

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012894.D
 Acq On : 09 Mar 2023 13:20
 Operator : KP/MD
 Sample : 01834-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Quant Time: Mar 10 00:29:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

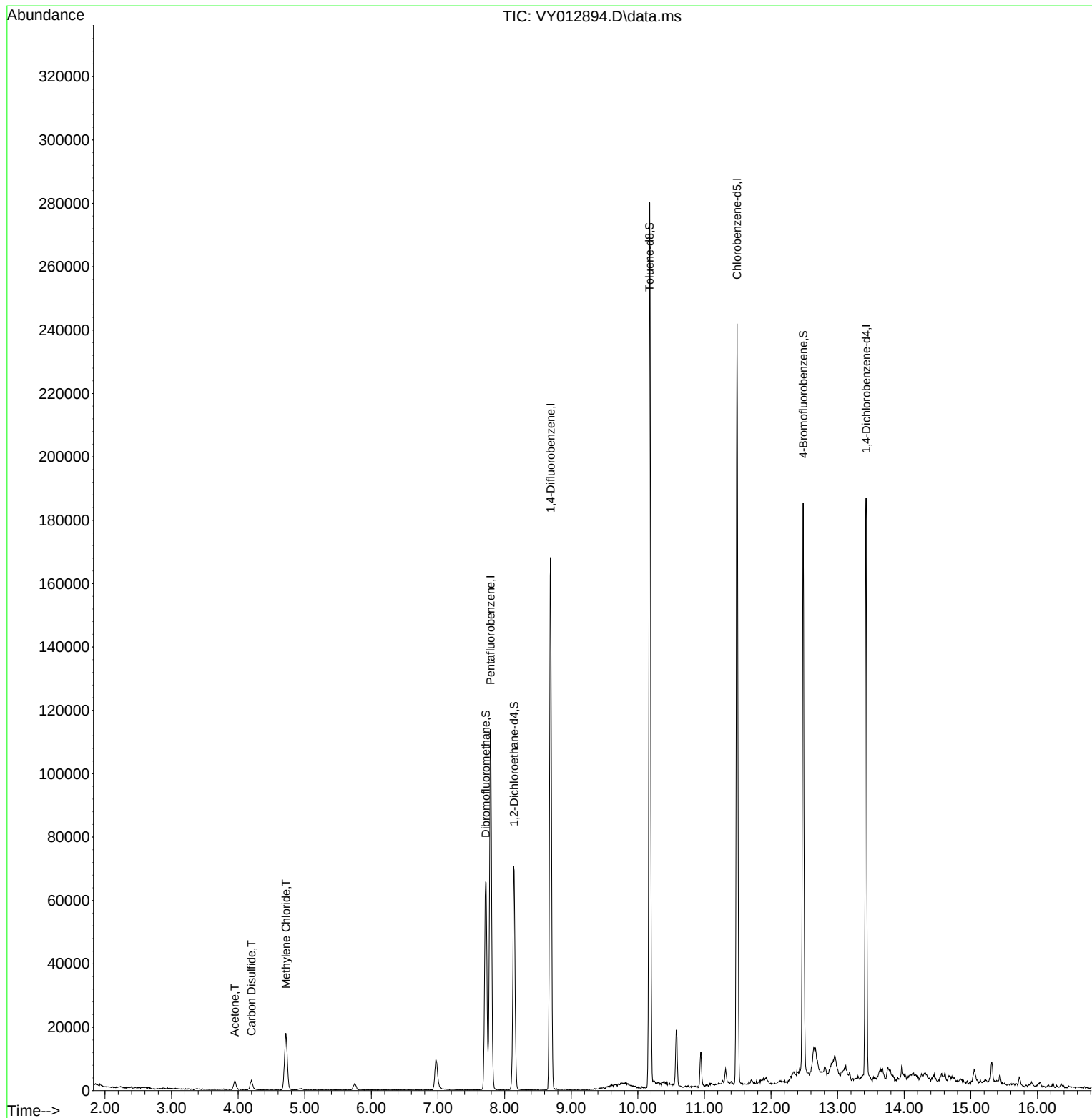
Internal Standards						
1) Pentafluorobenzene	7.789	168	88144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53592	61.237	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.480%		
35) Dibromofluoromethane	7.715	113	48610	56.267	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.540%		
50) Toluene-d8	10.178	98	177074	56.066	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 112.140%		
62) 4-Bromofluorobenzene	12.483	95	49362	46.306	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 92.620%		
Target Compounds						
						Qvalue
16) Acetone	3.948	43	4938	14.375	ug/l	97
17) Carbon Disulfide	4.198	76	4054	1.312	ug/l #	93
20) Methylene Chloride	4.716	84	12328	7.157	ug/l	94

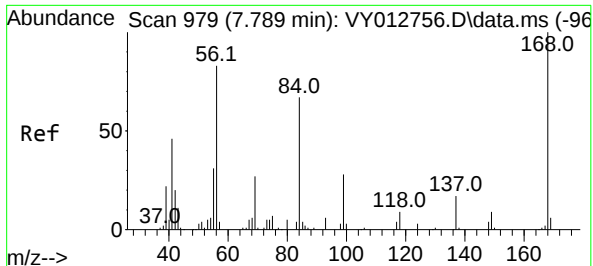
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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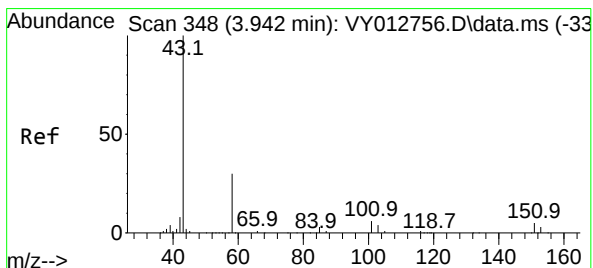
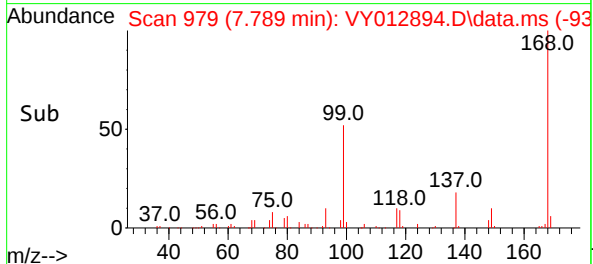
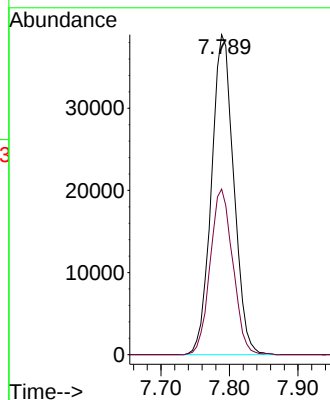
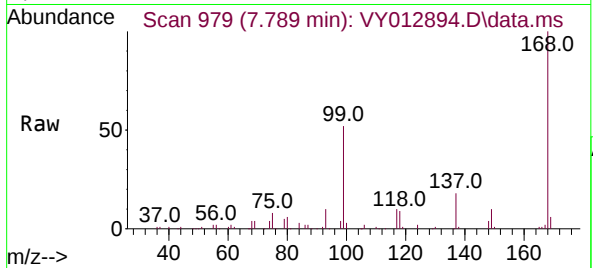




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012894.D
Acq: 09 Mar 2023 13:20

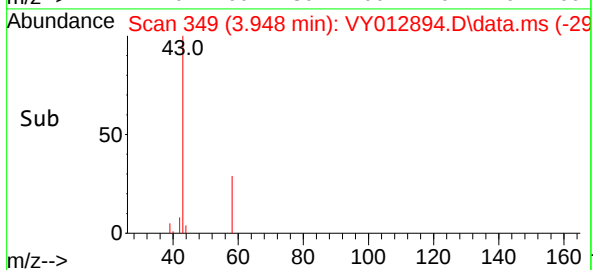
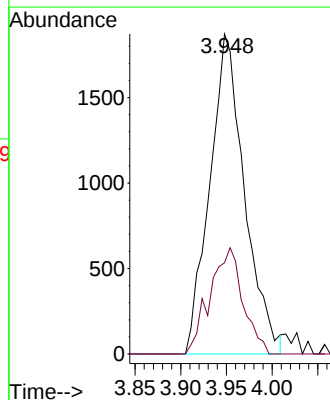
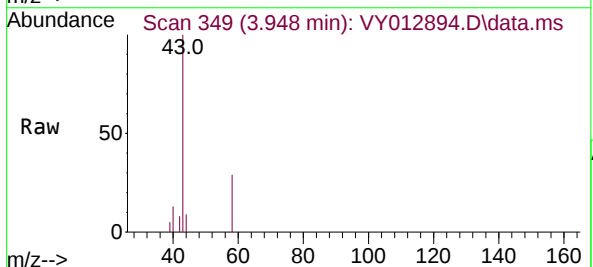
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

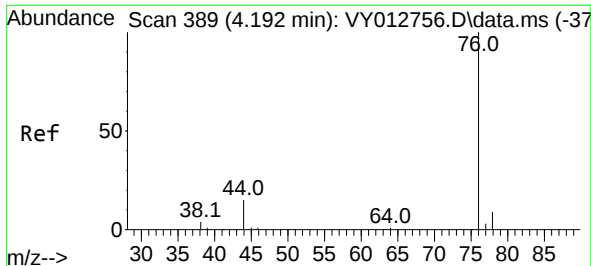
Tgt Ion:168 Resp: 88144
Ion Ratio Lower Upper
168 100
99 51.7 41.7 62.5



#16
Acetone
Concen: 14.375 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012894.D
Acq: 09 Mar 2023 13:20

Tgt Ion: 43 Resp: 4938
Ion Ratio Lower Upper
43 100
58 28.5 24.2 36.2





#17

Carbon Disulfide

Concen: 1.312 ug/l

RT: 4.198 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY012894.D

Acq: 09 Mar 2023 13:20

Instrument :

MSVOA_Y

ClientSampleId :

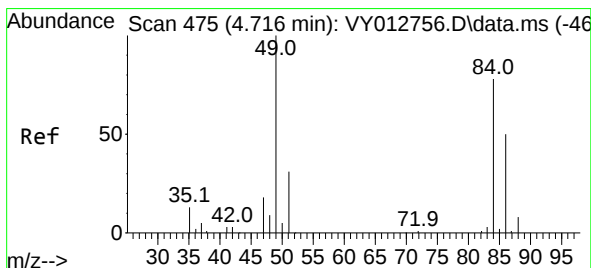
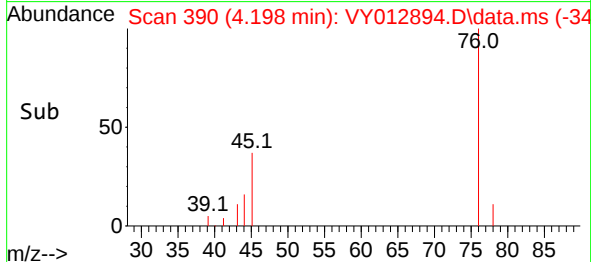
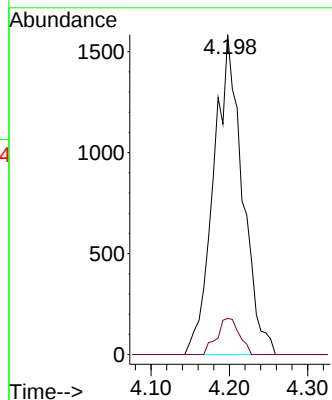
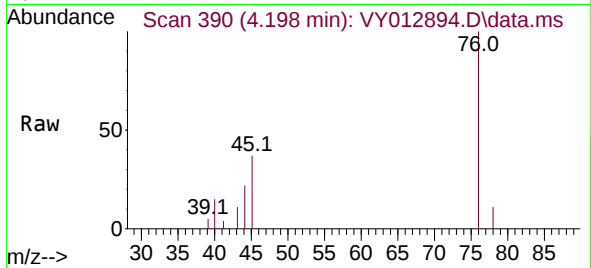
TP-7

Tgt Ion: 76 Resp: 4054

Ion Ratio Lower Upper

76 100

78 11.3 7.1 10.7#



#20

Methylene Chloride

Concen: 7.157 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY012894.D

Acq: 09 Mar 2023 13:20

Tgt Ion: 84 Resp: 12328

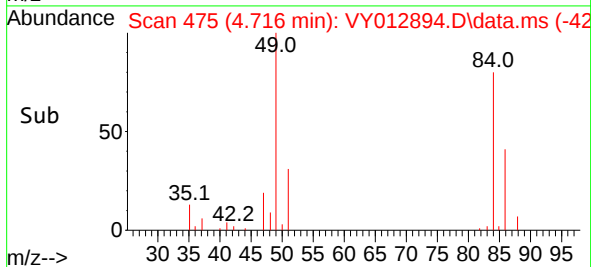
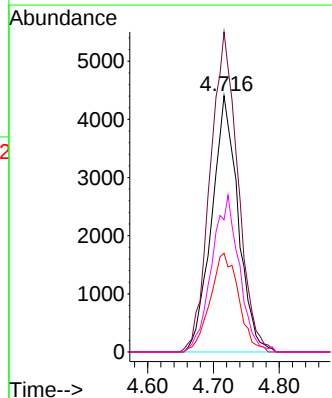
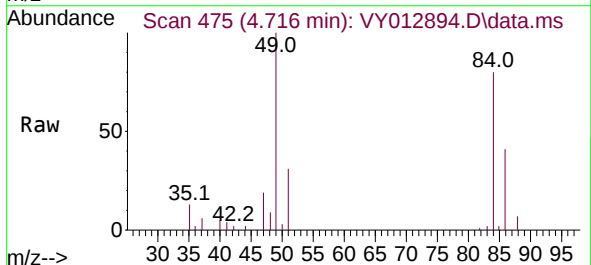
Ion Ratio Lower Upper

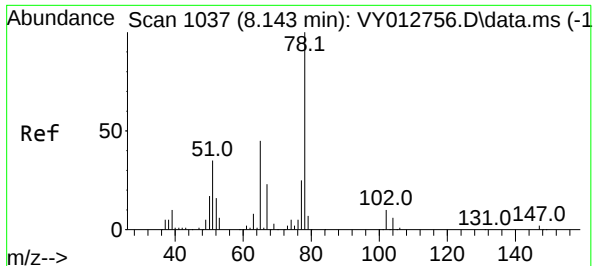
84 100

49 125.0 102.6 154.0

51 38.5 31.9 47.9

86 51.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 61.237 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012894.D

Acq: 09 Mar 2023 13:20

Instrument :

MSVOA_Y

ClientSampleId :

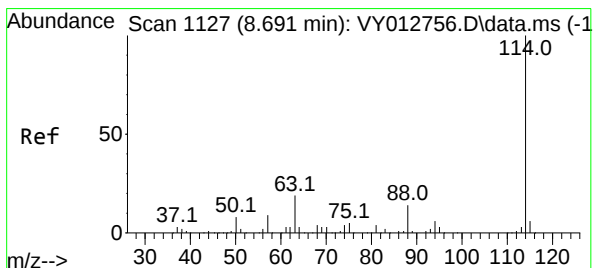
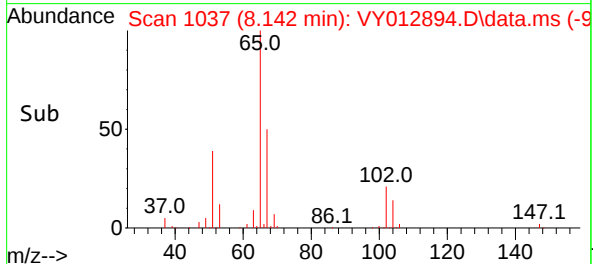
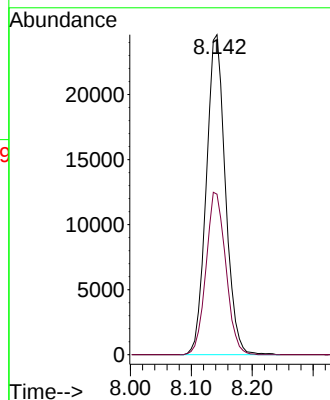
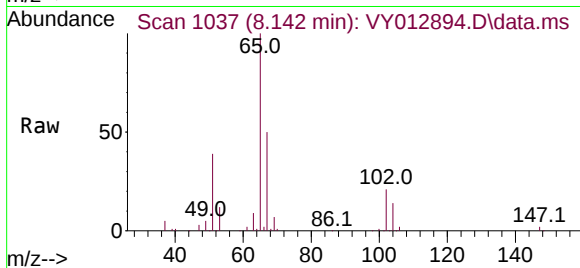
TP-7

Tgt Ion: 65 Resp: 53592

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012894.D

Acq: 09 Mar 2023 13:20

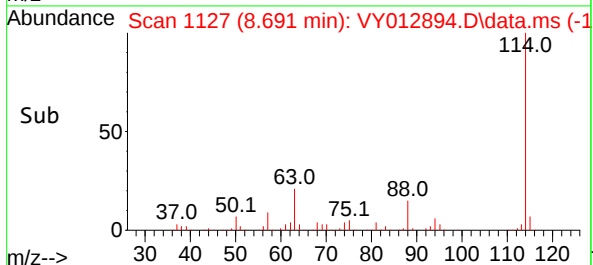
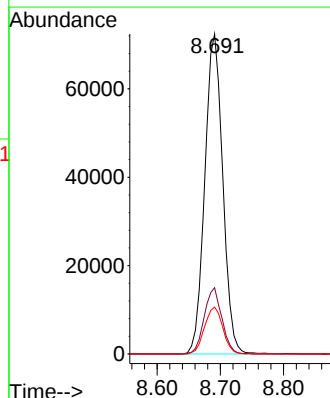
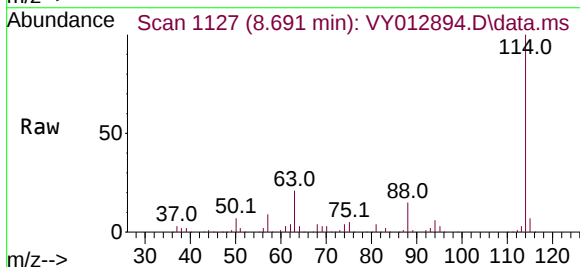
Tgt Ion: 114 Resp: 143151

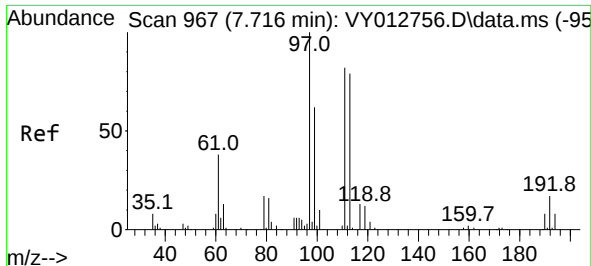
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.7 0.0 28.6

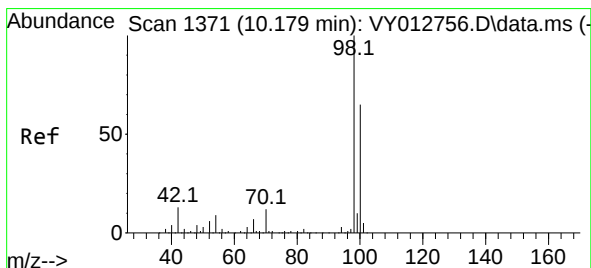
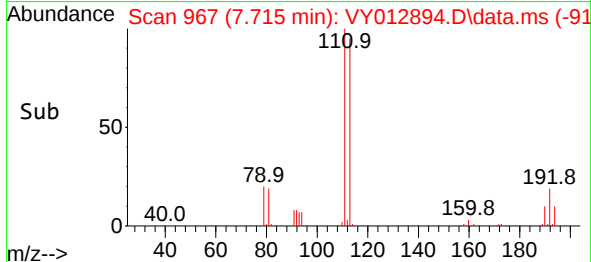
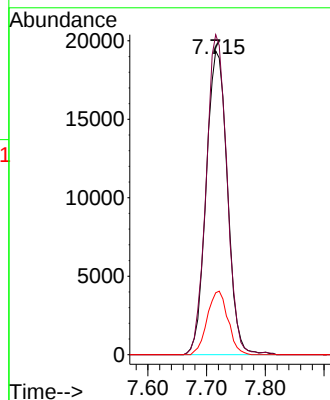
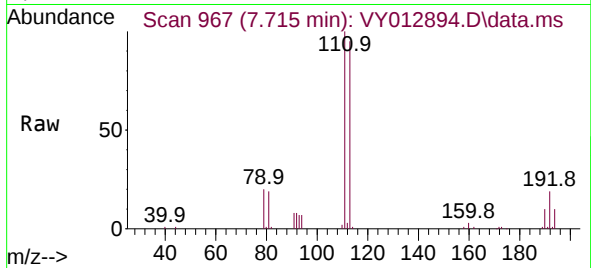




#35
Dibromofluoromethane
Concen: 56.267 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012894.D
Acq: 09 Mar 2023 13:20

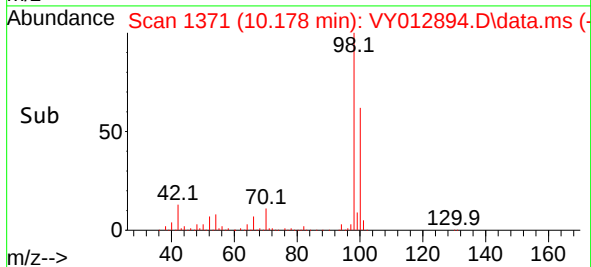
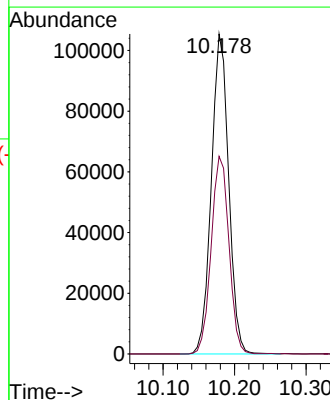
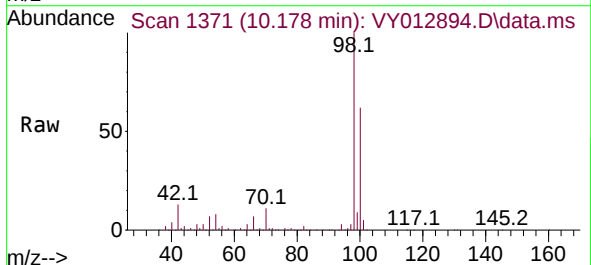
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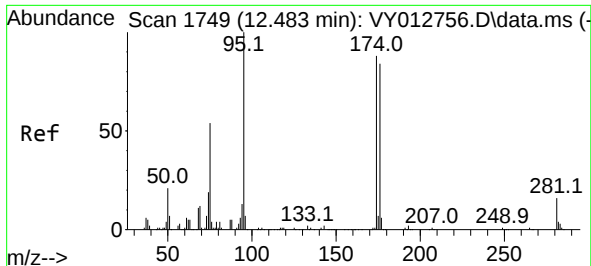
Tgt Ion:113 Resp: 48610
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.4 16.8 25.2



#50
Toluene-d8
Concen: 56.066 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012894.D
Acq: 09 Mar 2023 13:20

Tgt Ion: 98 Resp: 177074
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

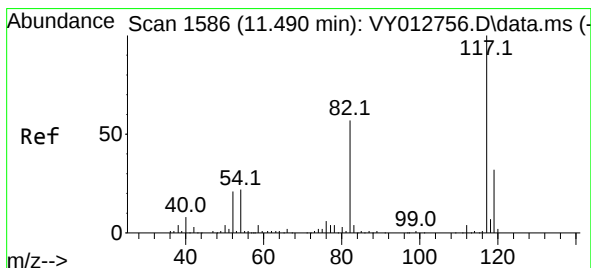
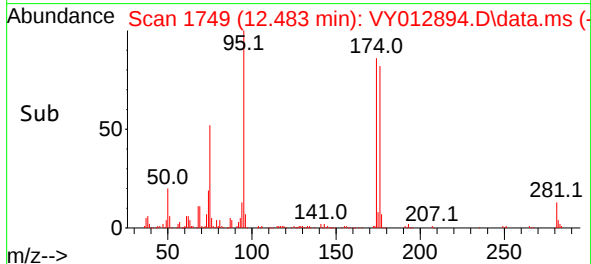
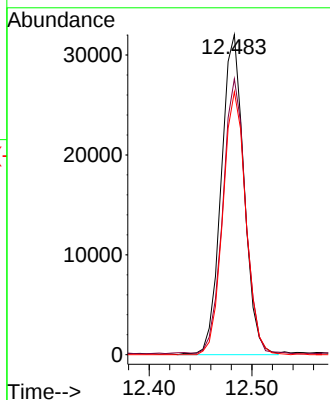
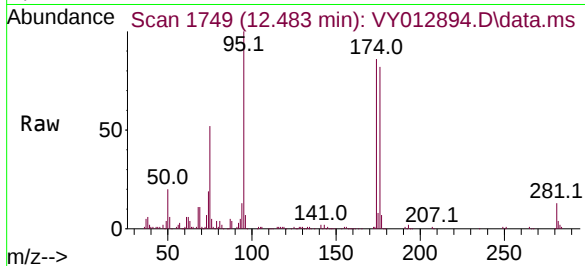




#62
4-Bromofluorobenzene
Concen: 46.306 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012894.D
Acq: 09 Mar 2023 13:20

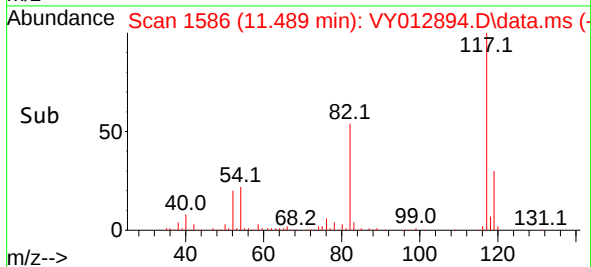
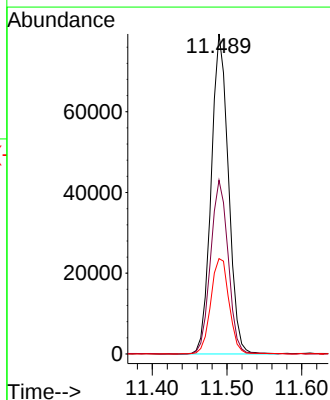
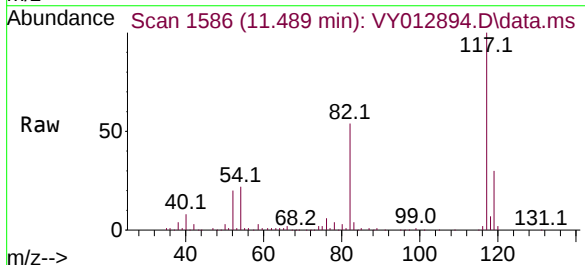
Instrument :
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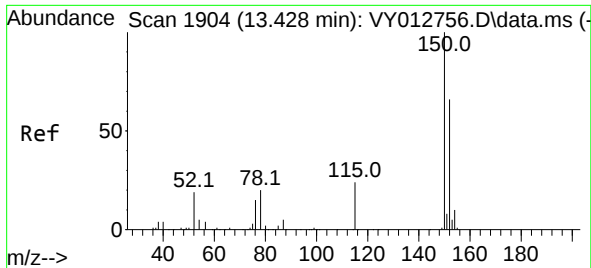
Tgt Ion: 95 Resp: 49362
Ion Ratio Lower Upper
95 100
174 85.5 0.0 176.6
176 82.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012894.D
Acq: 09 Mar 2023 13:20

Tgt Ion: 117 Resp: 127053
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 29.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012894.D
 Acq: 09 Mar 2023 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Tgt Ion:152 Resp: 46851
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.1 81.3
 150 157.6 0.0 347.8

