

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017225.D
 Acq On : 05 Feb 2024 13:43
 Operator : SY/MD
 Sample : P1367-01
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-6-0-2

Quant Time: Feb 06 00:58:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

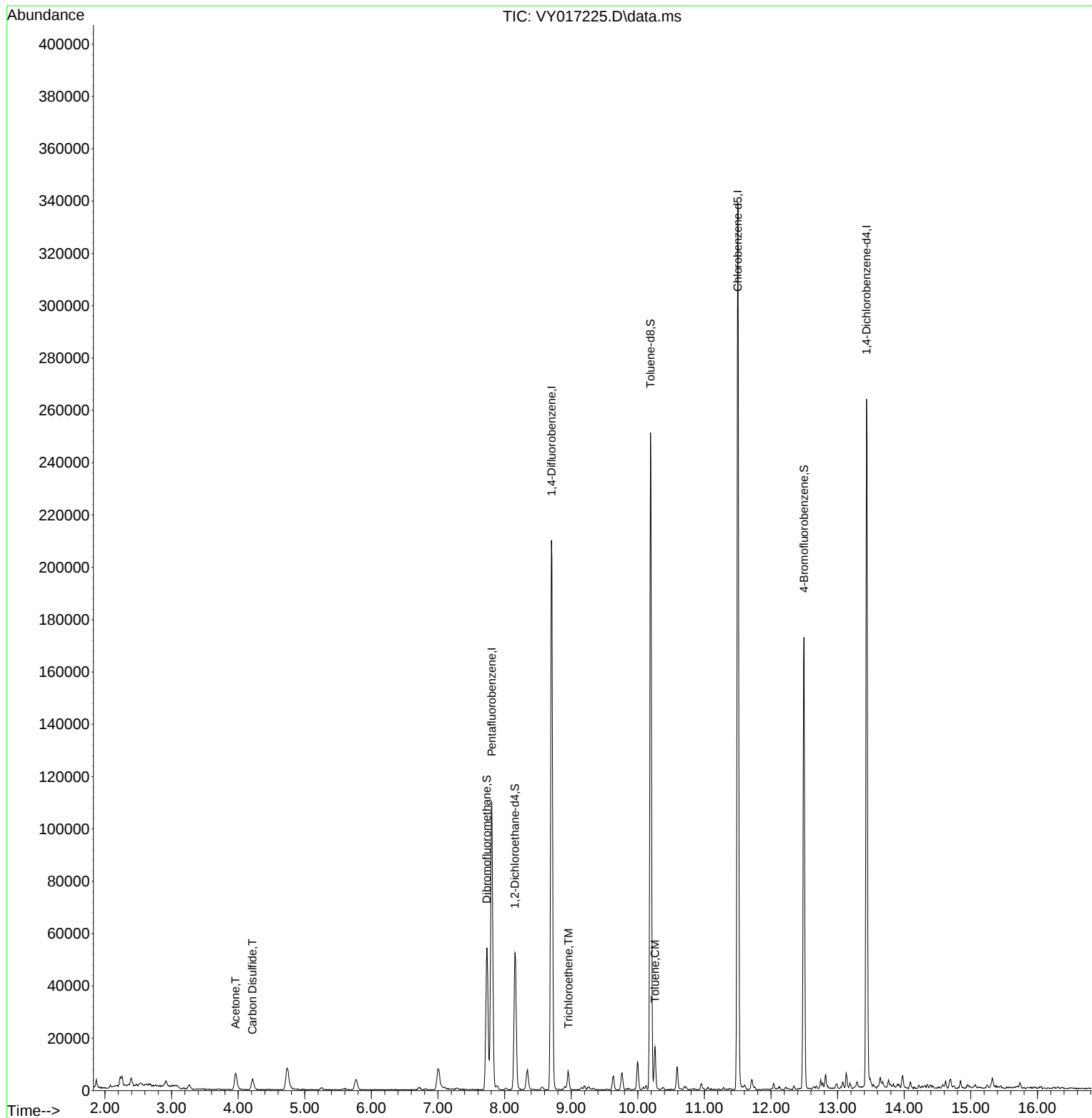
Internal Standards						
1) Pentafluorobenzene	7.807	168	84216	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	182249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	181272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	65472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	41071	54.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.734	113	39291	39.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.860%	
50) Toluene-d8	10.191	98	163449	45.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.240%	
62) 4-Bromofluorobenzene	12.495	95	51864	44.190	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.380%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	10947	49.507	ug/l	99
17) Carbon Disulfide	4.216	76	4845	1.859	ug/l	99
44) Trichloroethene	8.959	130	2303	1.872	ug/l	97
52) Toluene	10.258	92	6472	2.212	ug/l	98

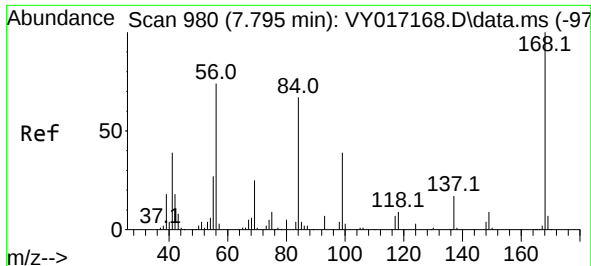
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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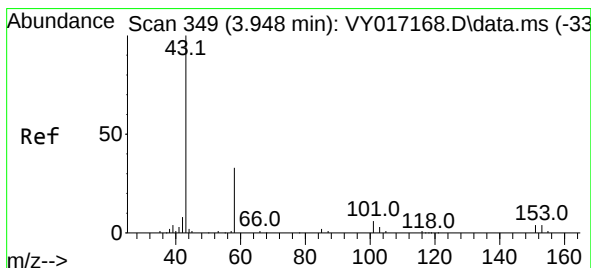
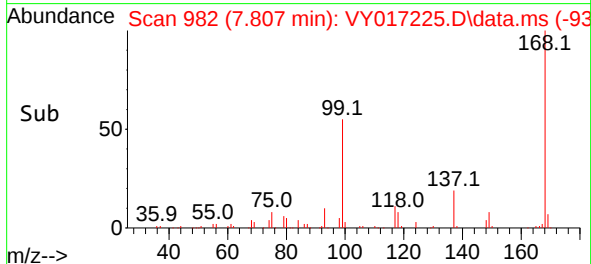
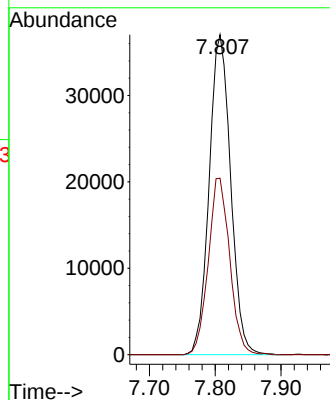
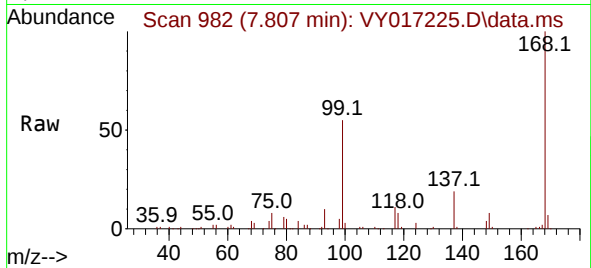




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017225.D
Acq: 05 Feb 2024 13:43

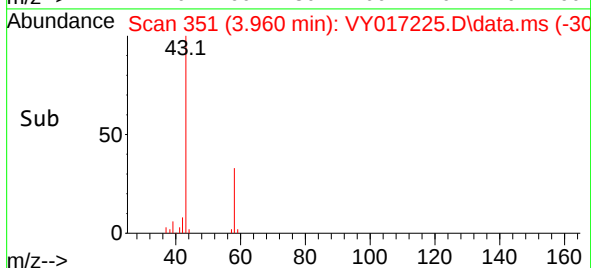
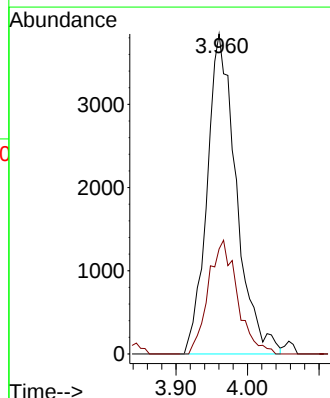
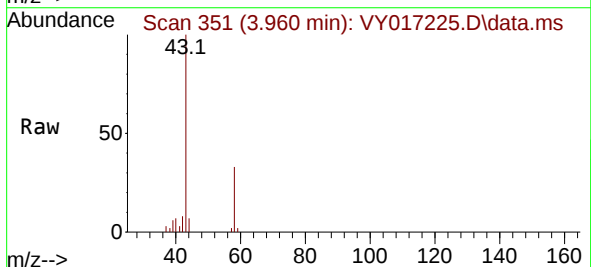
Instrument :
MSVOA_Y
ClientSampleId :
EB-6-0-2

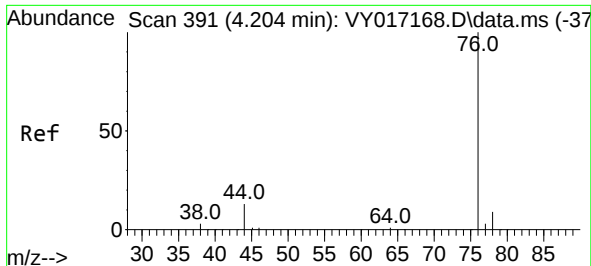
Tgt Ion:168 Resp: 84216
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#16
Acetone
Concen: 49.507 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017225.D
Acq: 05 Feb 2024 13:43

Tgt Ion: 43 Resp: 10947
Ion Ratio Lower Upper
43 100
58 32.8 26.6 39.8

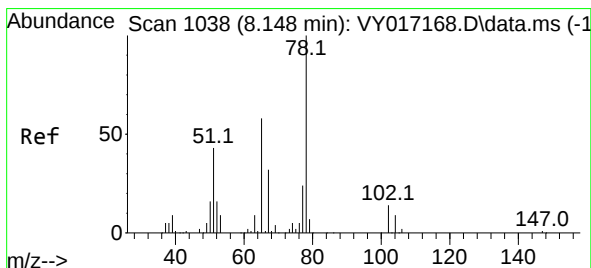
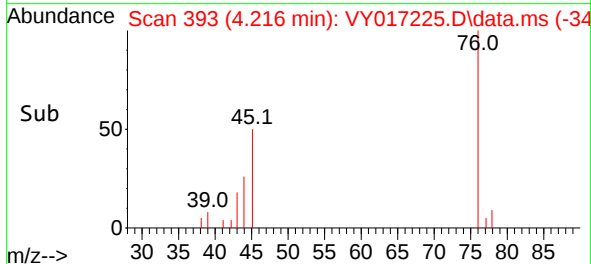
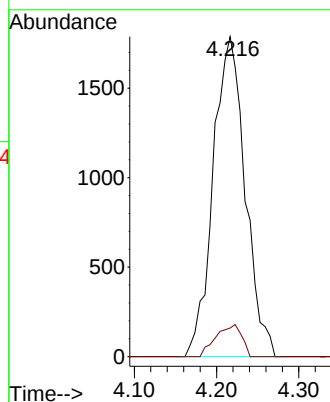
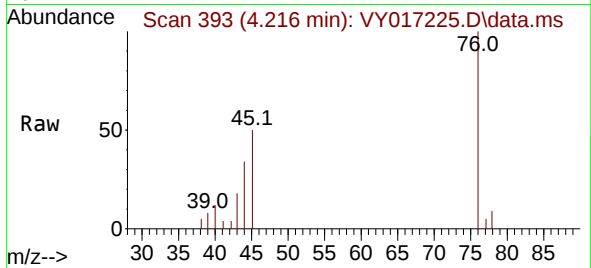




#17
Carbon Disulfide
Concen: 1.859 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017225.D
Acq: 05 Feb 2024 13:43

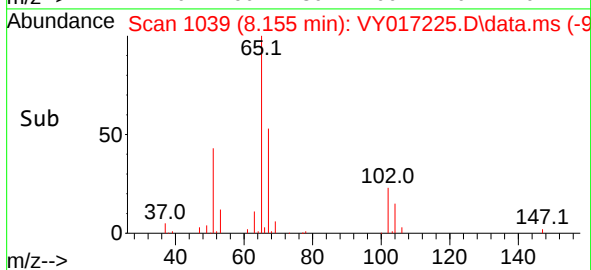
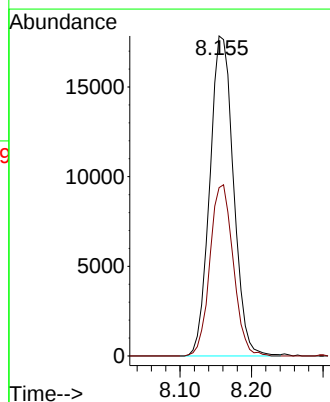
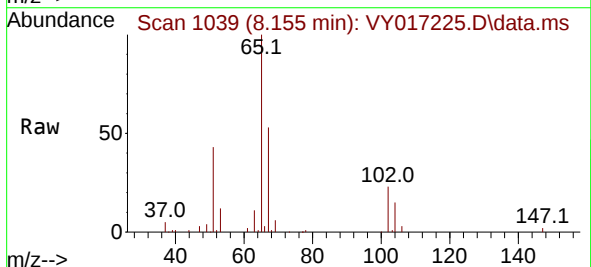
Instrument :
MSVOA_Y
ClientSampleId :
EB-6-0-2

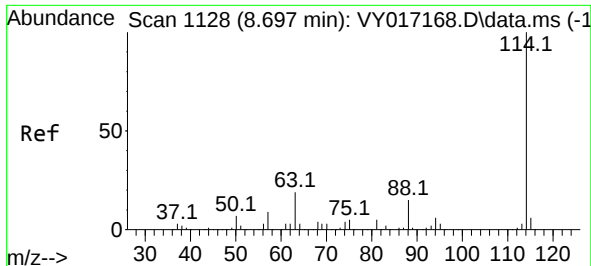
Tgt Ion: 76 Resp: 4845
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 54.591 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017225.D
Acq: 05 Feb 2024 13:43

Tgt Ion: 65 Resp: 41071
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017225.D

Acq: 05 Feb 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

EB-6-0-2

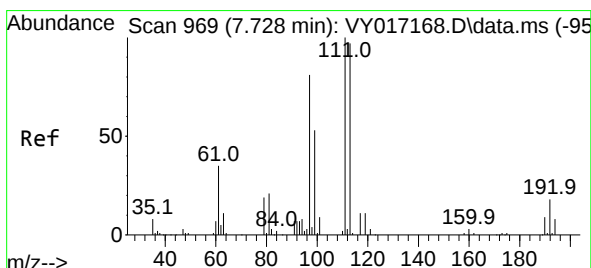
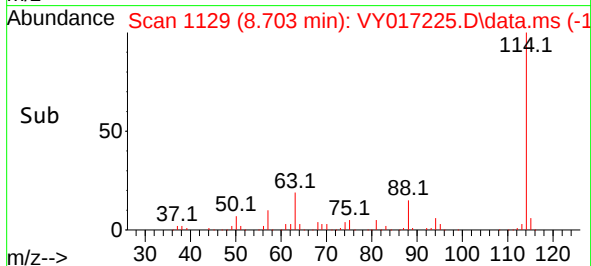
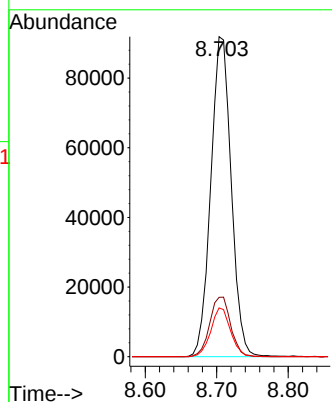
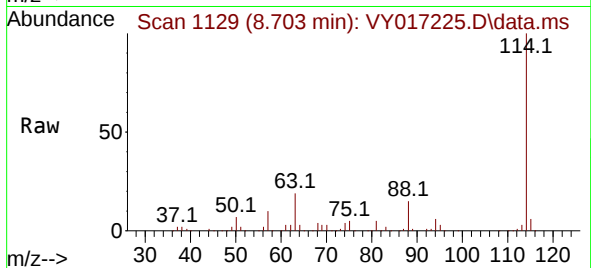
Tgt Ion:114 Resp: 182249

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.929 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017225.D

Acq: 05 Feb 2024 13:43

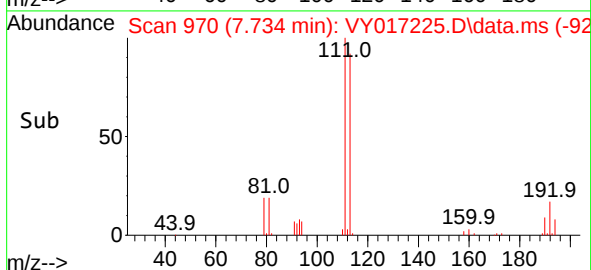
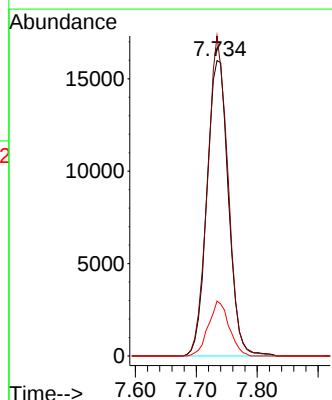
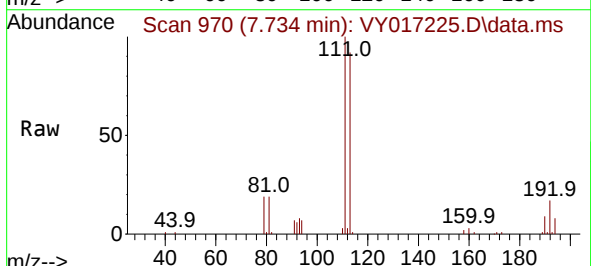
Tgt Ion:113 Resp: 39291

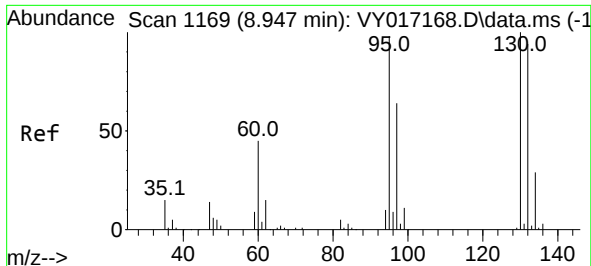
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.9 14.5 21.7





#44

Trichloroethene

Concen: 1.872 ug/l

RT: 8.959 min Scan# 1169

Delta R.T. 0.012 min

Lab File: VY017225.D

Acq: 05 Feb 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

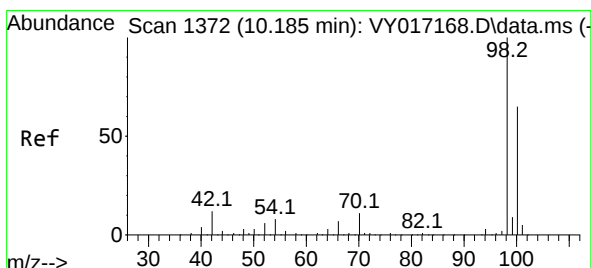
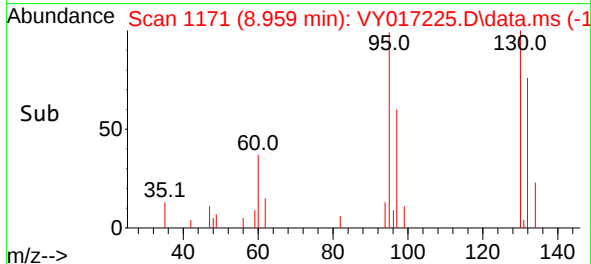
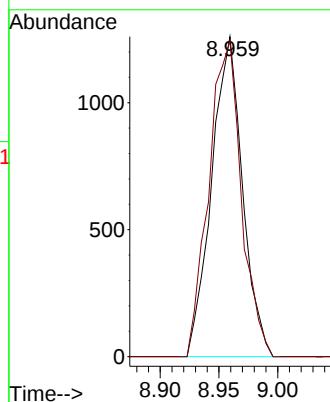
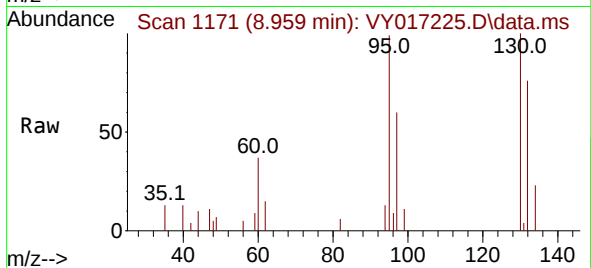
EB-6-0-2

Tgt Ion:130 Resp: 2303

Ion Ratio Lower Upper

130 100

95 98.7 0.0 203.8



#50

Toluene-d8

Concen: 45.621 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017225.D

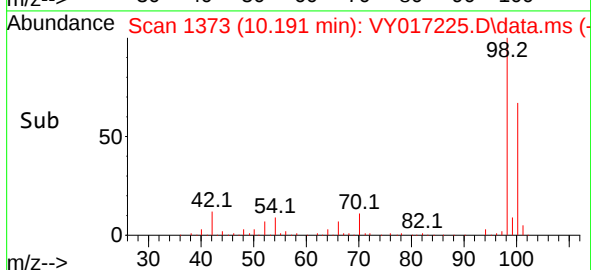
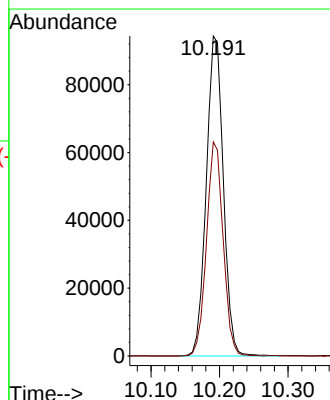
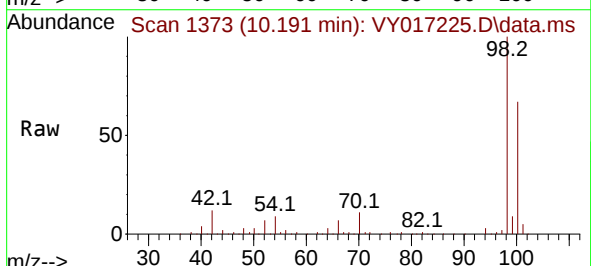
Acq: 05 Feb 2024 13:43

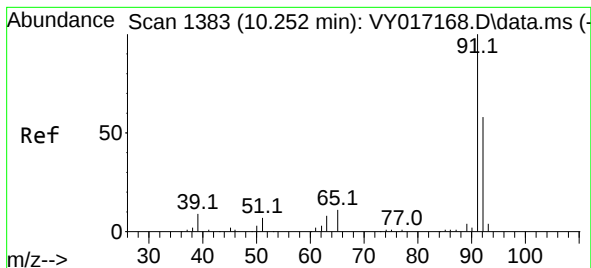
Tgt Ion: 98 Resp: 163449

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5





#52

Toluene

Concen: 2.212 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY017225.D

Acq: 05 Feb 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

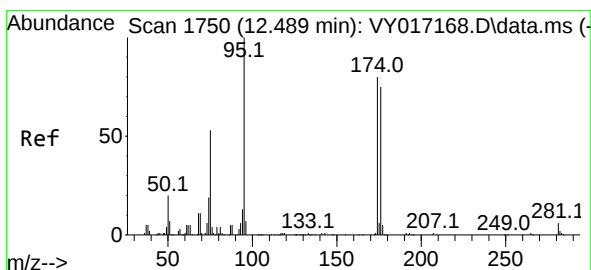
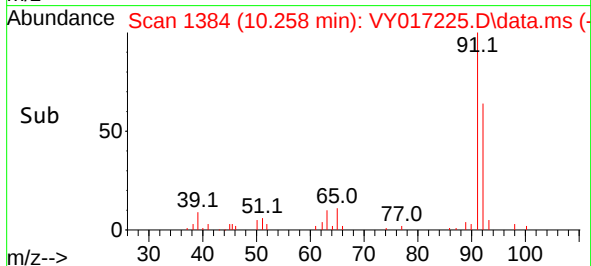
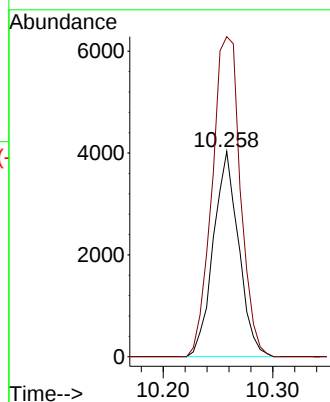
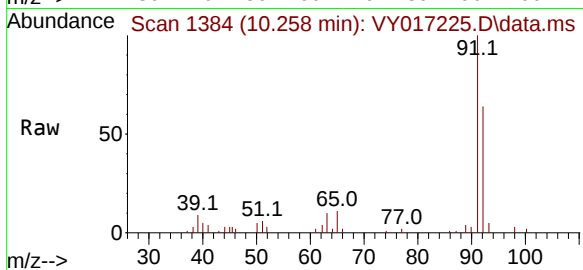
EB-6-0-2

Tgt Ion: 92 Resp: 6472

Ion Ratio Lower Upper

92 100

91 175.0 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 44.190 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017225.D

Acq: 05 Feb 2024 13:43

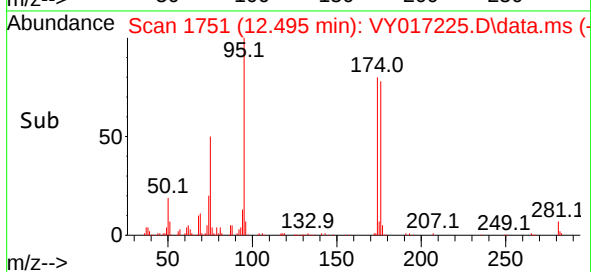
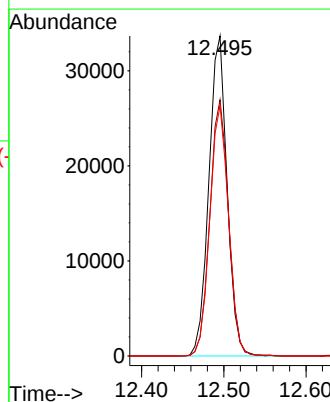
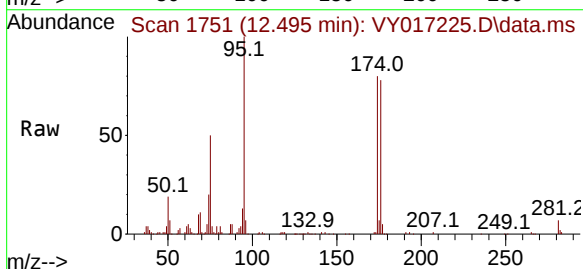
Tgt Ion: 95 Resp: 51864

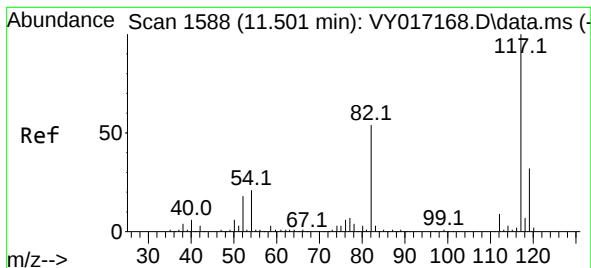
Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.0

176 80.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017225.D

Acq: 05 Feb 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

EB-6-0-2

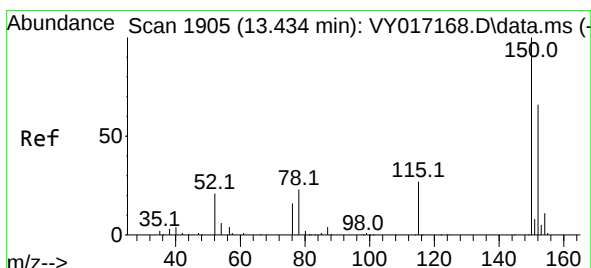
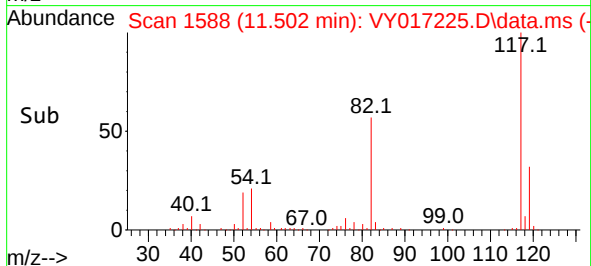
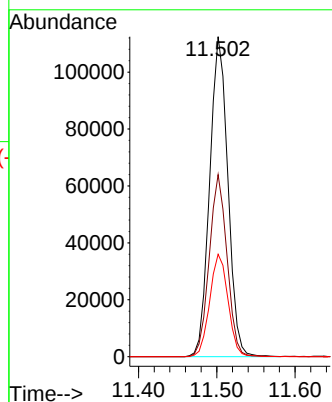
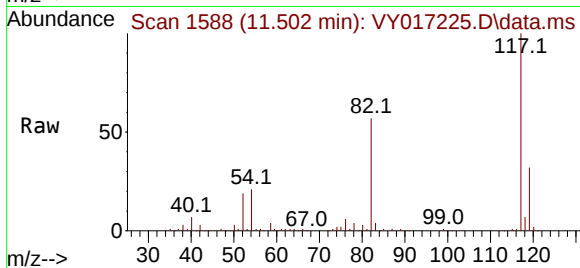
Tgt Ion:117 Resp: 181272

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017225.D

Acq: 05 Feb 2024 13:43

Tgt Ion:152 Resp: 65472

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 157.7 0.0 344.6

