

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012691.D
 Acq On : 22 Feb 2023 15:20
 Operator : KP/MD
 Sample : 01640-03
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 22 21:43:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

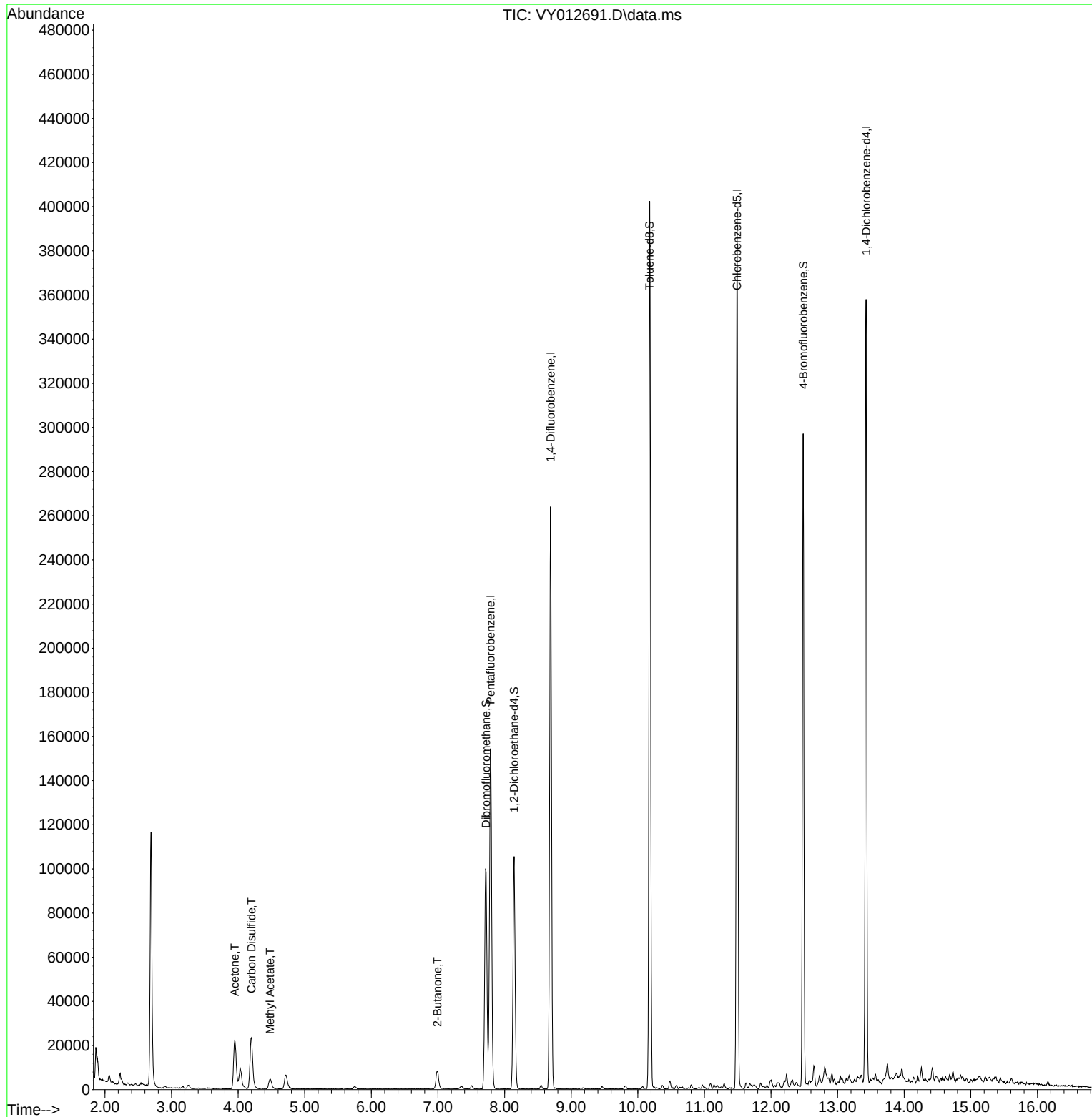
Internal Standards						
1) Pentafluorobenzene	7.789	168	118653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77487	55.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.722	113	70589	49.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.179	98	249481	46.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.483	95	84518	49.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.280%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	41284	90.284	ug/l	98
17) Carbon Disulfide	4.198	76	45111	10.695	ug/l	99
18) Methyl Acetate	4.479	43	9424	6.398	ug/l	98
25) 2-Butanone	6.990	43	14688	24.202	ug/l	98

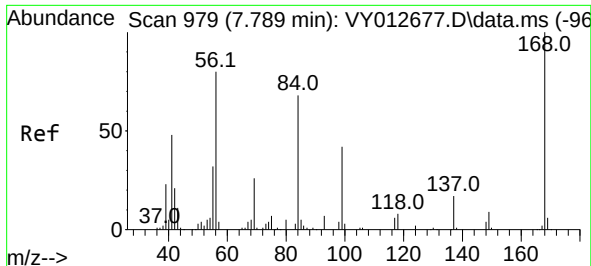
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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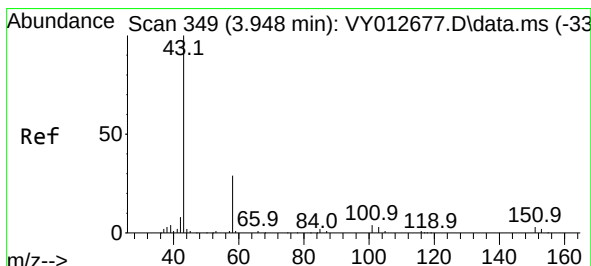
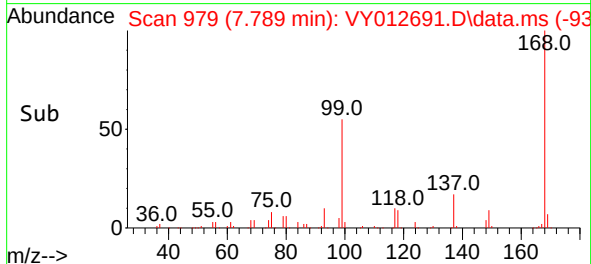
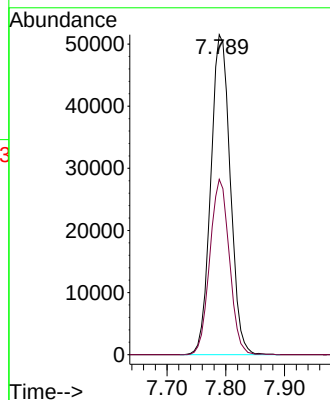
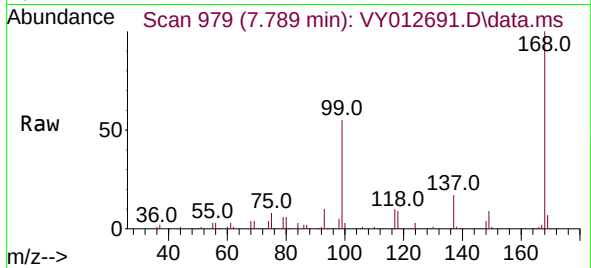




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012691.D
Acq: 22 Feb 2023 15:20

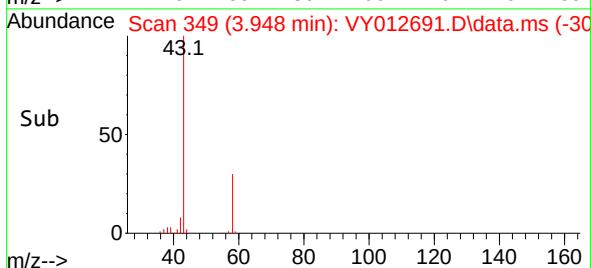
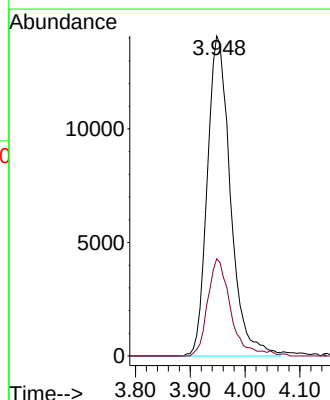
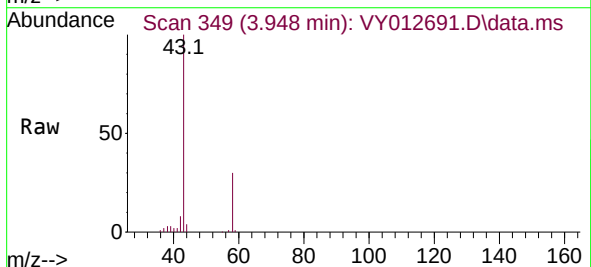
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

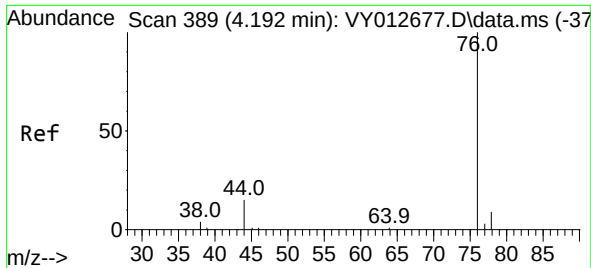
Tgt Ion:168 Resp: 118653
Ion Ratio Lower Upper
168 100
99 54.8 45.4 68.2



#16
Acetone
Concen: 90.284 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012691.D
Acq: 22 Feb 2023 15:20

Tgt Ion: 43 Resp: 41284
Ion Ratio Lower Upper
43 100
58 30.4 23.3 34.9

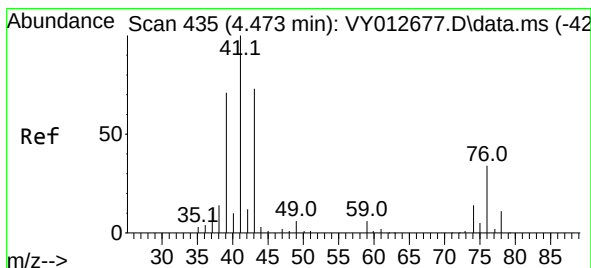
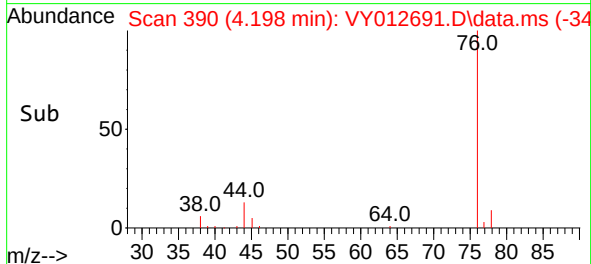
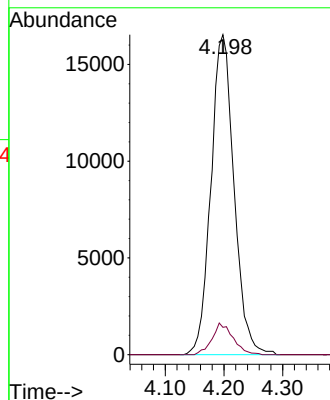
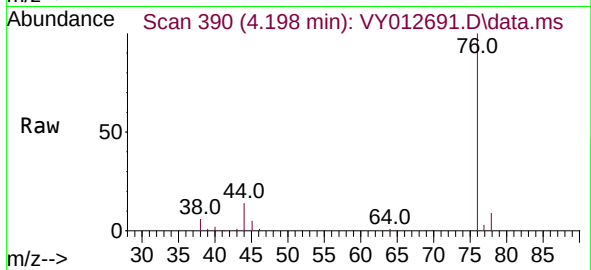




#17
Carbon Disulfide
Concen: 10.695 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012691.D
Acq: 22 Feb 2023 15:20

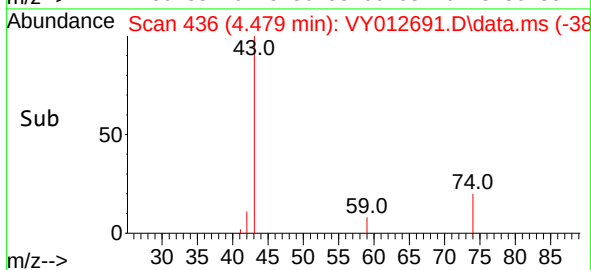
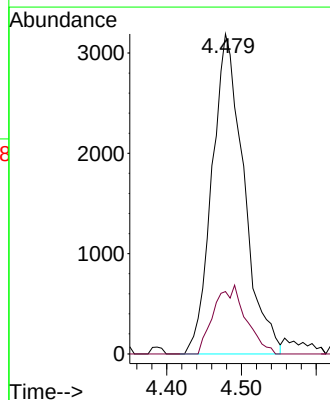
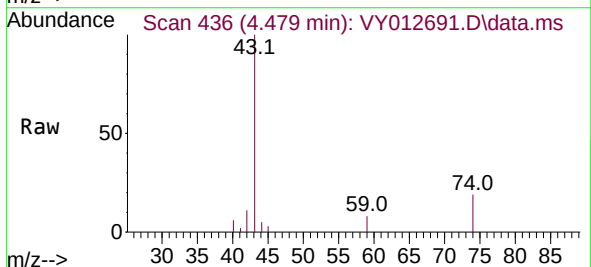
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

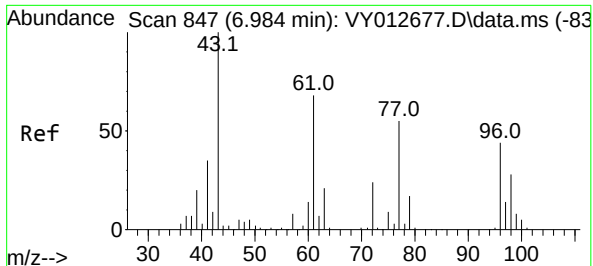
Tgt Ion: 76 Resp: 45111
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 6.398 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012691.D
Acq: 22 Feb 2023 15:20

Tgt Ion: 43 Resp: 9424
Ion Ratio Lower Upper
43 100
74 21.7 16.5 24.7





#25

2-Butanone

Concen: 24.202 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012691.D

Acq: 22 Feb 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

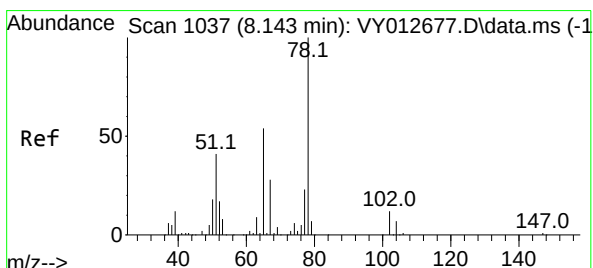
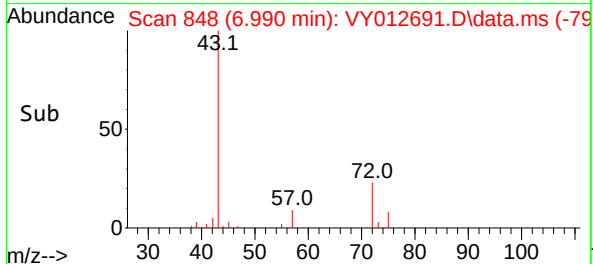
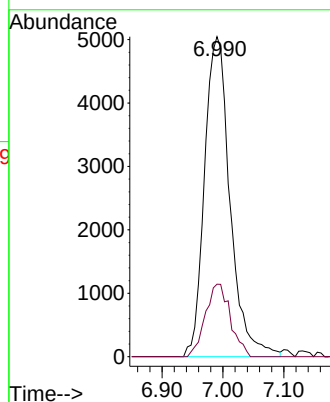
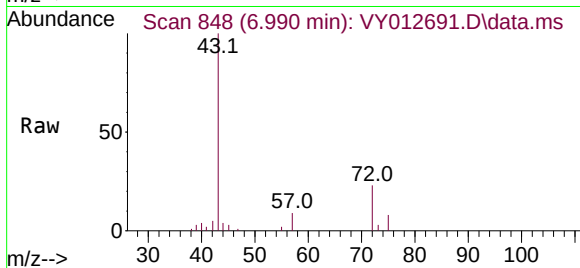
TP-3

Tgt Ion: 43 Resp: 14688

Ion Ratio Lower Upper

43 100

72 22.7 18.8 28.2



#33

1,2-Dichloroethane-d4

Concen: 55.295 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012691.D

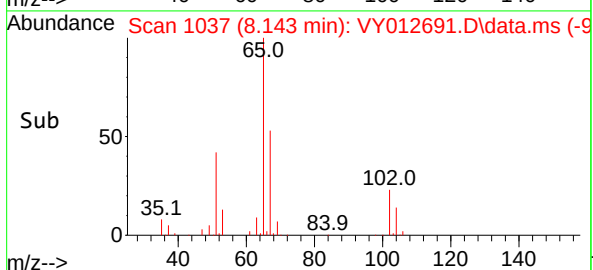
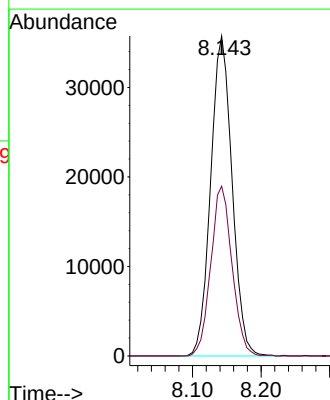
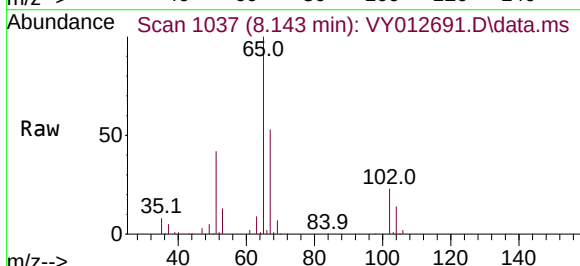
Acq: 22 Feb 2023 15:20

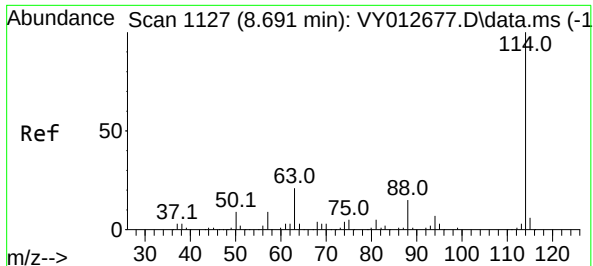
Tgt Ion: 65 Resp: 77487

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012691.D

Acq: 22 Feb 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

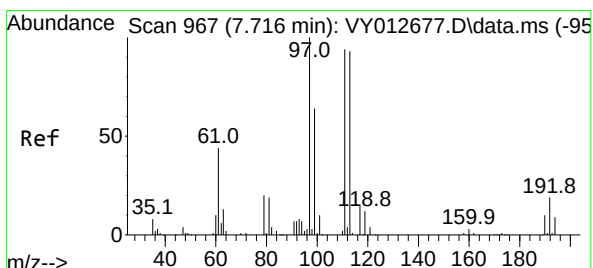
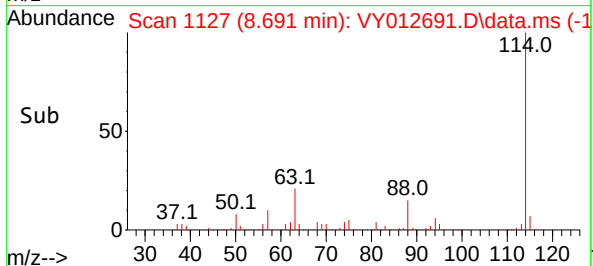
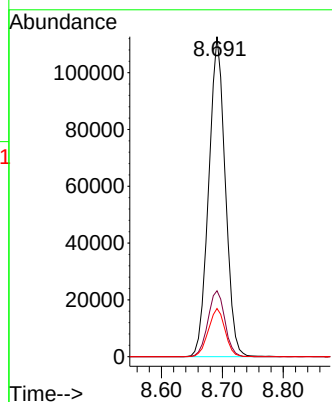
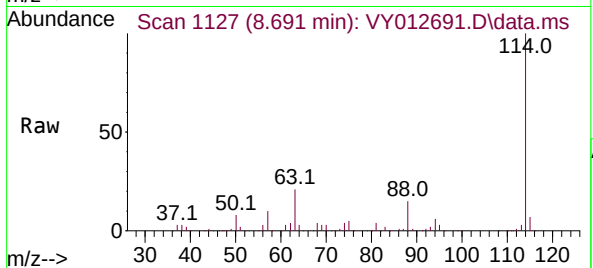
Tgt Ion:114 Resp: 212422

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 15.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.199 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012691.D

Acq: 22 Feb 2023 15:20

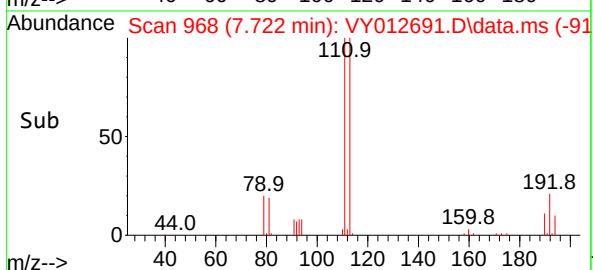
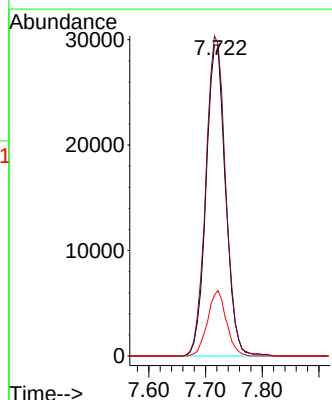
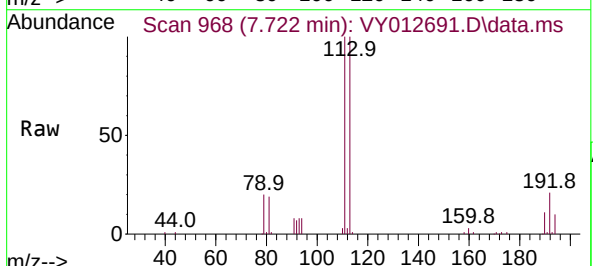
Tgt Ion:113 Resp: 70589

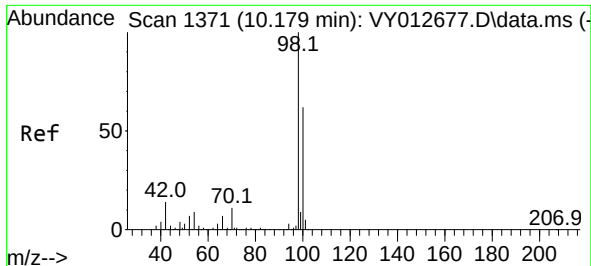
Ion Ratio Lower Upper

113 100

111 104.4 82.0 123.0

192 20.3 16.2 24.2

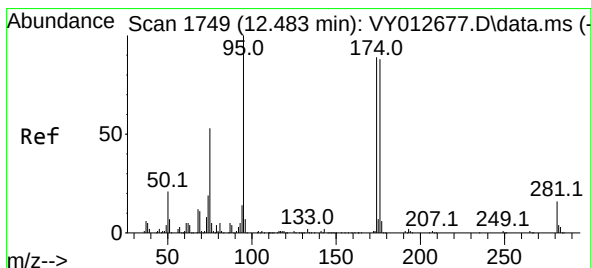
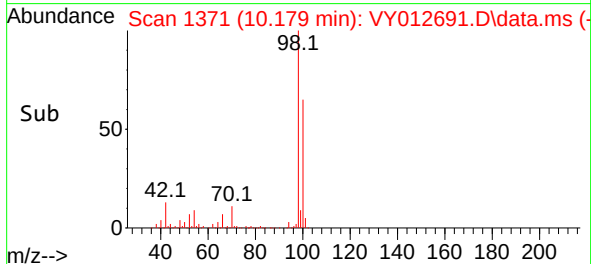
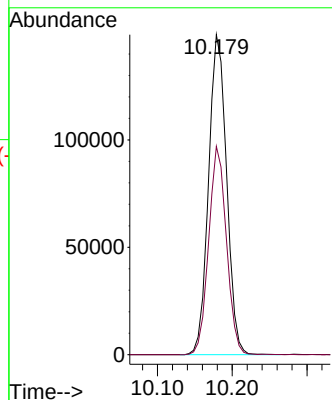
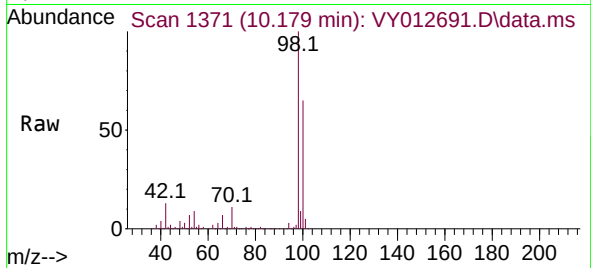




#50
Toluene-d8
Concen: 46.413 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012691.D
Acq: 22 Feb 2023 15:20

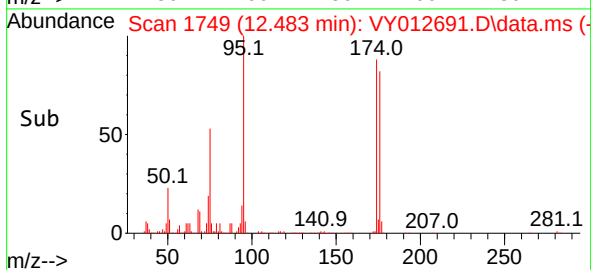
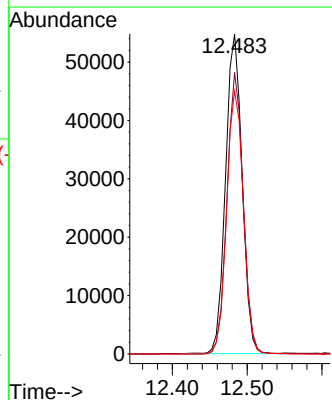
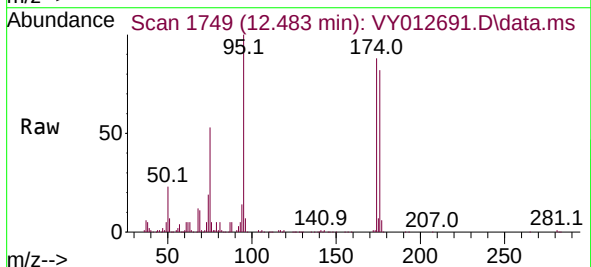
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

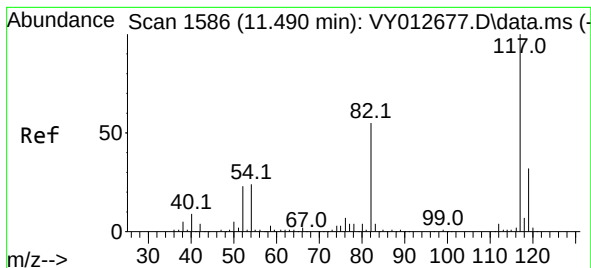
Tgt Ion: 98 Resp: 249481
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 49.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012691.D
Acq: 22 Feb 2023 15:20

Tgt Ion: 95 Resp: 84518
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.8
176 83.4 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012691.D

Acq: 22 Feb 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

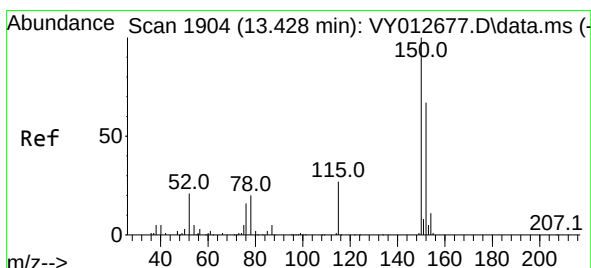
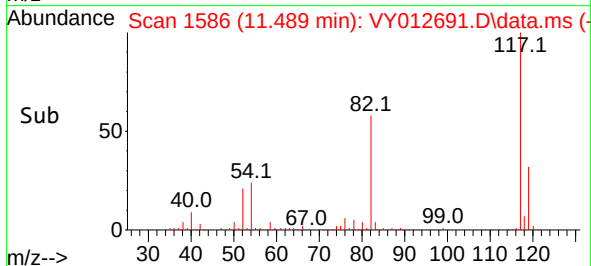
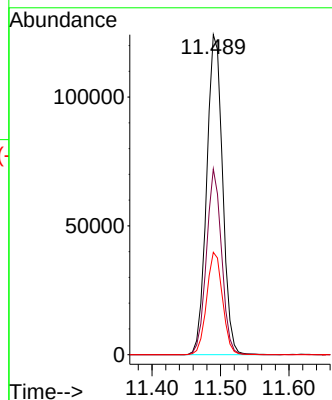
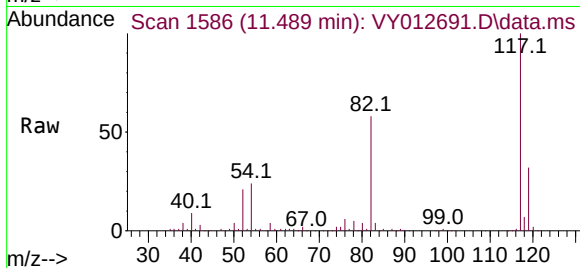
Tgt Ion:117 Resp: 200892

Ion Ratio Lower Upper

117 100

82 58.1 44.1 66.1

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012691.D

Acq: 22 Feb 2023 15:20

Tgt Ion:152 Resp: 88052

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.3

150 158.1 0.0 347.6

