

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017226.D
 Acq On : 05 Feb 2024 14:06
 Operator : SY/MD
 Sample : P1367-05
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-6-7-9

Quant Time: Feb 06 00:59:27 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	83150	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	179175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	182335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	39628	53.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.700%
35) Dibromofluoromethane	7.734	113	42217	43.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.280%
50) Toluene-d8	10.191	98	157490	44.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.489	95	53217	46.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.240%

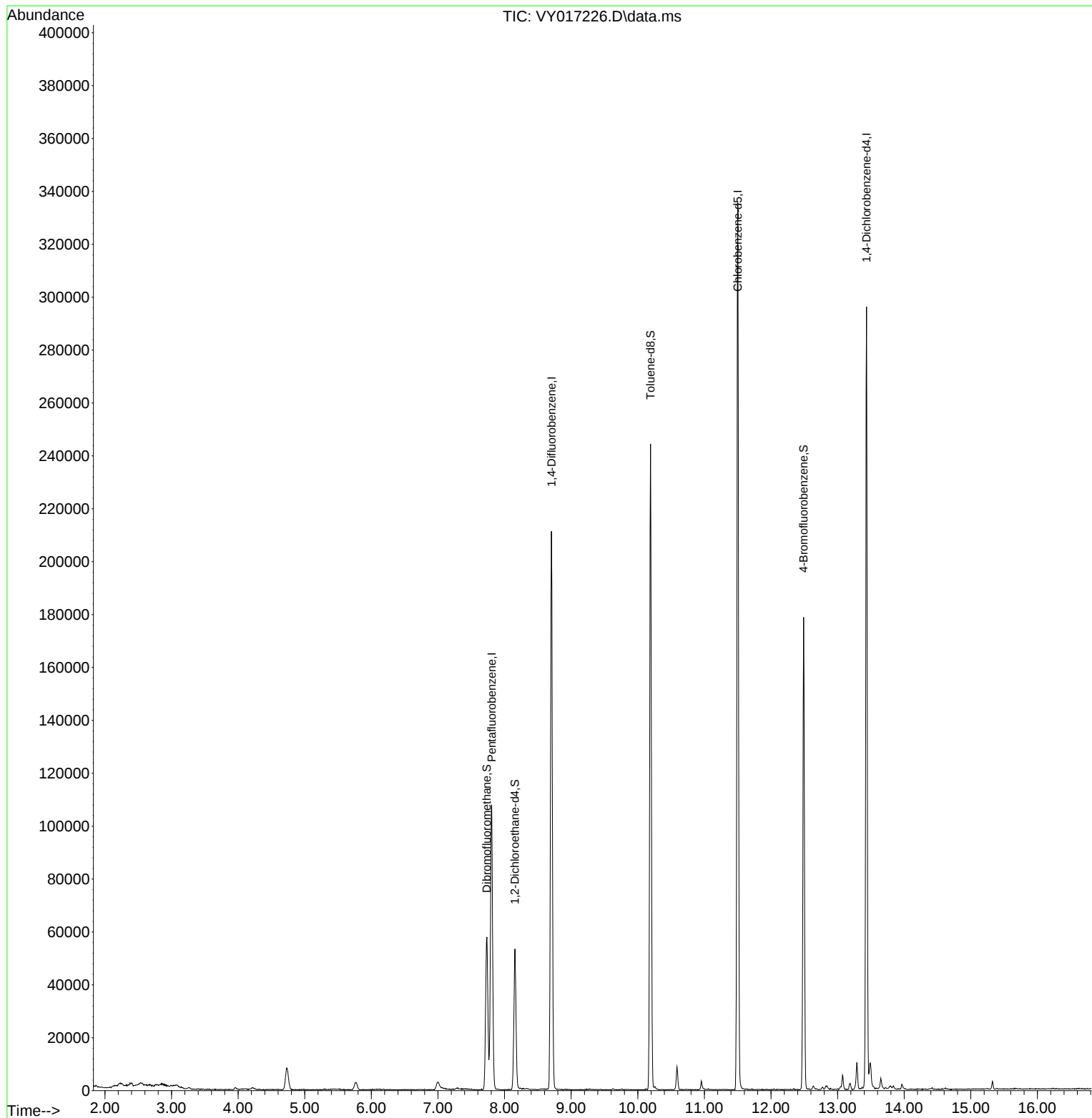
Target Compounds	Qvalue

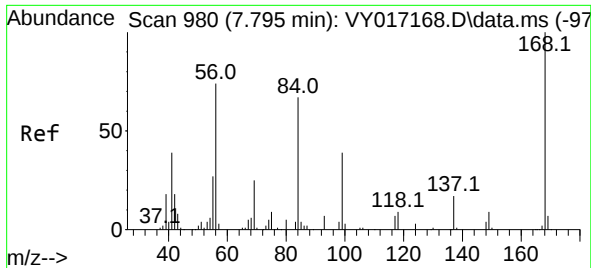
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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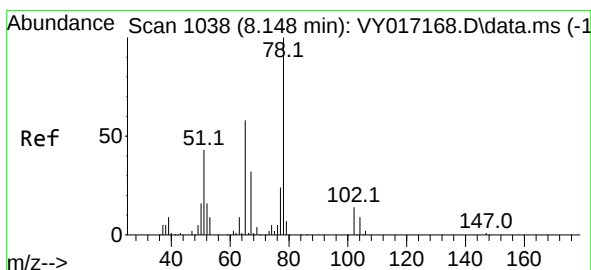
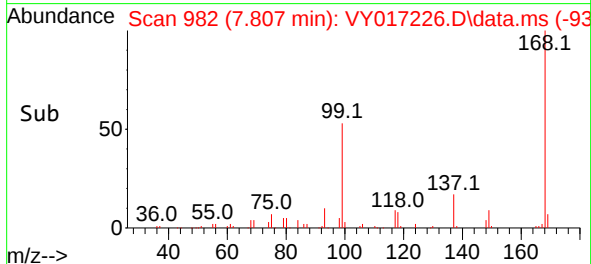
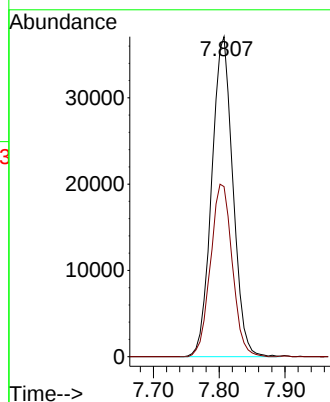
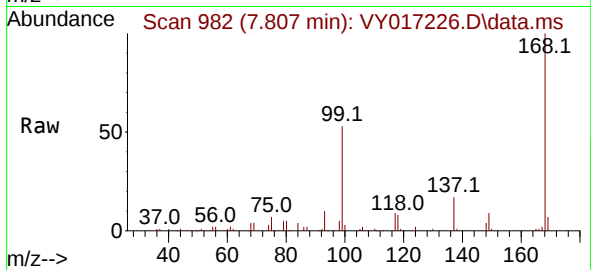




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

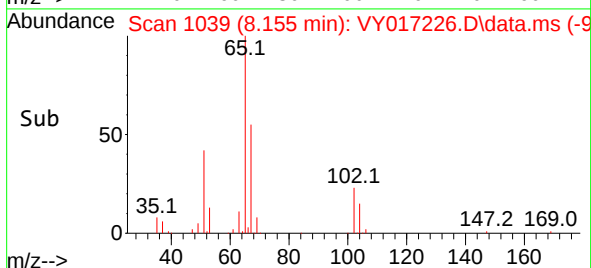
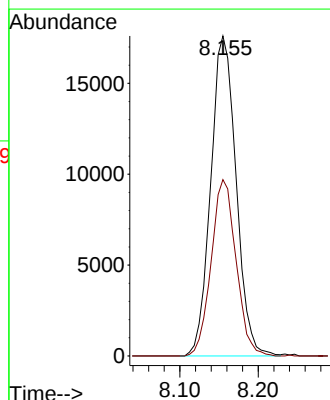
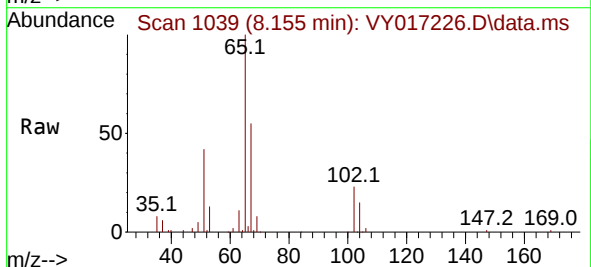
Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9

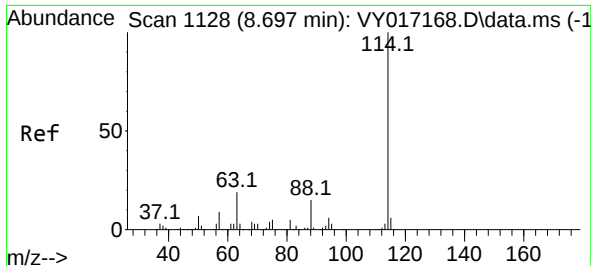
Tgt Ion:168 Resp: 83150
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.349 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Tgt Ion: 65 Resp: 39628
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY017226.D

Acq: 05 Feb 2024 14:06

Instrument :

MSVOA_Y

ClientSampleId :

EB-6-7-9

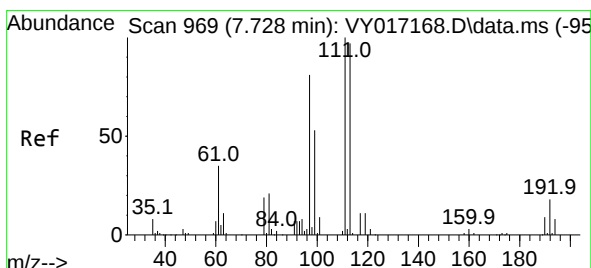
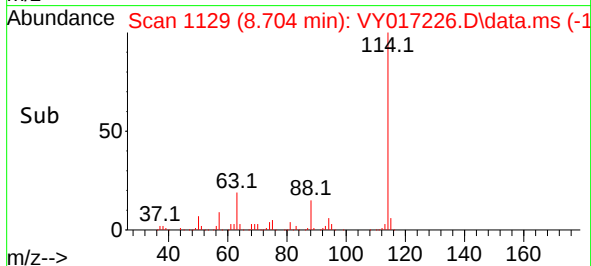
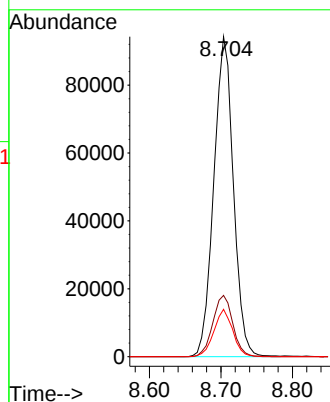
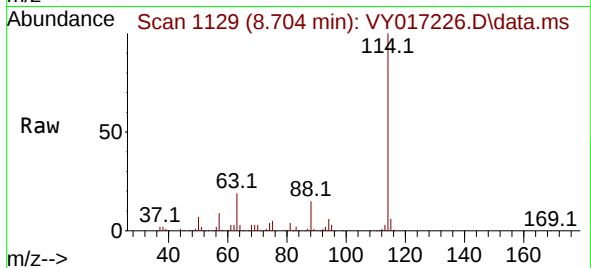
Tgt Ion:114 Resp: 179175

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.638 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.007 min

Lab File: VY017226.D

Acq: 05 Feb 2024 14:06

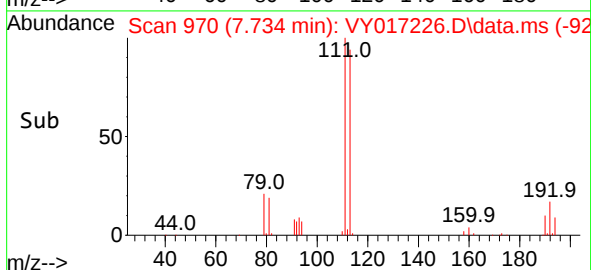
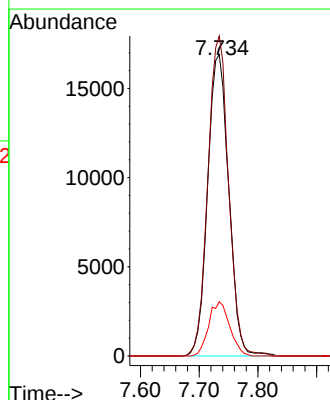
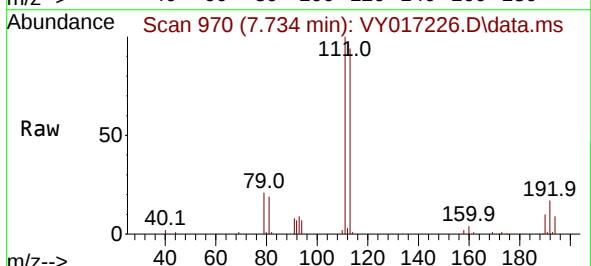
Tgt Ion:113 Resp: 42217

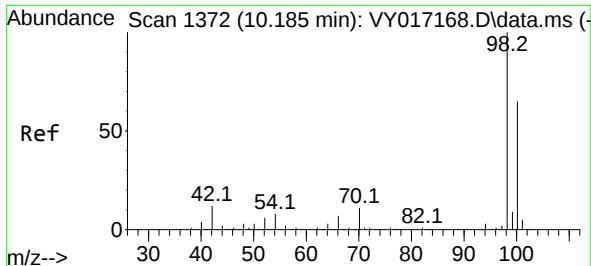
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.9 14.5 21.7

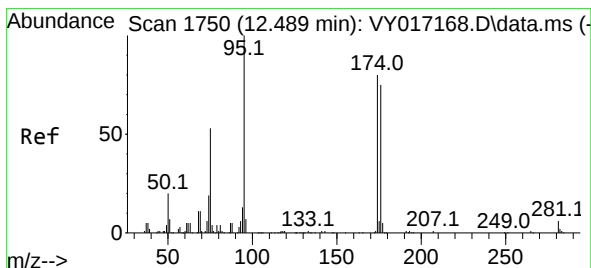
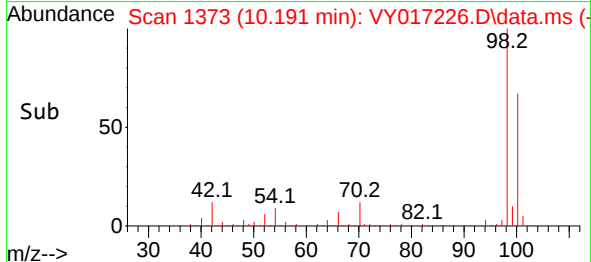
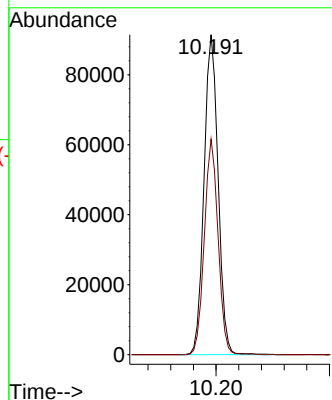
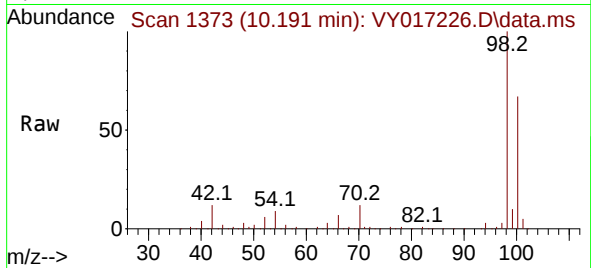




#50
Toluene-d8
Concen: 44.712 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

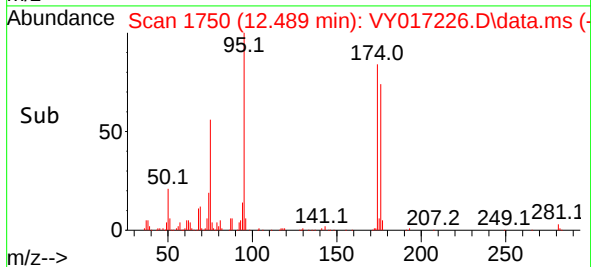
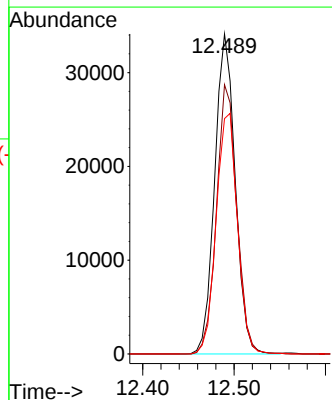
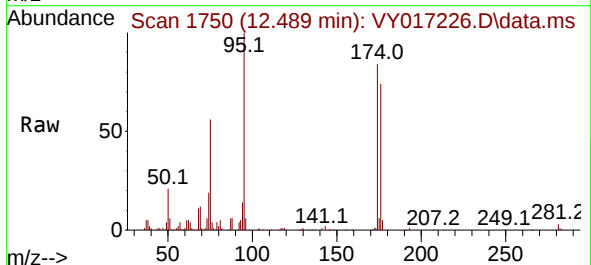
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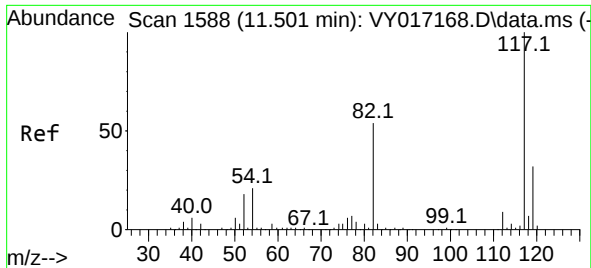
Tgt Ion: 98 Resp: 157490
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.121 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Tgt Ion: 95 Resp: 53217
Ion Ratio Lower Upper
95 100
174 83.2 0.0 160.0
176 78.2 0.0 151.8

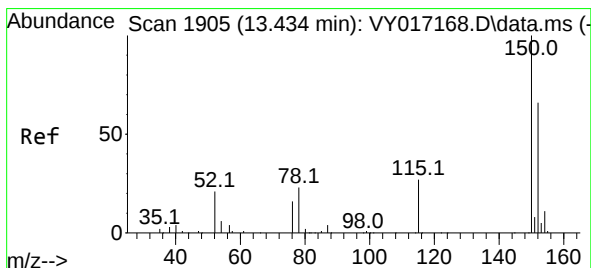
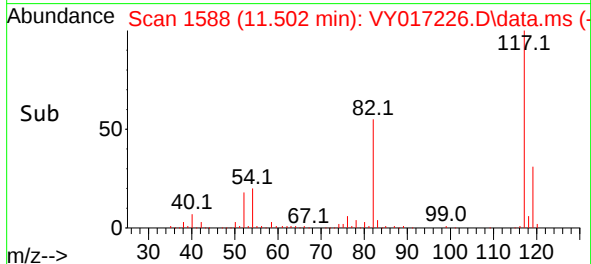
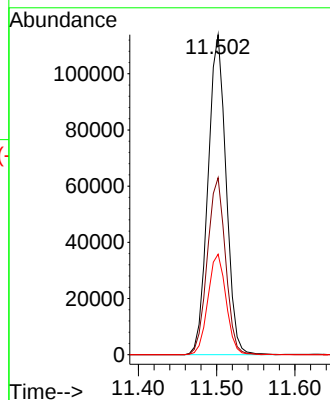
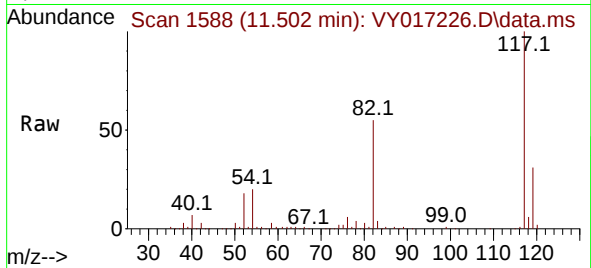




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9

Tgt Ion:117 Resp: 182335
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.4 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: VY017226.D
Acq: 05 Feb 2024 14:06

Tgt Ion:152 Resp: 72219
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 159.8 0.0 344.6

