

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018975.D
 Acq On : 09 Aug 2024 18:31
 Operator : SY/MD
 Sample : P3518-27
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-14-080724

Quant Time: Aug 09 23:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	100833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	162091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	124300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	39554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49045	55.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.800%
35) Dibromofluoromethane	7.622	113	53764	51.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.103	98	199752	50.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.408	95	42192	35.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.520%

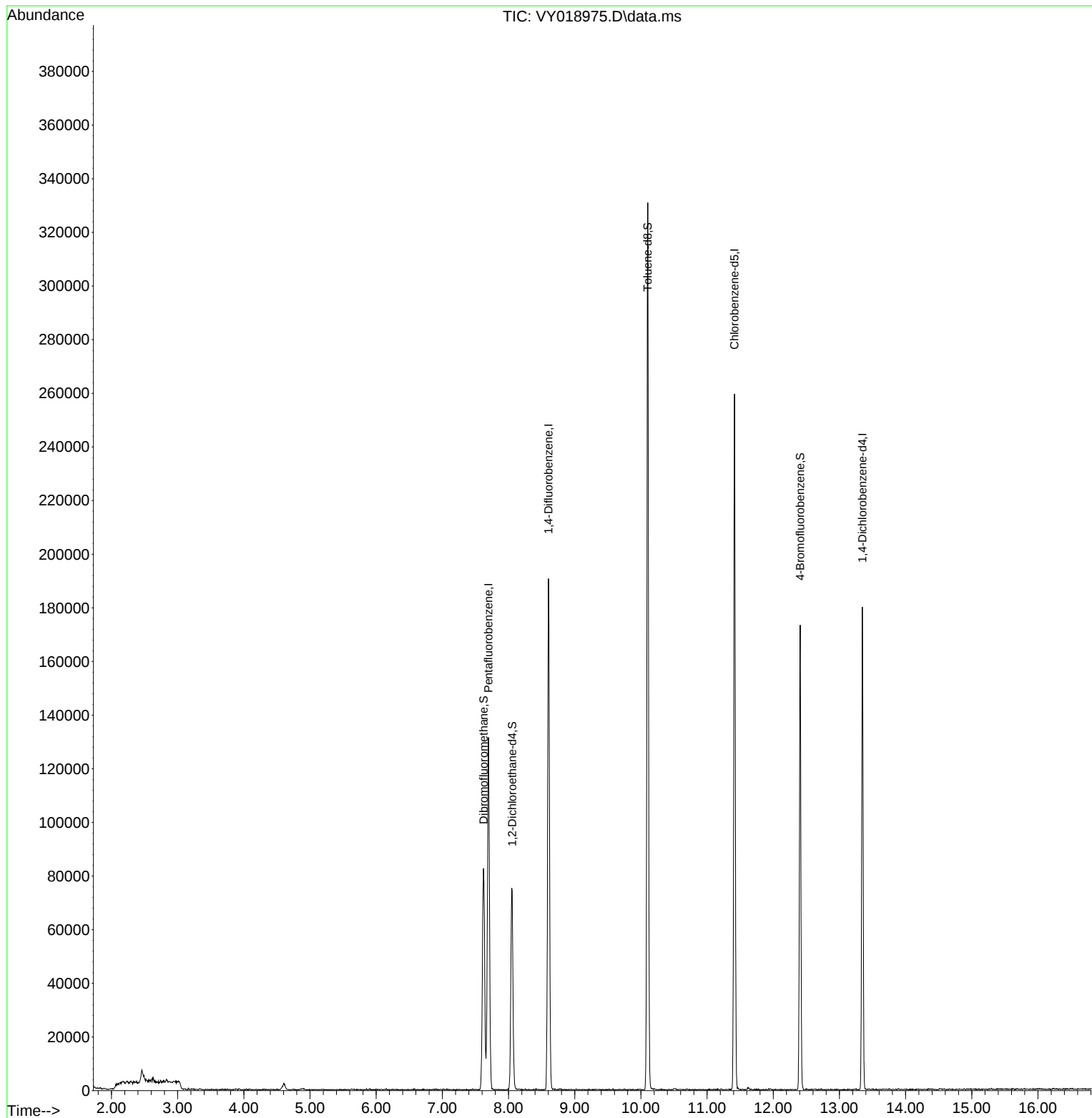
Target Compounds	Qvalue

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

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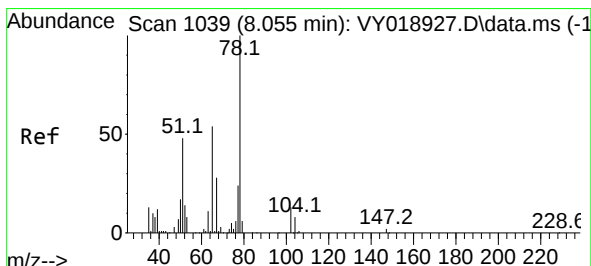
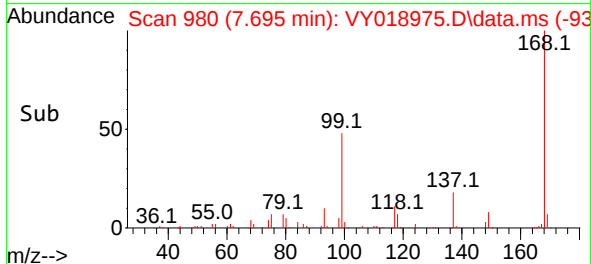
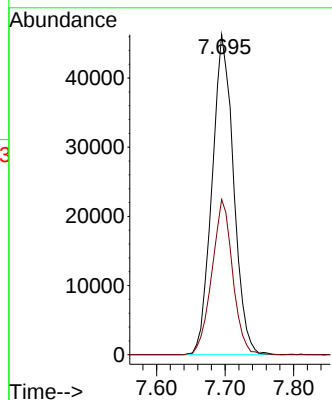
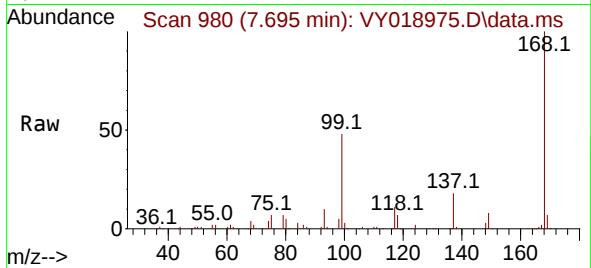




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

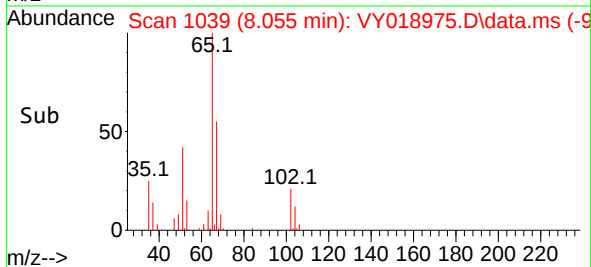
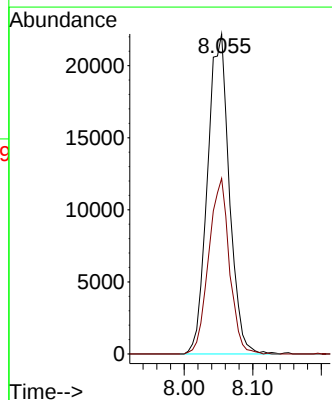
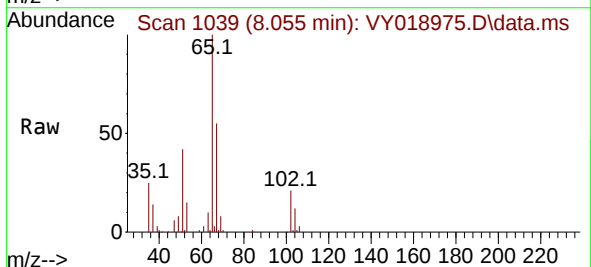
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724

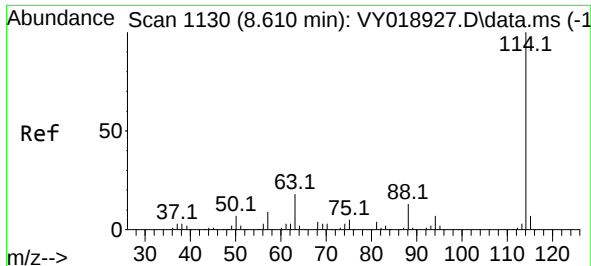
Tgt Ion:168 Resp: 100833
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.399 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

Tgt Ion: 65 Resp: 49045
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018975.D

Acq: 09 Aug 2024 18:31

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-14-080724

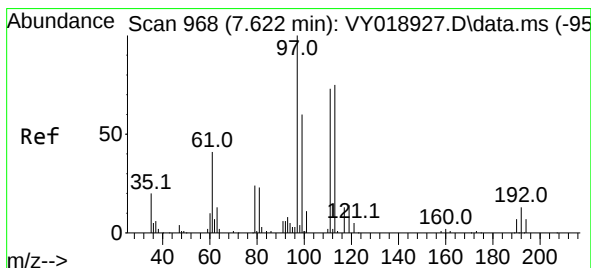
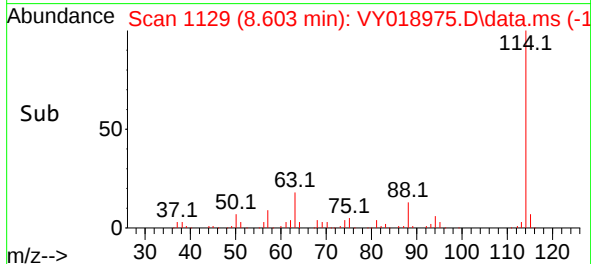
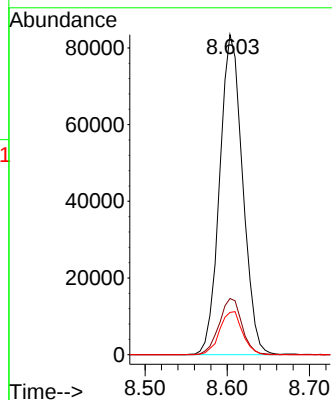
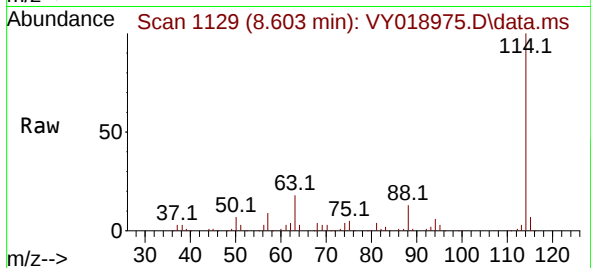
Tgt Ion:114 Resp: 162091

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.933 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018975.D

Acq: 09 Aug 2024 18:31

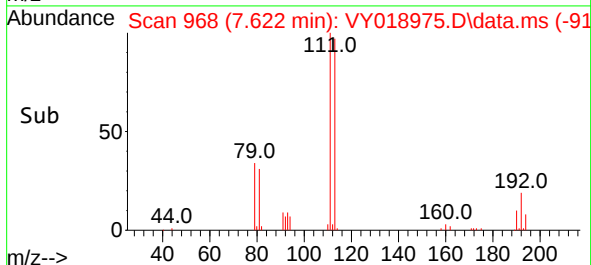
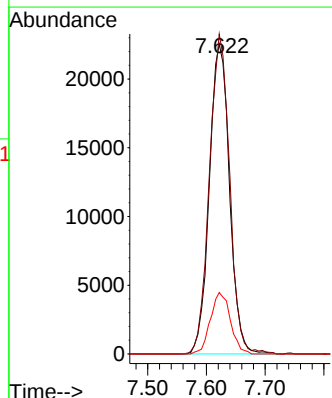
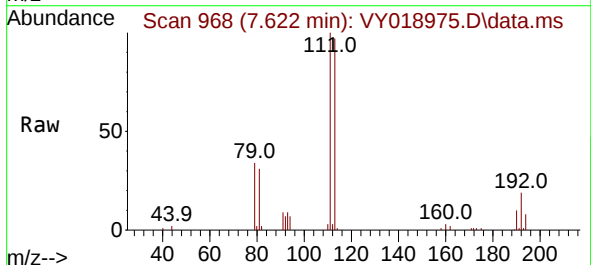
Tgt Ion:113 Resp: 53764

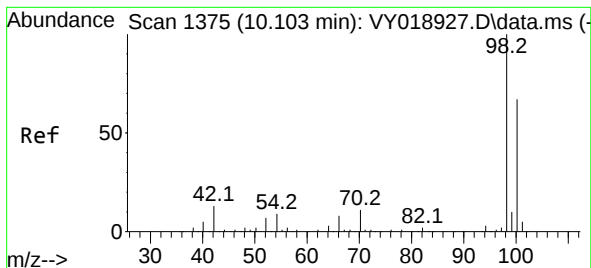
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.7 15.9 23.9

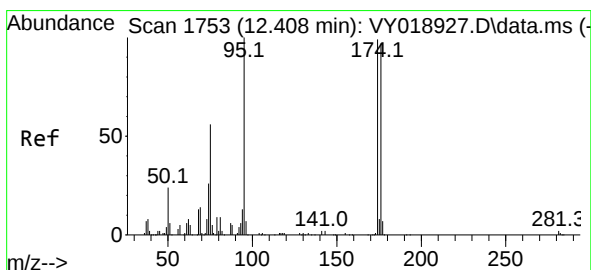
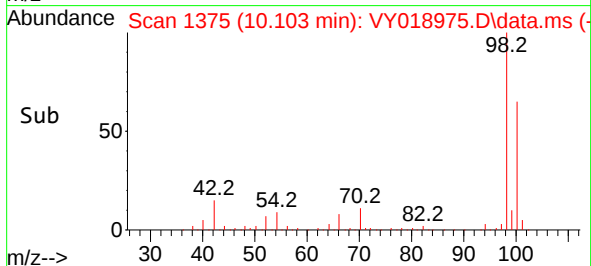
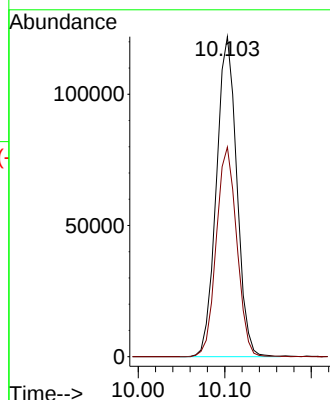
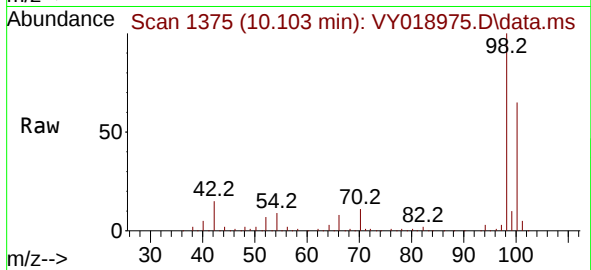




#50
Toluene-d8
Concen: 50.234 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

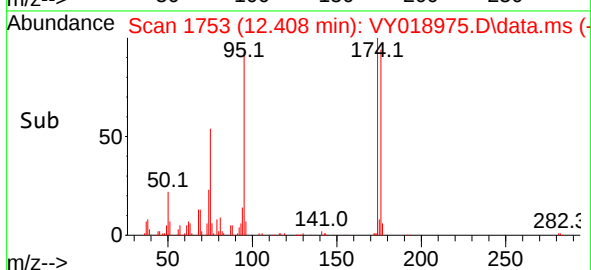
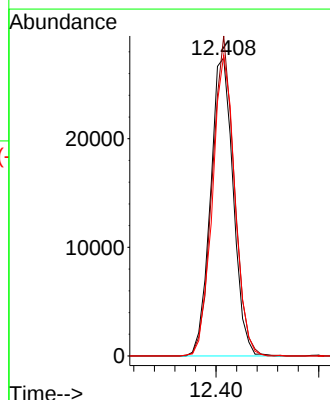
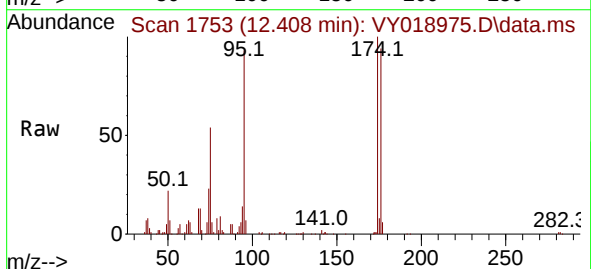
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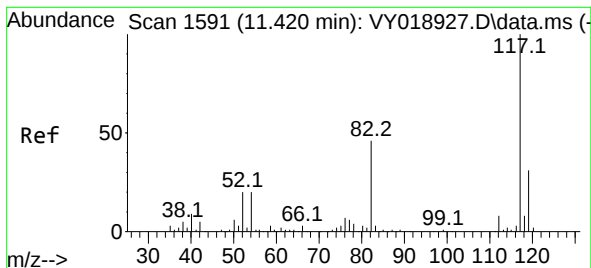
Tgt Ion: 98 Resp: 199752
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.764 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018975.D
Acq: 09 Aug 2024 18:31

Tgt Ion: 95 Resp: 42192
Ion Ratio Lower Upper
95 100
174 103.2 0.0 175.6
176 98.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018975.D

Acq: 09 Aug 2024 18:31

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-14-080724

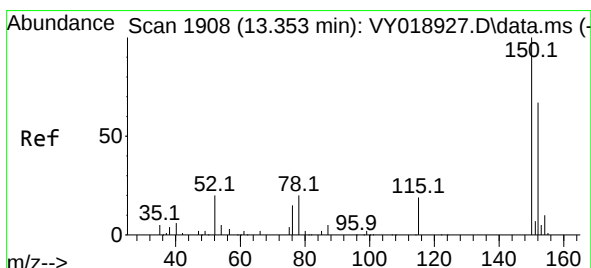
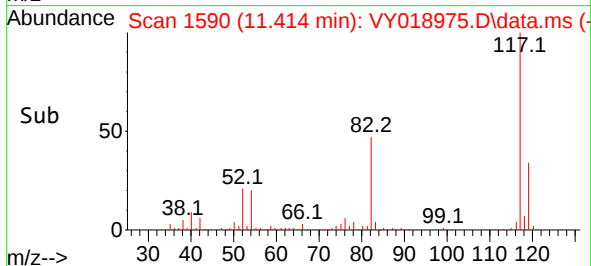
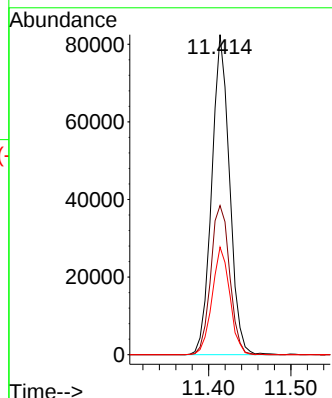
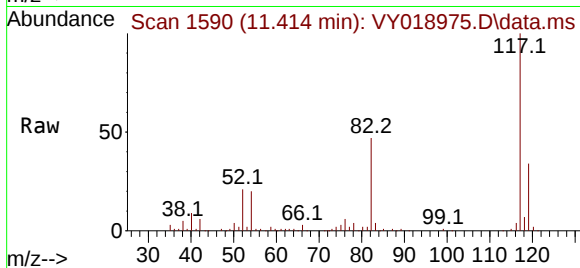
Tgt Ion:117 Resp: 124300

Ion Ratio Lower Upper

117 100

82 46.6 42.4 63.6

119 33.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018975.D

Acq: 09 Aug 2024 18:31

Tgt Ion:152 Resp: 39554

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 160.0 0.0 345.6

