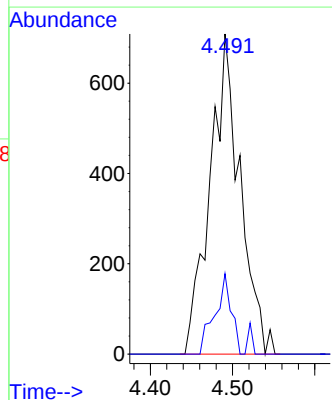
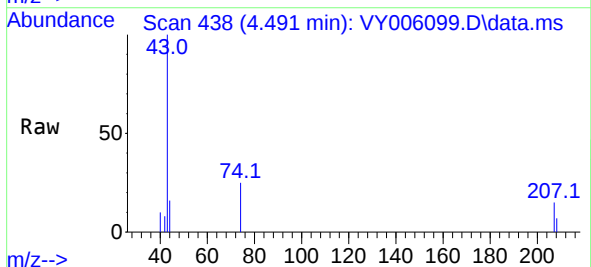
Instrument :
MSVOA_Y
ClientSampleId :
DUPLICATE-1RE

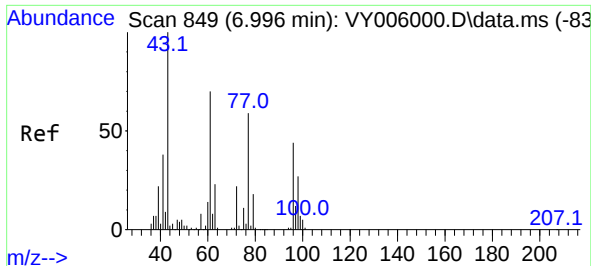
Tgt Ion: 76 Resp: 6566
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 1.301 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

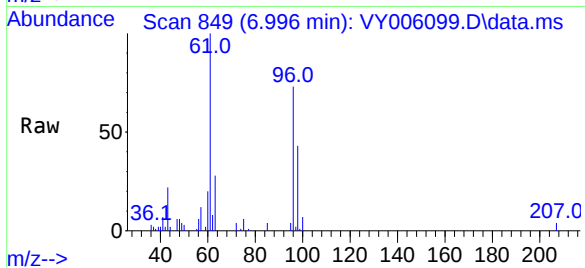
Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
74 13.7 16.6 24.8#





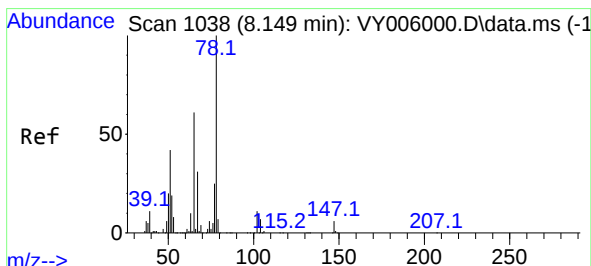
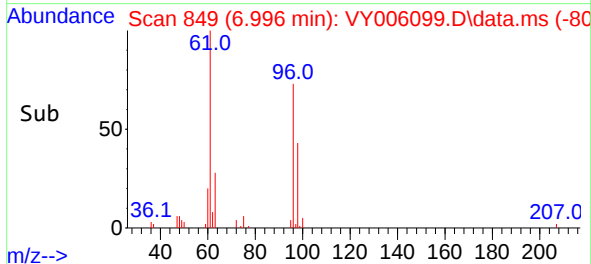
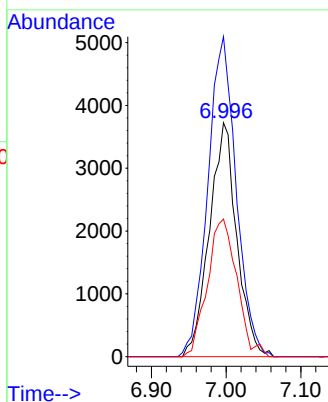
#27
 cis-1,2-Dichloroethene
 Concen: 5.263 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY006099.D
 Acq: 20 Sep 2021 16:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUPLICATE-1RE



Tgt Ion: 96 Resp: 9489

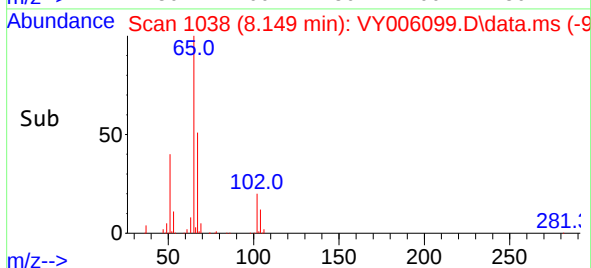
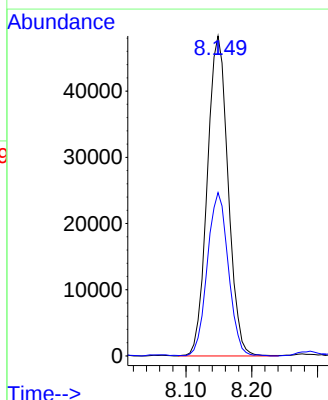
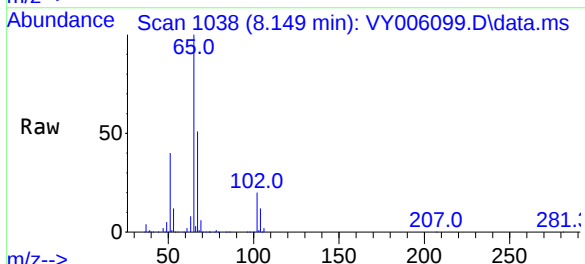
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	319.8
98	63.5	0.0	127.0

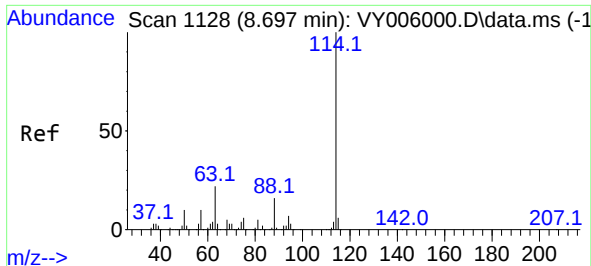


#33
 1,2-Dichloroethane-d4
 Concen: 53.019 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006099.D
 Acq: 20 Sep 2021 16:18

Tgt Ion: 65 Resp: 106305

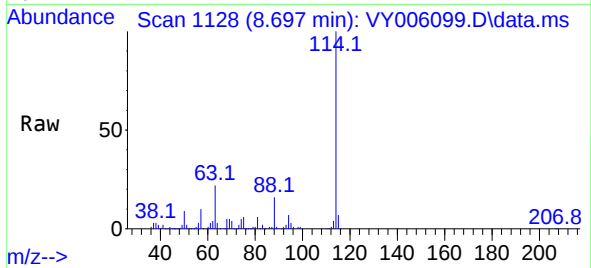
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	99.4



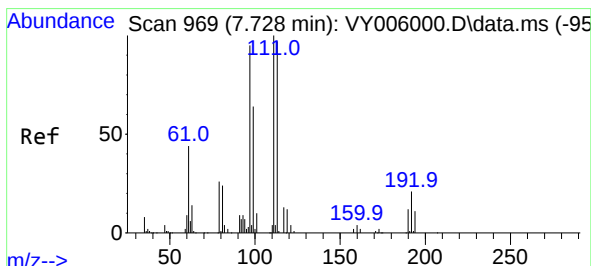
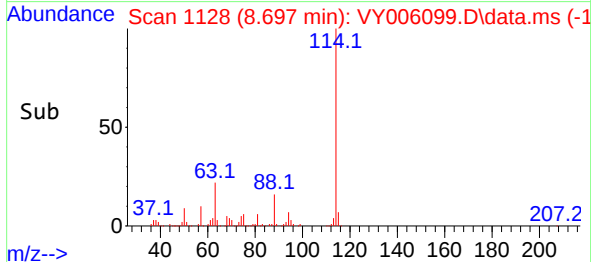
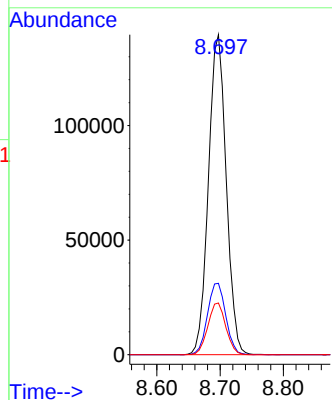


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Instrument :
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ClientSampleId :
DUPLICATE-1RE

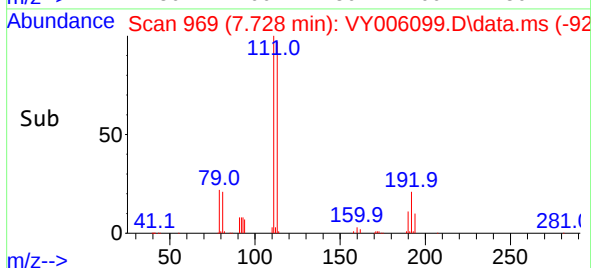
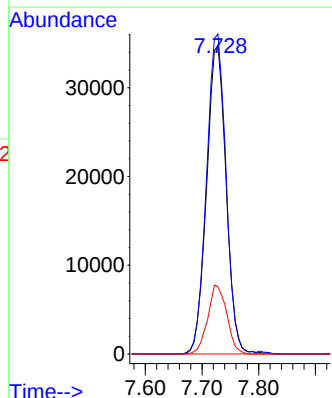
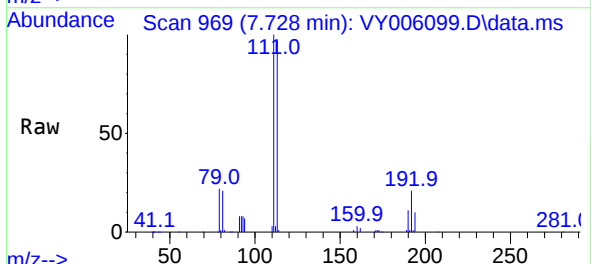


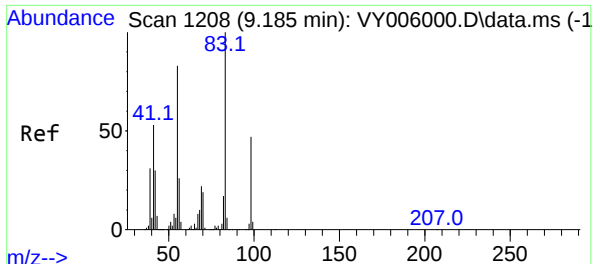
Tgt Ion:114 Resp: 273122
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.991 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Tgt Ion:113 Resp: 83109
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 21.8 17.6 26.4

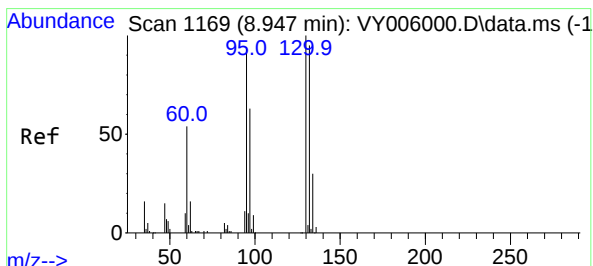
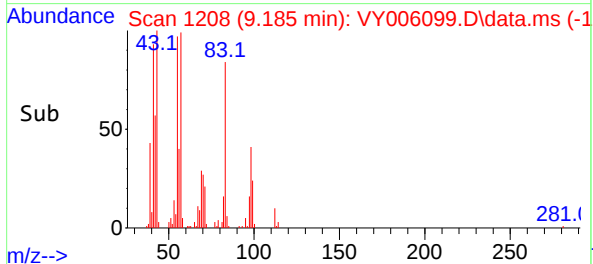
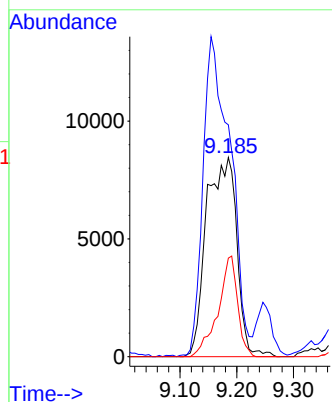
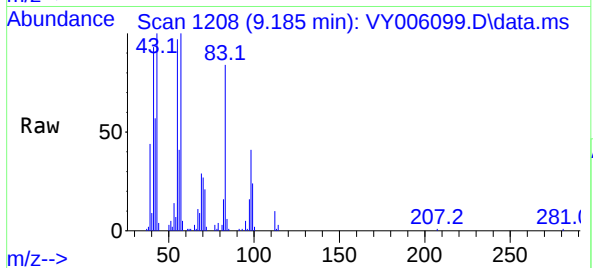




#39
Methylcyclohexane
Concen: 8.587 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

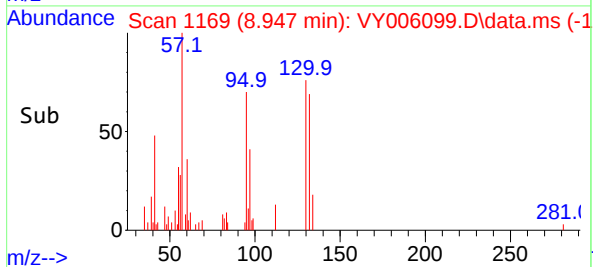
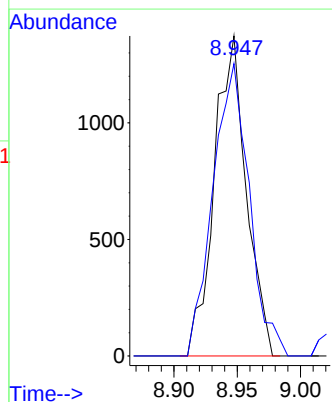
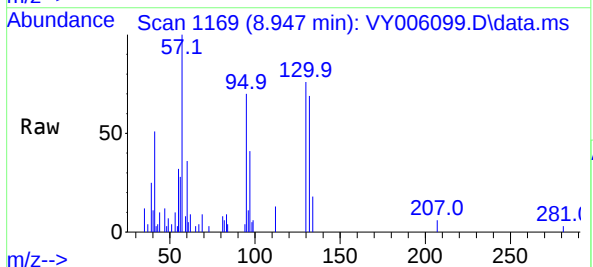
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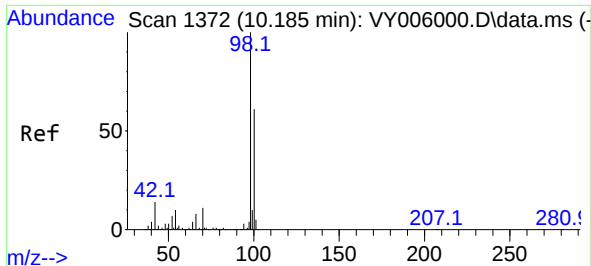
Tgt Ion: 83 Resp: 31375
Ion Ratio Lower Upper
83 100
55 115.8 66.5 99.7#
98 49.5 37.9 56.9



#44
Trichloroethene
Concen: 1.148 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Tgt Ion:130 Resp: 2418
Ion Ratio Lower Upper
130 100
95 91.3 0.0 188.2

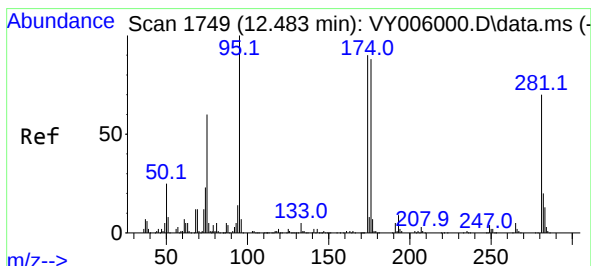
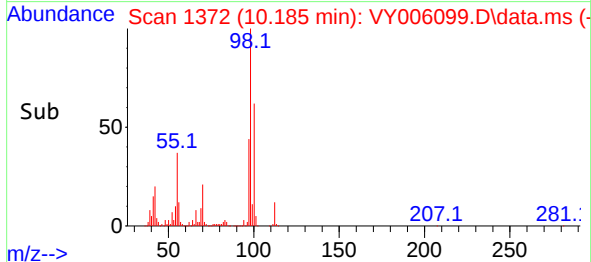
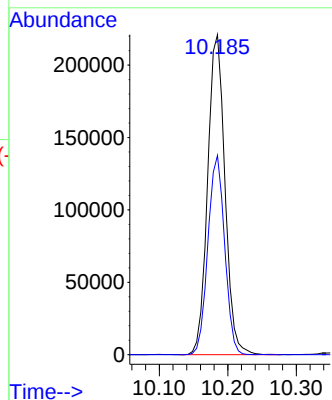
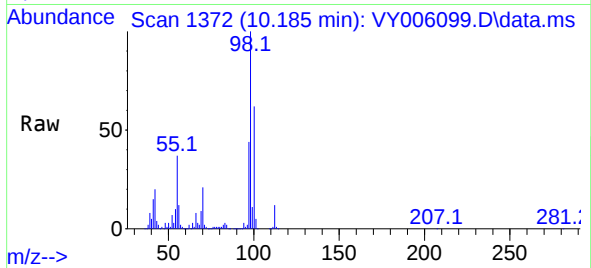




#50
Toluene-d8
Concen: 53.612 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

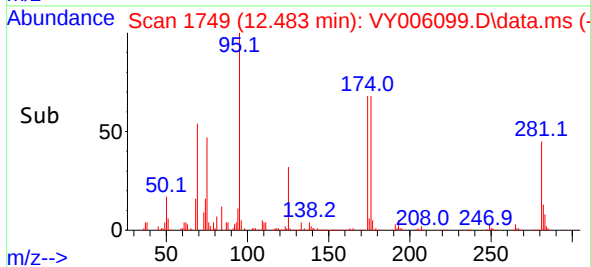
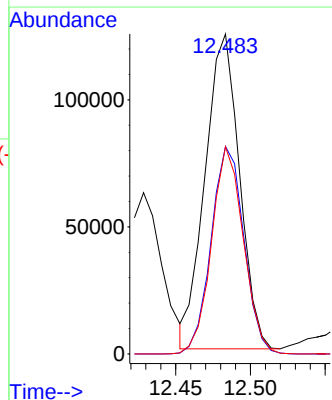
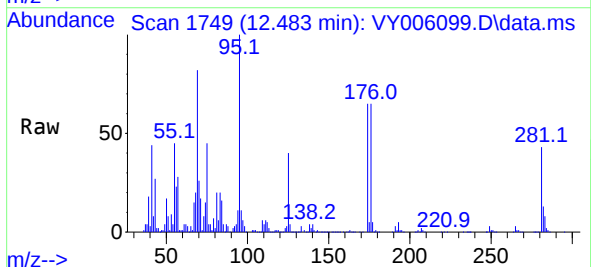
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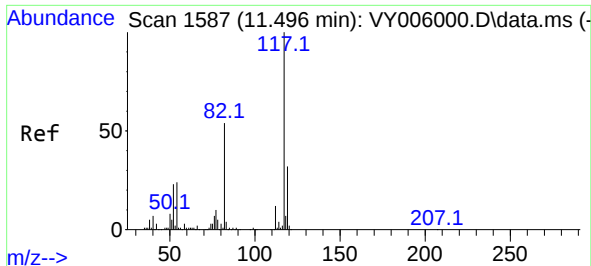
Tgt Ion: 98 Resp: 387625
Ion Ratio Lower Upper
98 100
100 60.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 80.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Tgt Ion: 95 Resp: 198017
Ion Ratio Lower Upper
95 100
174 62.7 0.0 177.0
176 60.9 0.0 175.8



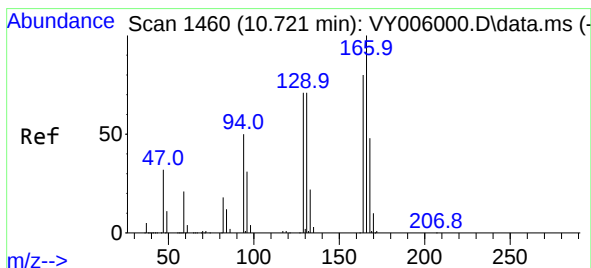
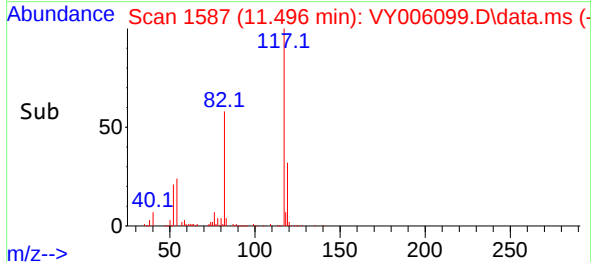
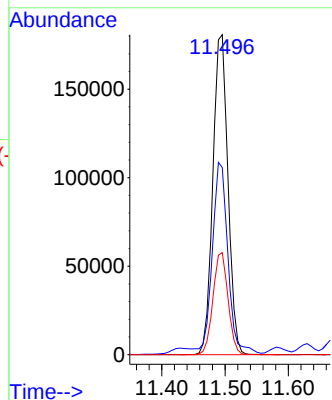
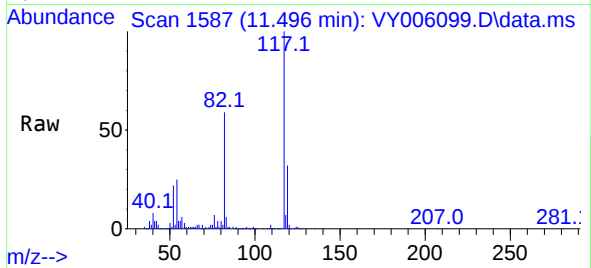


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :
DUPLICATE-1RE

Tgt Ion:117 Resp: 299018

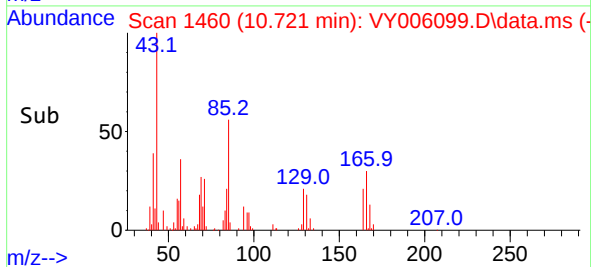
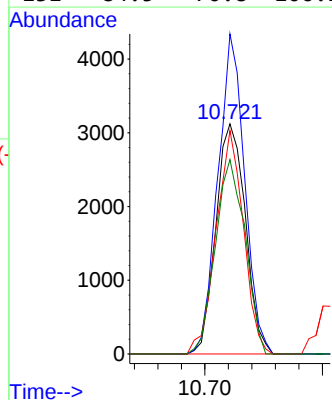
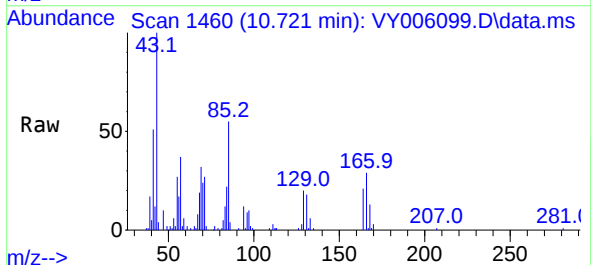
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.0	64.4
119	31.9	25.4	38.0

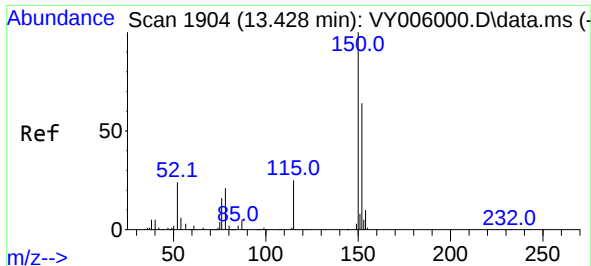


#64
Tetrachloroethene
Concen: 2.225 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Tgt Ion:164 Resp: 5442

Ion	Ratio	Lower	Upper
164	100		
166	139.0	100.4	150.6
129	97.1	71.4	107.0
131	84.5	70.8	106.2

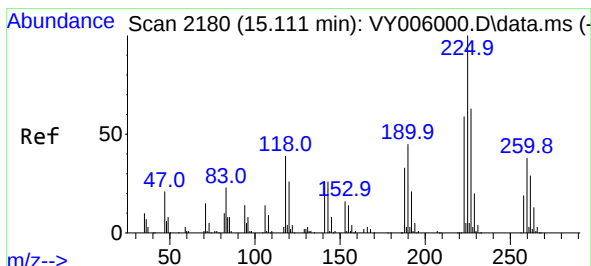
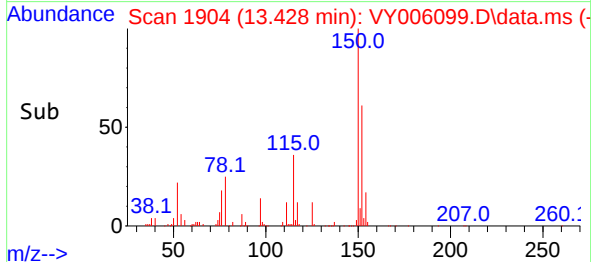
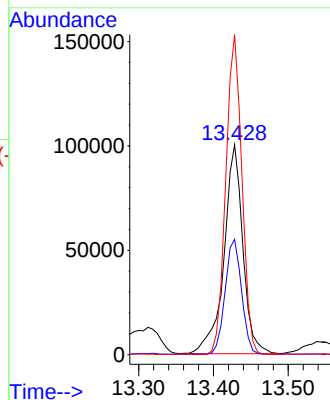
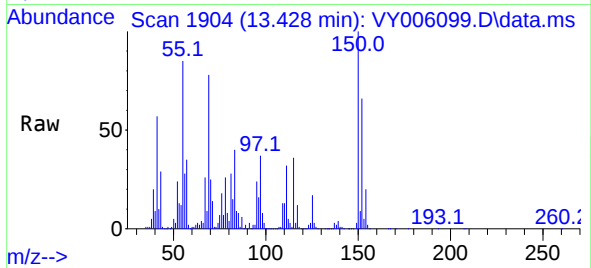




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :
DUPLICATE-1RE

Tgt Ion:152 Resp: 176477
Ion Ratio Lower Upper
152 100
115 47.8 28.2 84.7
150 130.4 0.0 347.6



#94
Hexachlorobutadiene
Concen: 1.584 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006099.D
Acq: 20 Sep 2021 16:18

Tgt Ion:225 Resp: 3633
Ion Ratio Lower Upper
225 100
223 68.2 30.8 92.3
227 67.8 31.6 94.7

