

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019395.D
 Acq On : 30 Aug 2024 15:03
 Operator : SY/MD
 Sample : P3758-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEW-14

Quant Time: Aug 30 16:20:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	149581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	255571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	226598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	69091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	74150	52.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.680%
35) Dibromofluoromethane	7.628	113	77591	48.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.040%
50) Toluene-d8	10.109	98	289351	48.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.408	95	86369	44.894	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.780%

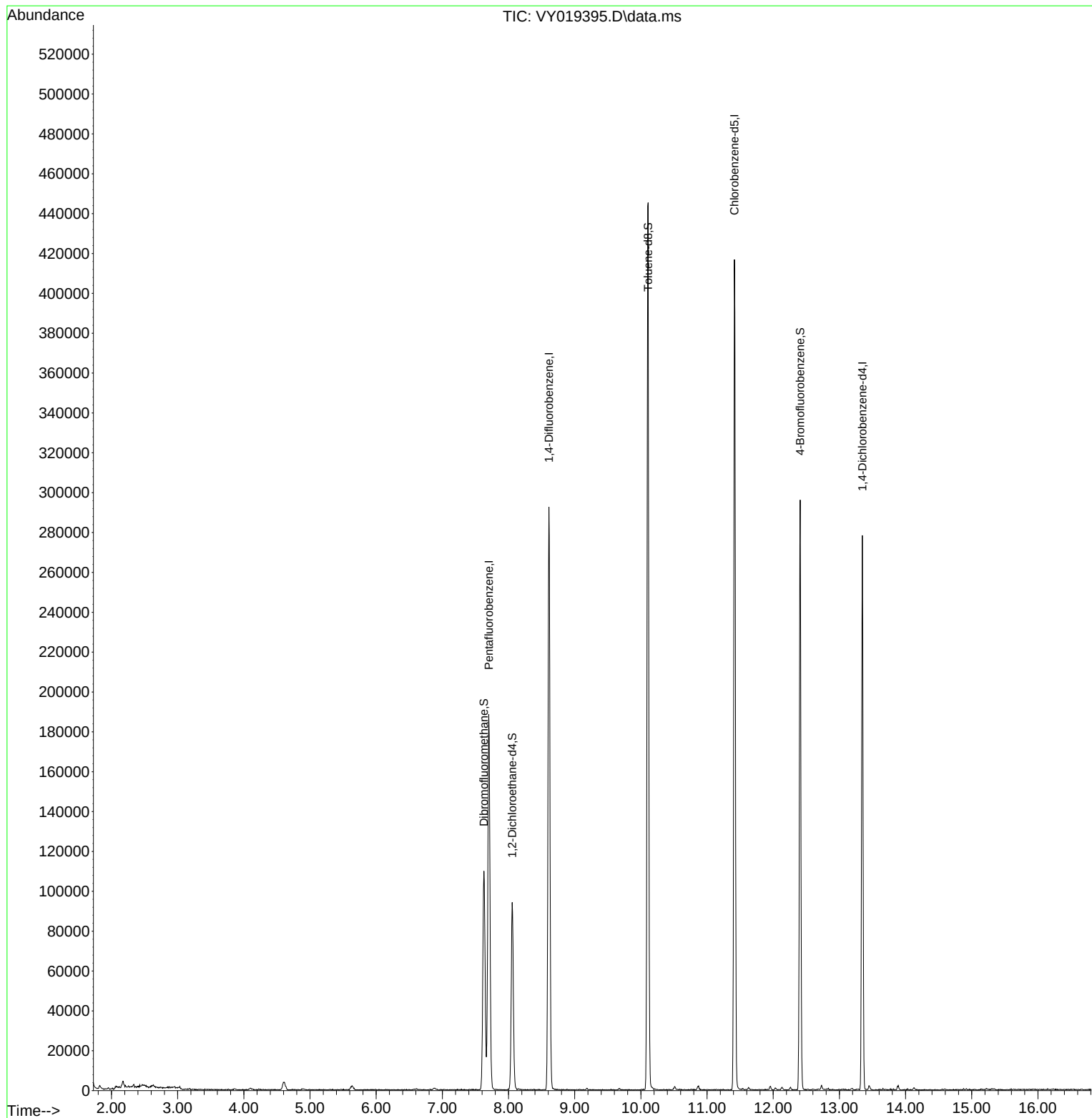
Target Compounds	Qvalue

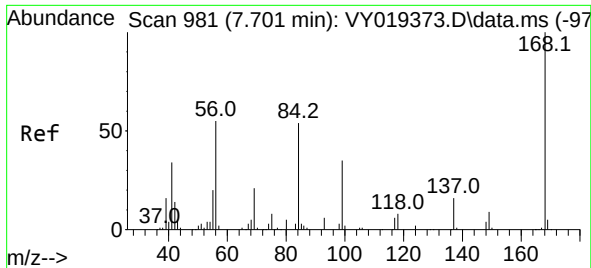
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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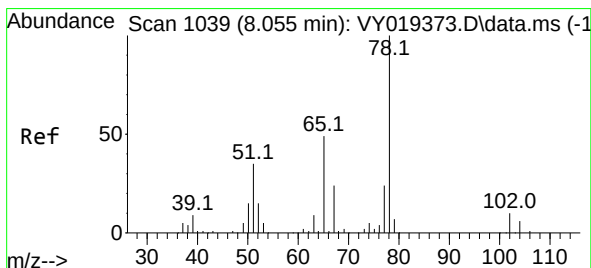
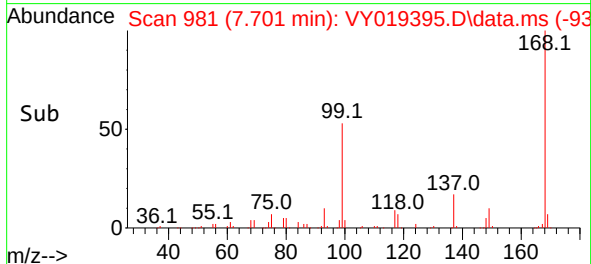
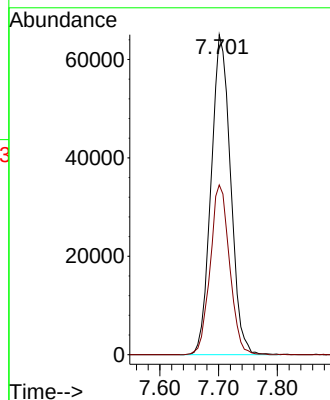
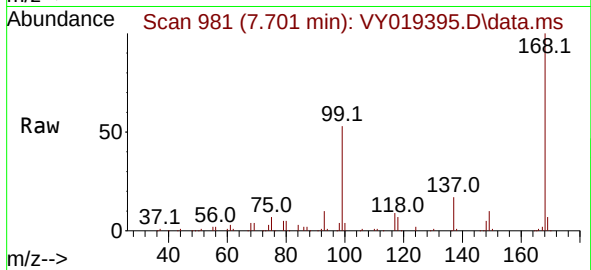




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

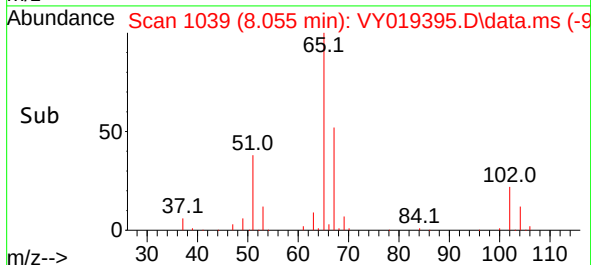
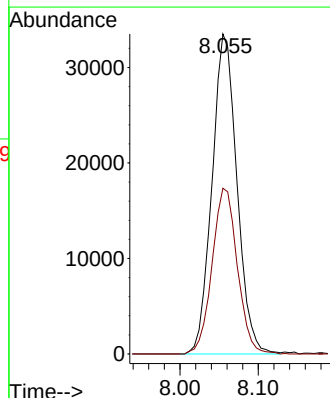
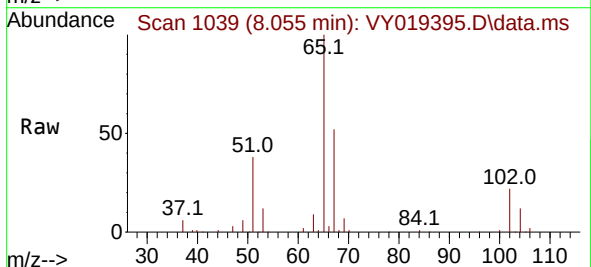
Instrument :
MSVOA_Y
ClientSampleId :
SEW-14

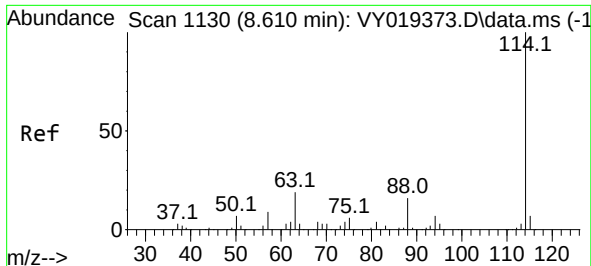
Tgt Ion:168 Resp: 149581
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.336 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Tgt Ion: 65 Resp: 74150
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019395.D

Acq: 30 Aug 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

SEW-14

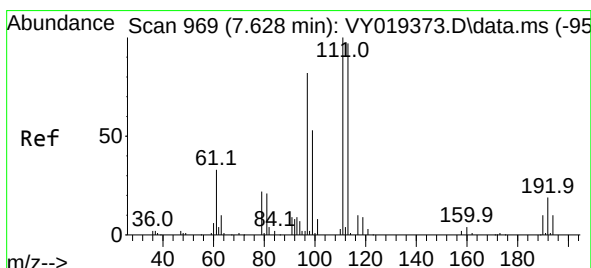
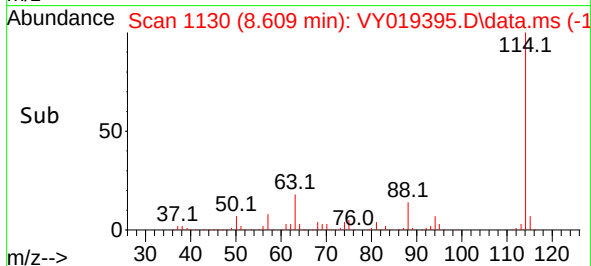
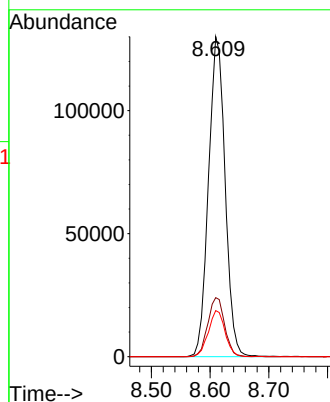
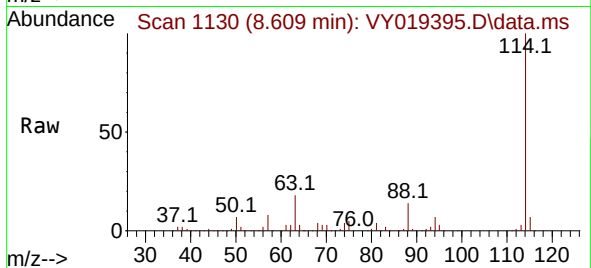
Tgt Ion:114 Resp: 255571

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.020 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019395.D

Acq: 30 Aug 2024 15:03

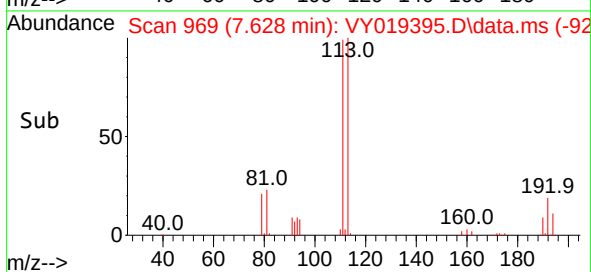
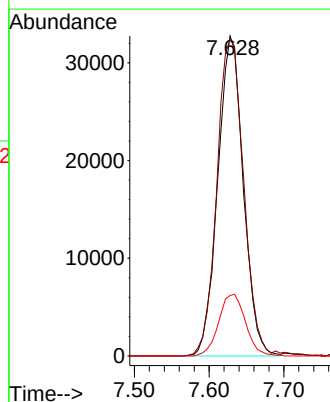
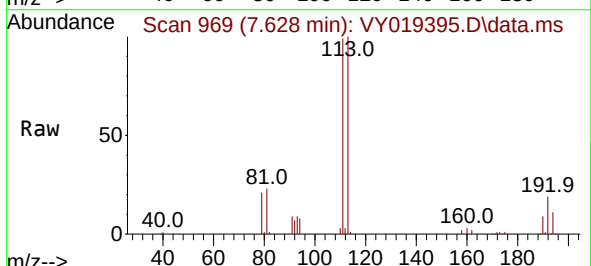
Tgt Ion:113 Resp: 77591

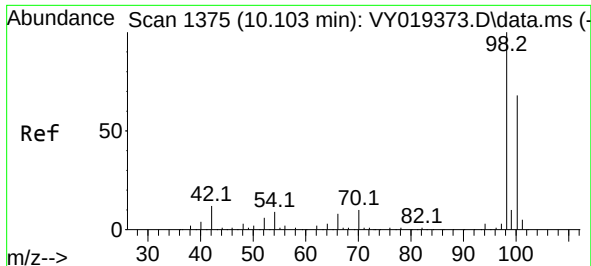
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 20.3 15.9 23.9

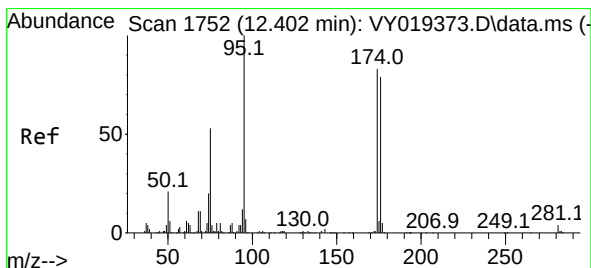
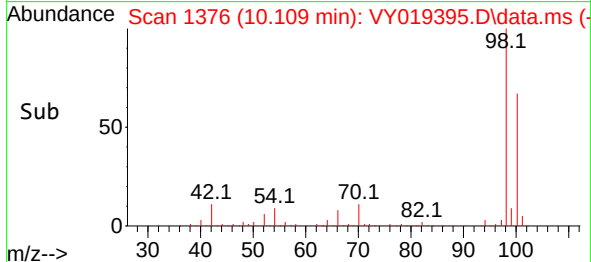
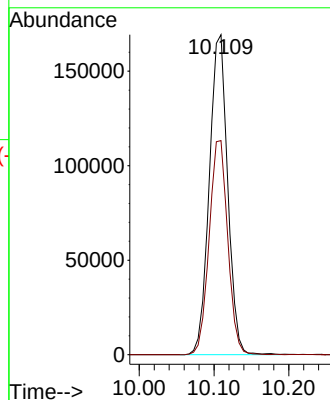
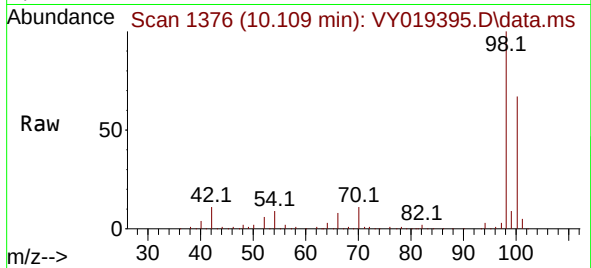




#50
Toluene-d8
Concen: 48.646 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

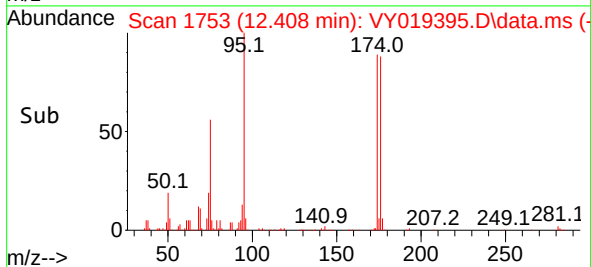
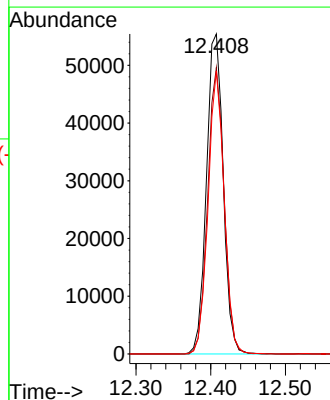
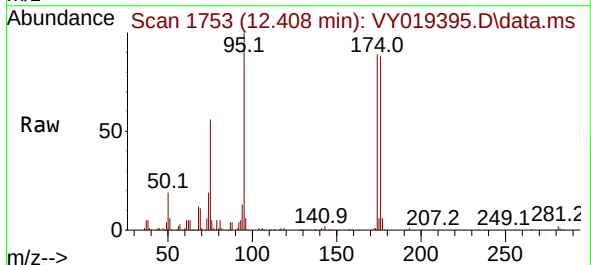
Instrument :
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SEW-14

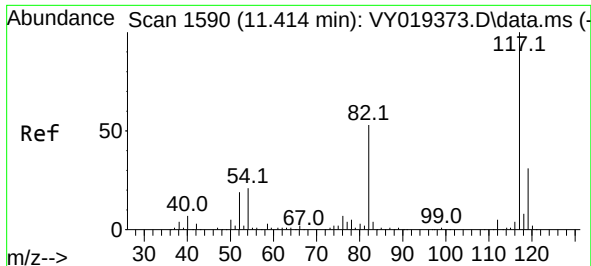
Tgt Ion: 98 Resp: 289351
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.894 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Tgt Ion: 95 Resp: 86369
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 85.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019395.D

Acq: 30 Aug 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

SEW-14

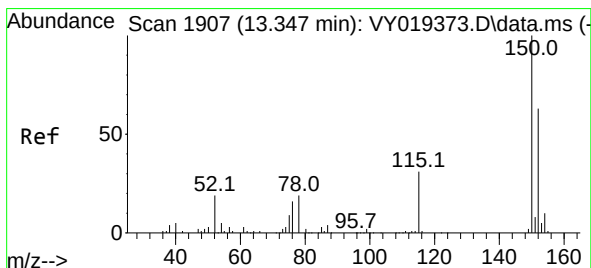
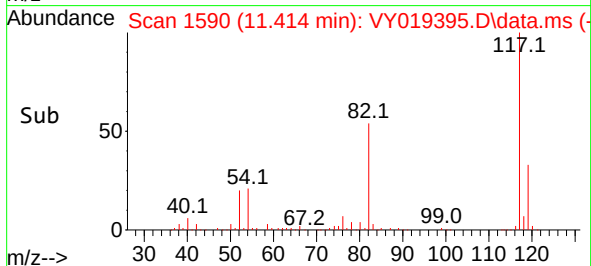
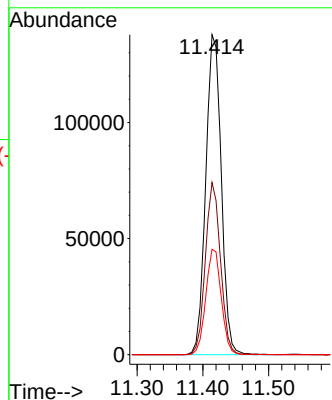
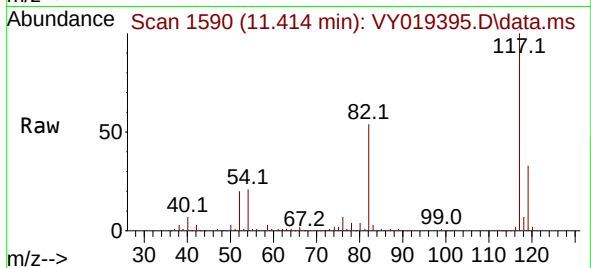
Tgt Ion:117 Resp: 226598

Ion Ratio Lower Upper

117 100

82 53.8 42.4 63.6

119 33.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019395.D

Acq: 30 Aug 2024 15:03

Tgt Ion:152 Resp: 69091

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 155.2 0.0 345.6

