

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017594.D
 Acq On : 06 Mar 2024 17:02
 Operator : SY/MD
 Sample : P1688-03
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Mar 07 02:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	109294	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	197606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	56491	54.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.080%
35) Dibromofluoromethane	7.716	113	65514	47.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.179	98	225103	46.756	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.483	95	60295	39.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.700%

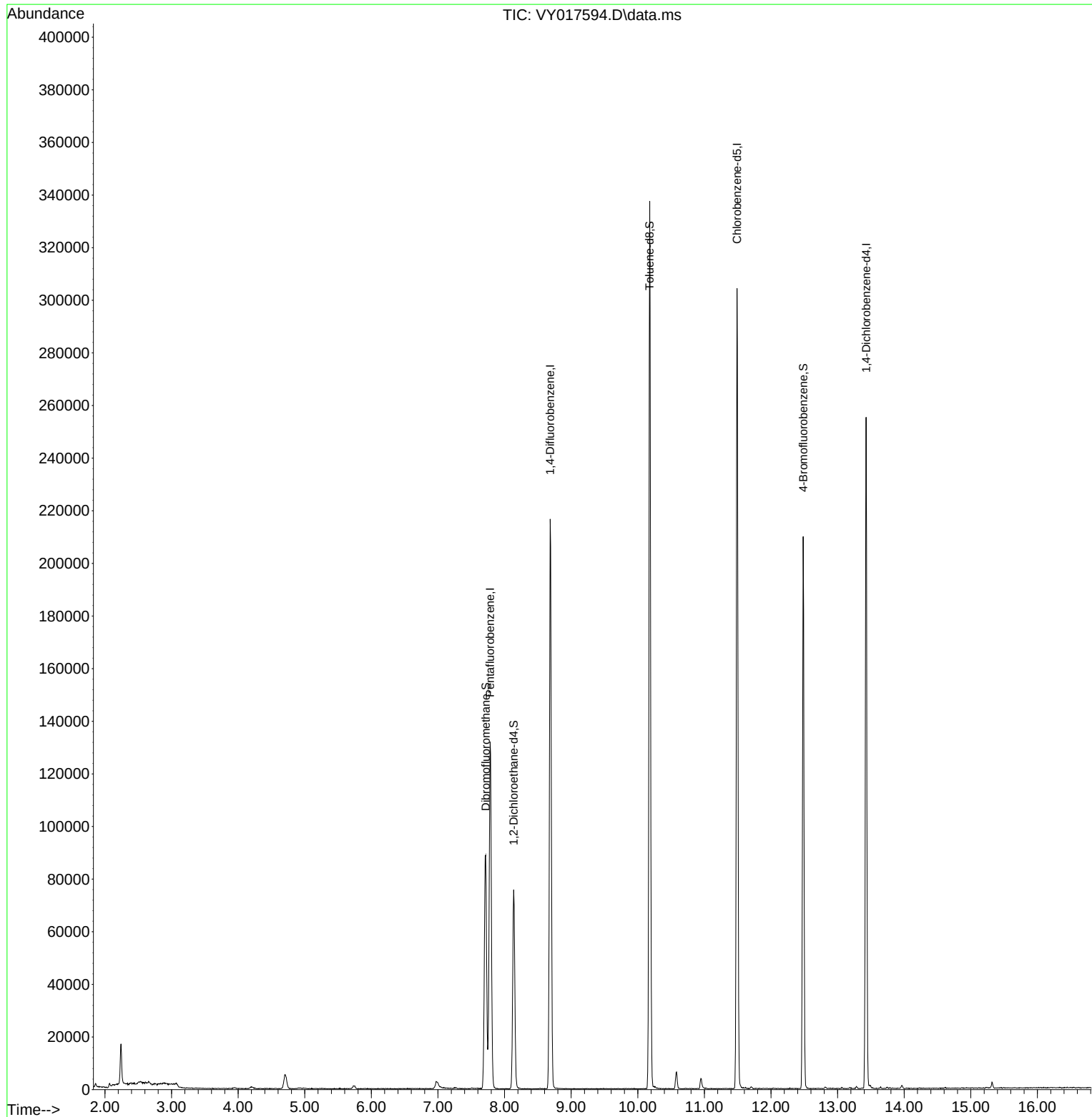
Target Compounds	Qvalue

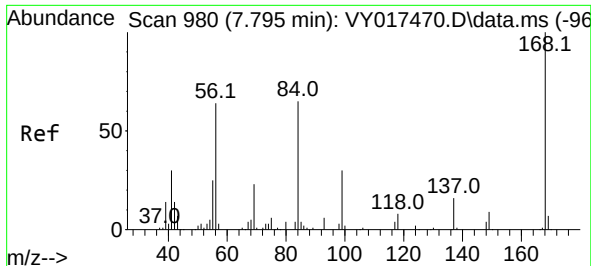
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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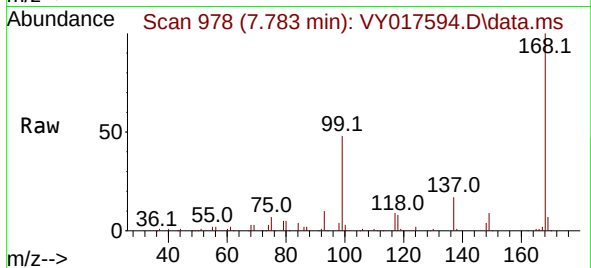
Quant Time: Mar 07 02:09:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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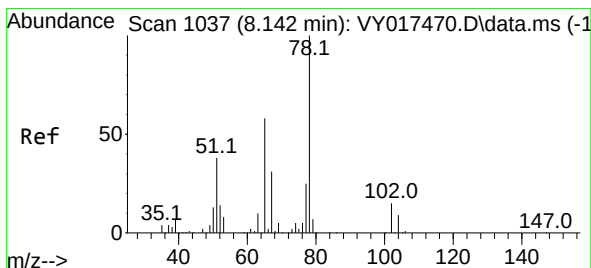
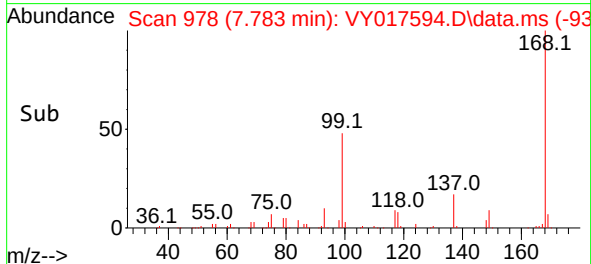
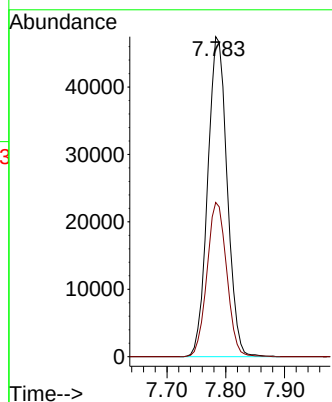


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017594.D
Acq: 06 Mar 2024 17:02

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

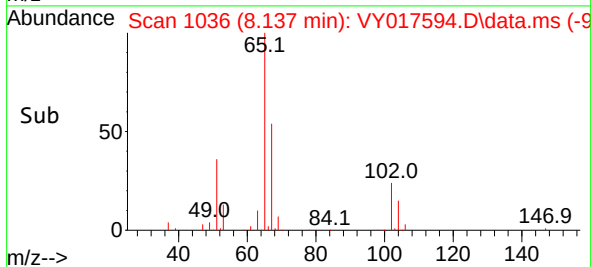
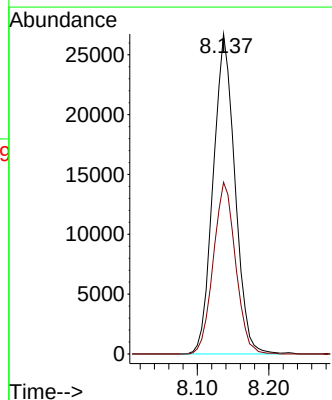
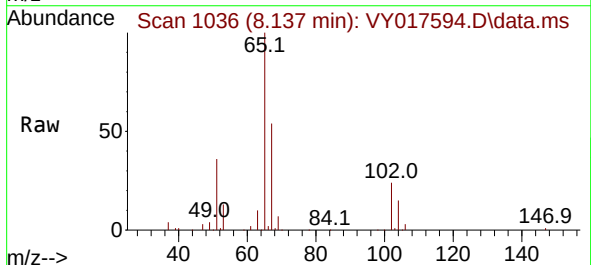


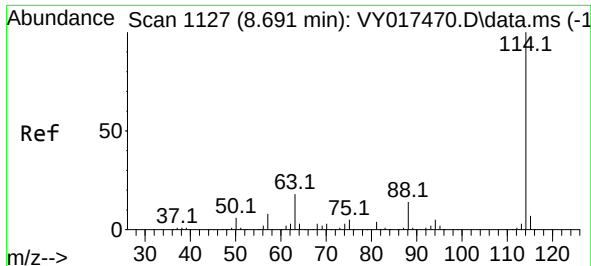
Tgt Ion:168 Resp: 109294
Ion Ratio Lower Upper
168 100
99 48.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.538 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017594.D
Acq: 06 Mar 2024 17:02

Tgt Ion: 65 Resp: 56491
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017594.D

Acq: 06 Mar 2024 17:02

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

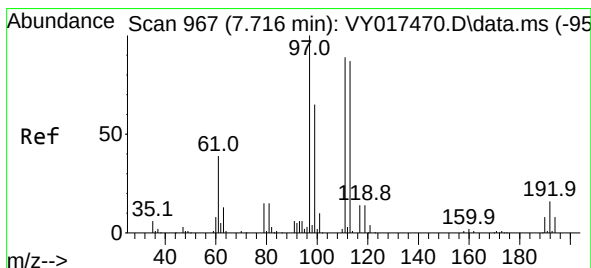
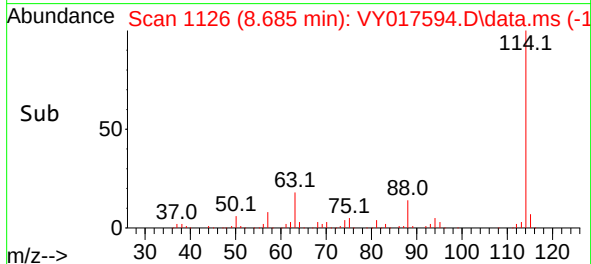
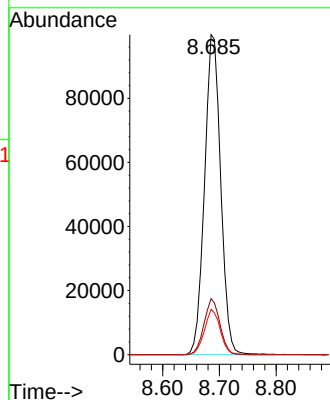
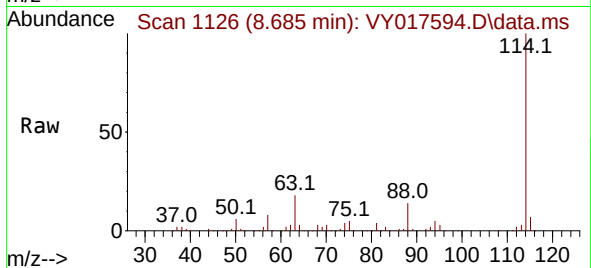
Tgt Ion:114 Resp: 197606

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.578 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017594.D

Acq: 06 Mar 2024 17:02

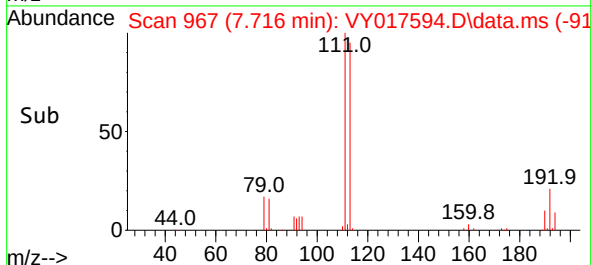
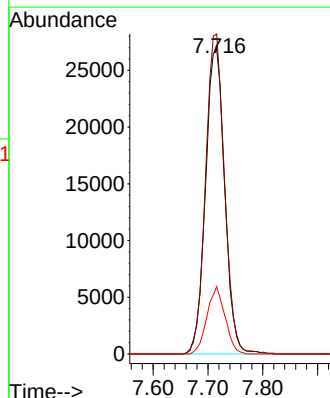
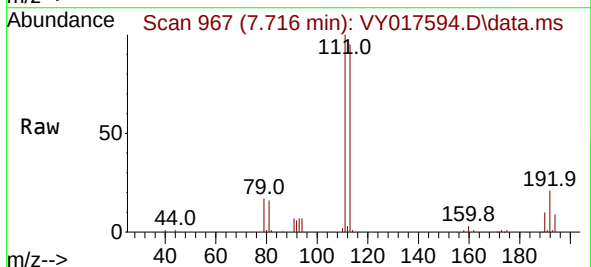
Tgt Ion:113 Resp: 65514

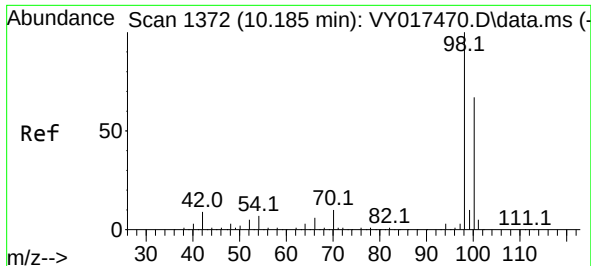
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 20.7 15.9 23.9

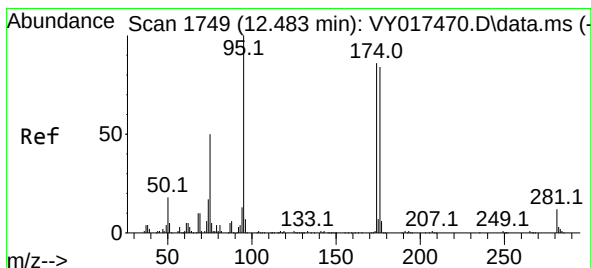
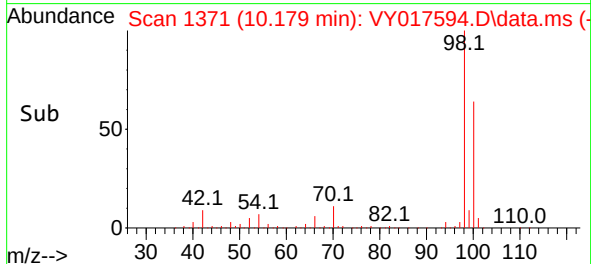
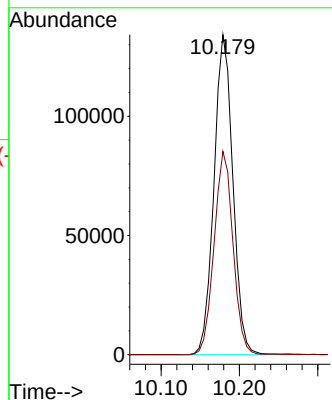
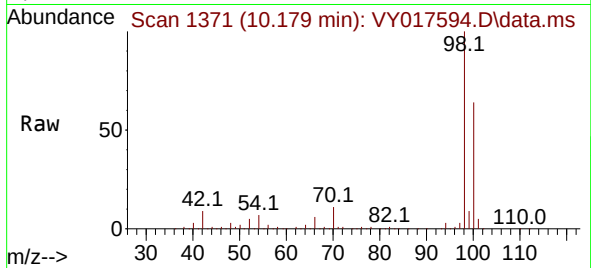




#50
Toluene-d8
Concen: 46.756 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017594.D
Acq: 06 Mar 2024 17:02

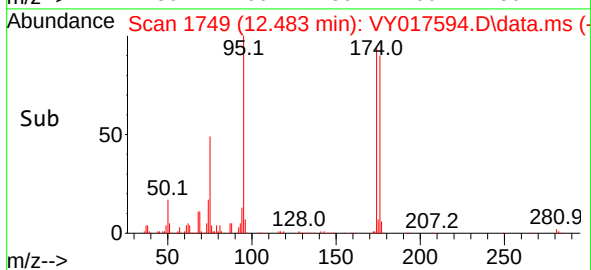
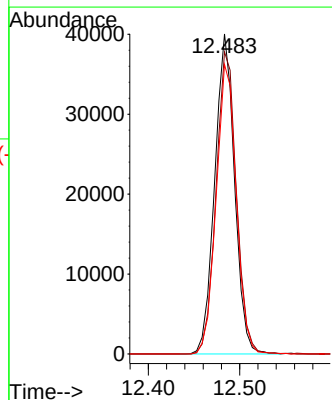
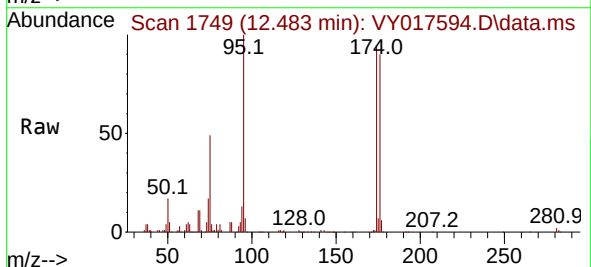
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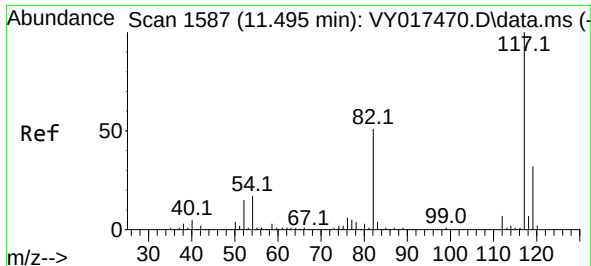
Tgt Ion: 98 Resp: 225103
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.850 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017594.D
Acq: 06 Mar 2024 17:02

Tgt Ion: 95 Resp: 60295
Ion Ratio Lower Upper
95 100
174 96.9 0.0 175.6
176 91.9 0.0 171.4

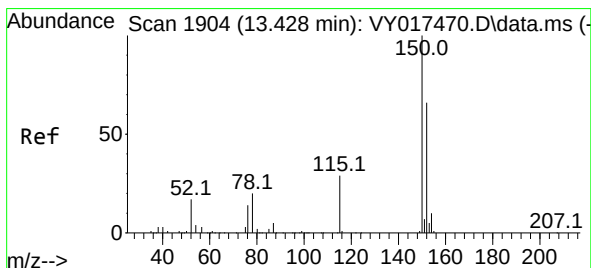
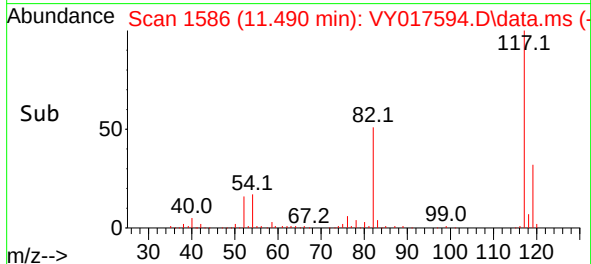
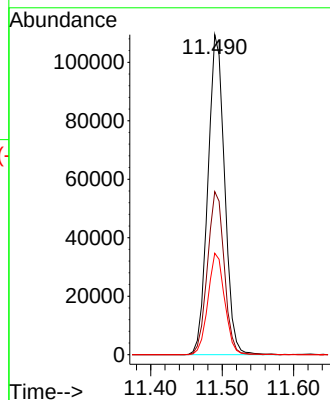
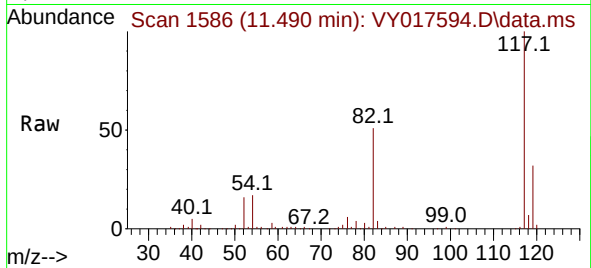




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017594.D
Acq: 06 Mar 2024 17:02

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 177357
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017594.D
Acq: 06 Mar 2024 17:02

Tgt Ion:152 Resp: 69102
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 156.2 0.0 345.6

