

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017574.D
 Acq On : 05 Mar 2024 16:18
 Operator : SY/MD
 Sample : P1674-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2BRE

Quant Time: Mar 05 22:06:10 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	7.795	168	428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	336	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	214	52.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.520%	
35) Dibromofluoromethane	7.734	113	138	29.123	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 58.240%	
50) Toluene-d8	10.191	98	618	37.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 74.600%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	= 0.000%#	

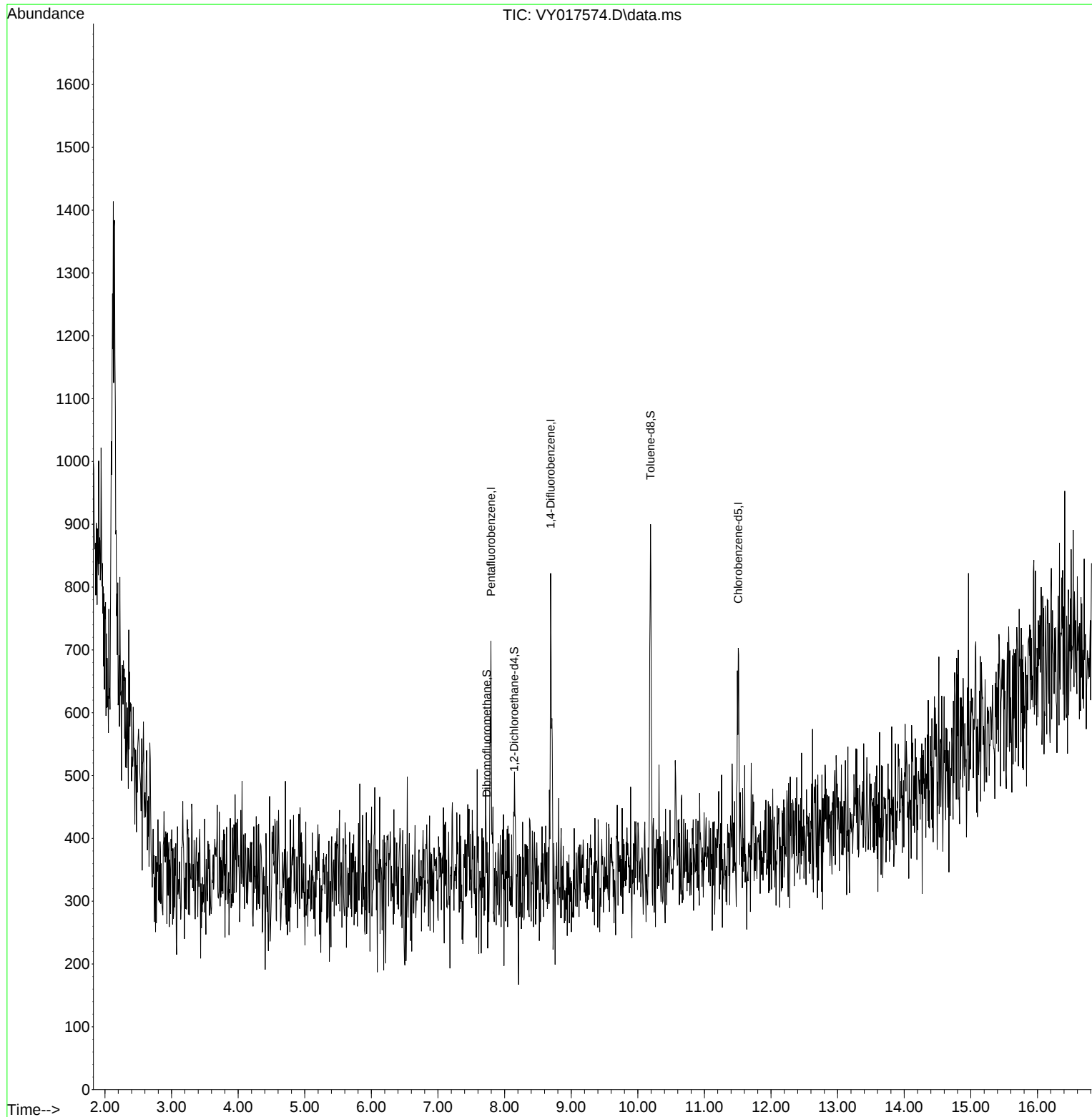
Target Compounds Qvalue

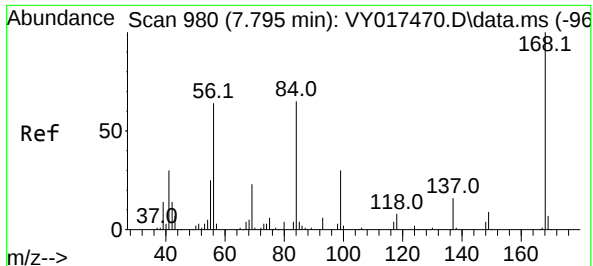
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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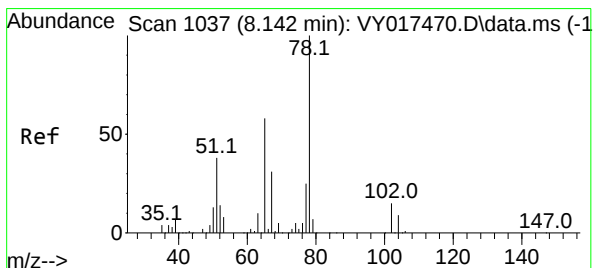
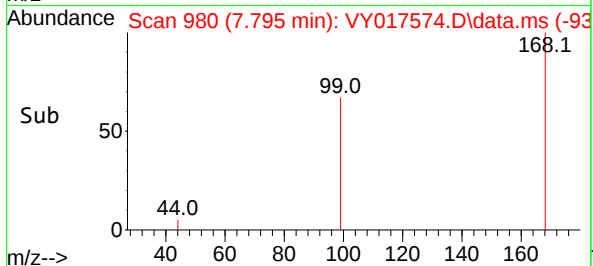
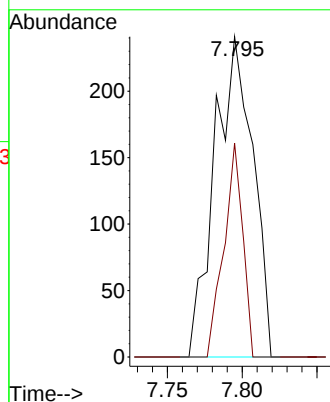
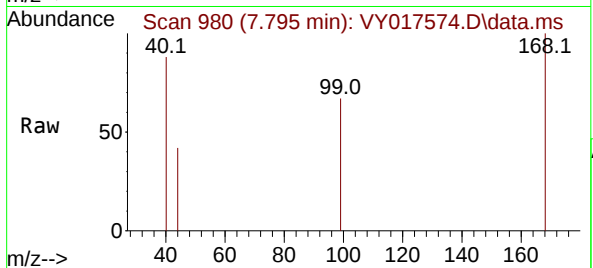




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017574.D
Acq: 05 Mar 2024 16:18

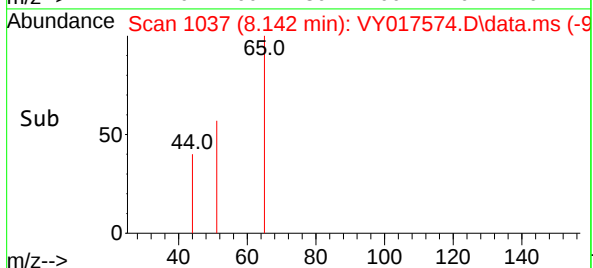
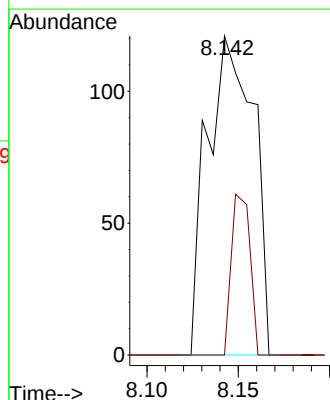
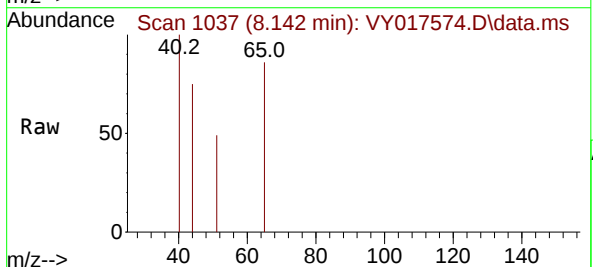
Instrument :
MSVOA_Y
ClientSampleId :
2BRE

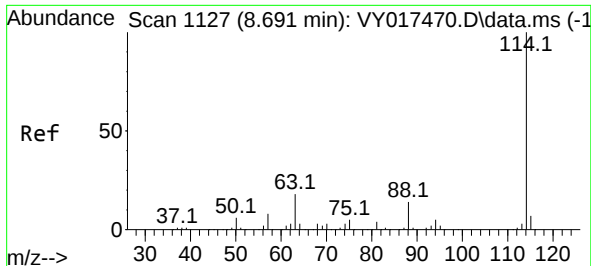
Tgt Ion:168 Resp: 428
Ion Ratio Lower Upper
168 100
99 66.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 52.758 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017574.D
Acq: 05 Mar 2024 16:18

Tgt Ion: 65 Resp: 214
Ion Ratio Lower Upper
65 100
67 20.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017574.D

Acq: 05 Mar 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

2BRE

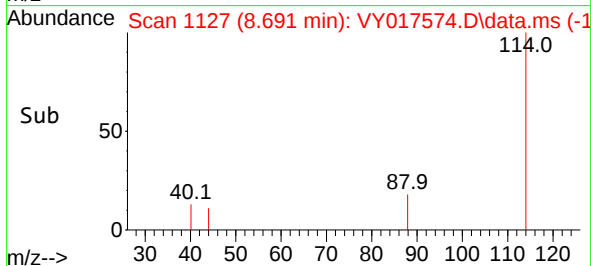
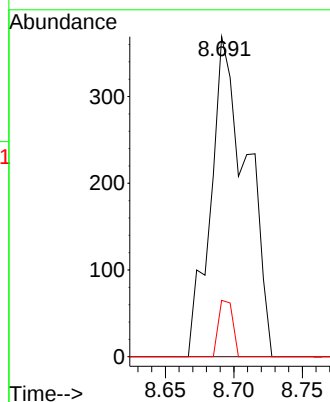
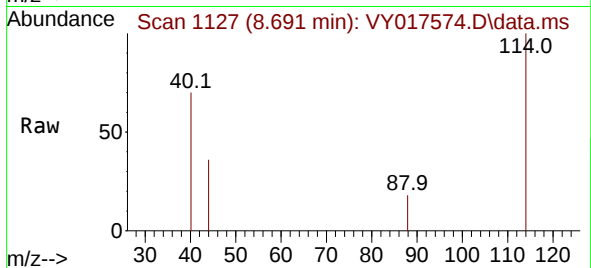
Tgt Ion:114 Resp: 680

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.0

88 17.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 29.123 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017574.D

Acq: 05 Mar 2024 16:18

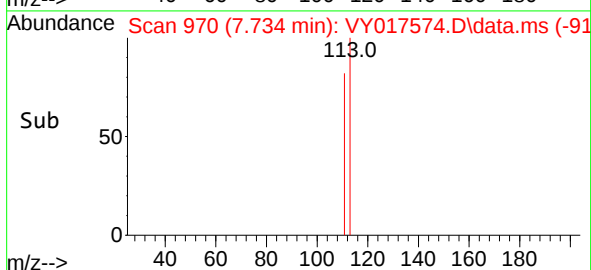
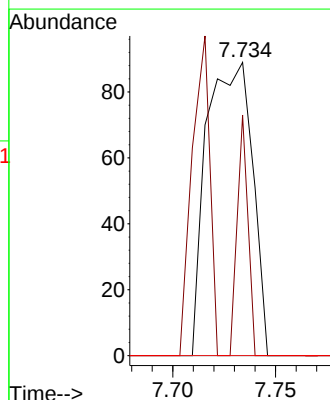
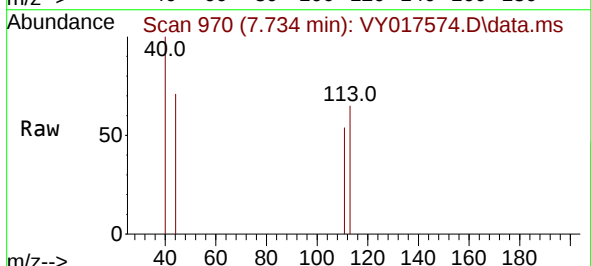
Tgt Ion:113 Resp: 138

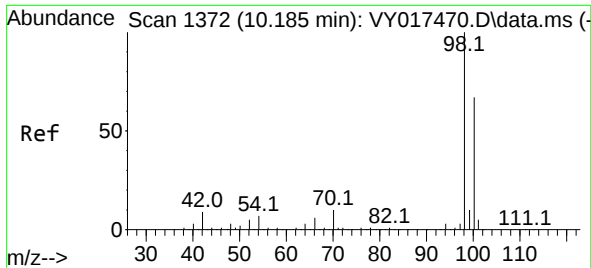
Ion Ratio Lower Upper

113 100

111 19.6 82.2 123.4#

192 0.0 15.9 23.9#

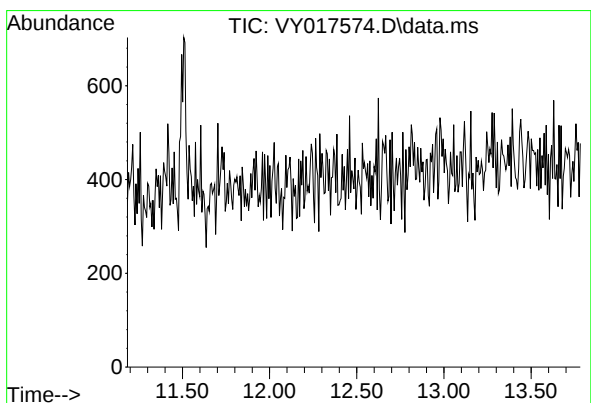
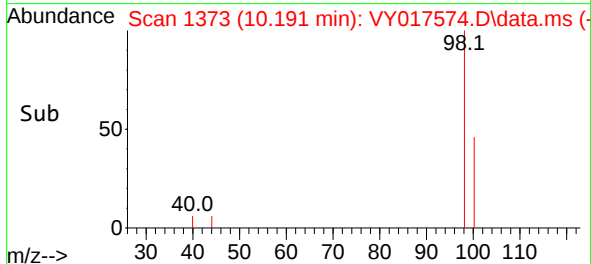
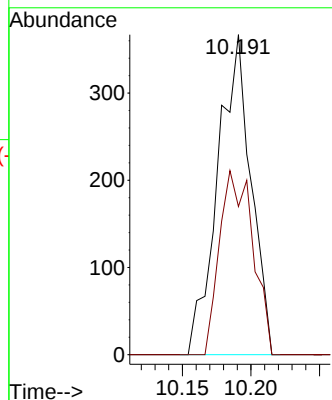
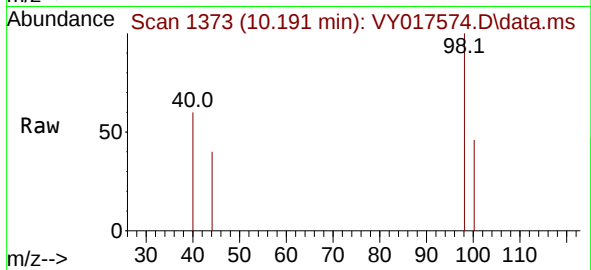




#50
Toluene-d8
Concen: 37.302 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017574.D
Acq: 05 Mar 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :
2BRE

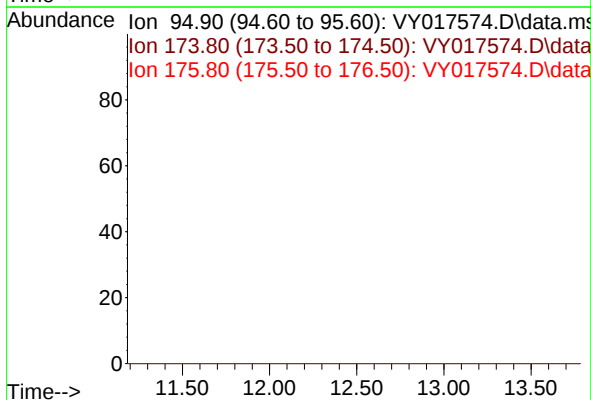
Tgt Ion: 98 Resp: 618
Ion Ratio Lower Upper
98 100
100 57.6 52.0 78.0

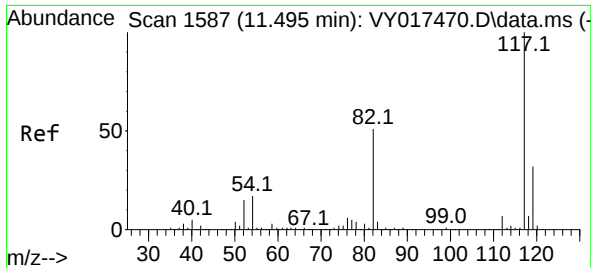


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY017574.D
Acq: 05 Mar 2024 16:18

Tgt Ion: 95
Sig Exp Ratio
95 100
174 87.8
176 85.7

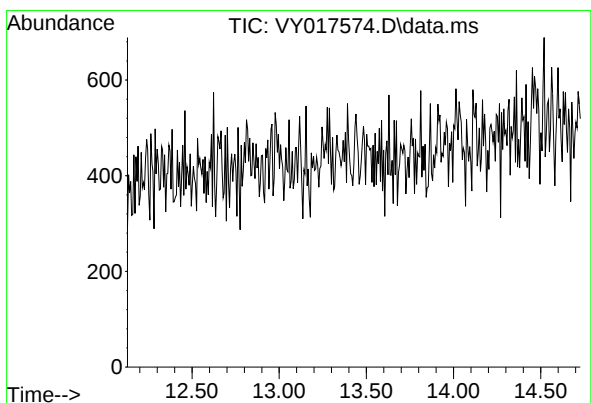
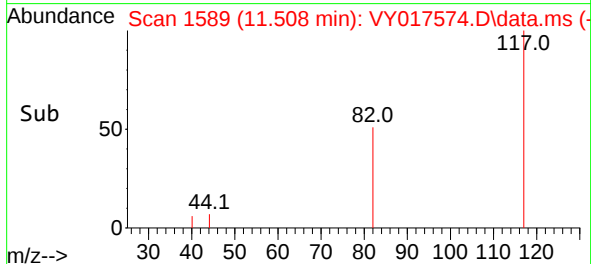
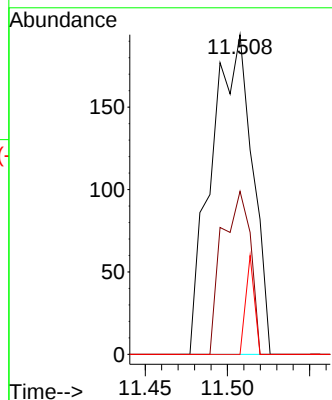
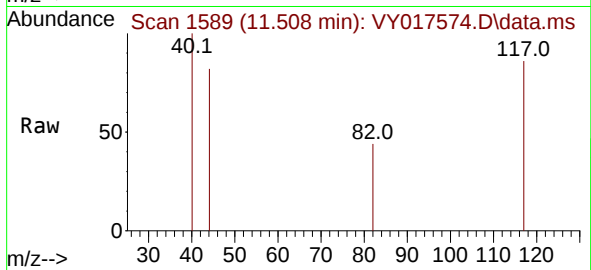




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017574.D
Acq: 05 Mar 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :
2BRE

Tgt Ion:117 Resp: 336
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 0.0 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY017574.D
Acq: 05 Mar 2024 16:18

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 172.8

