

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018968.D
 Acq On : 09 Aug 2024 15:37
 Operator : SY/MD
 Sample : P3518-13
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-07-080724

Quant Time: Aug 09 23:28:02 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	90616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	144500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	108833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	31268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	37235	46.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.600%
35) Dibromofluoromethane	7.622	113	45973	49.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.103	98	173859	49.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.401	95	36053	34.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.560%

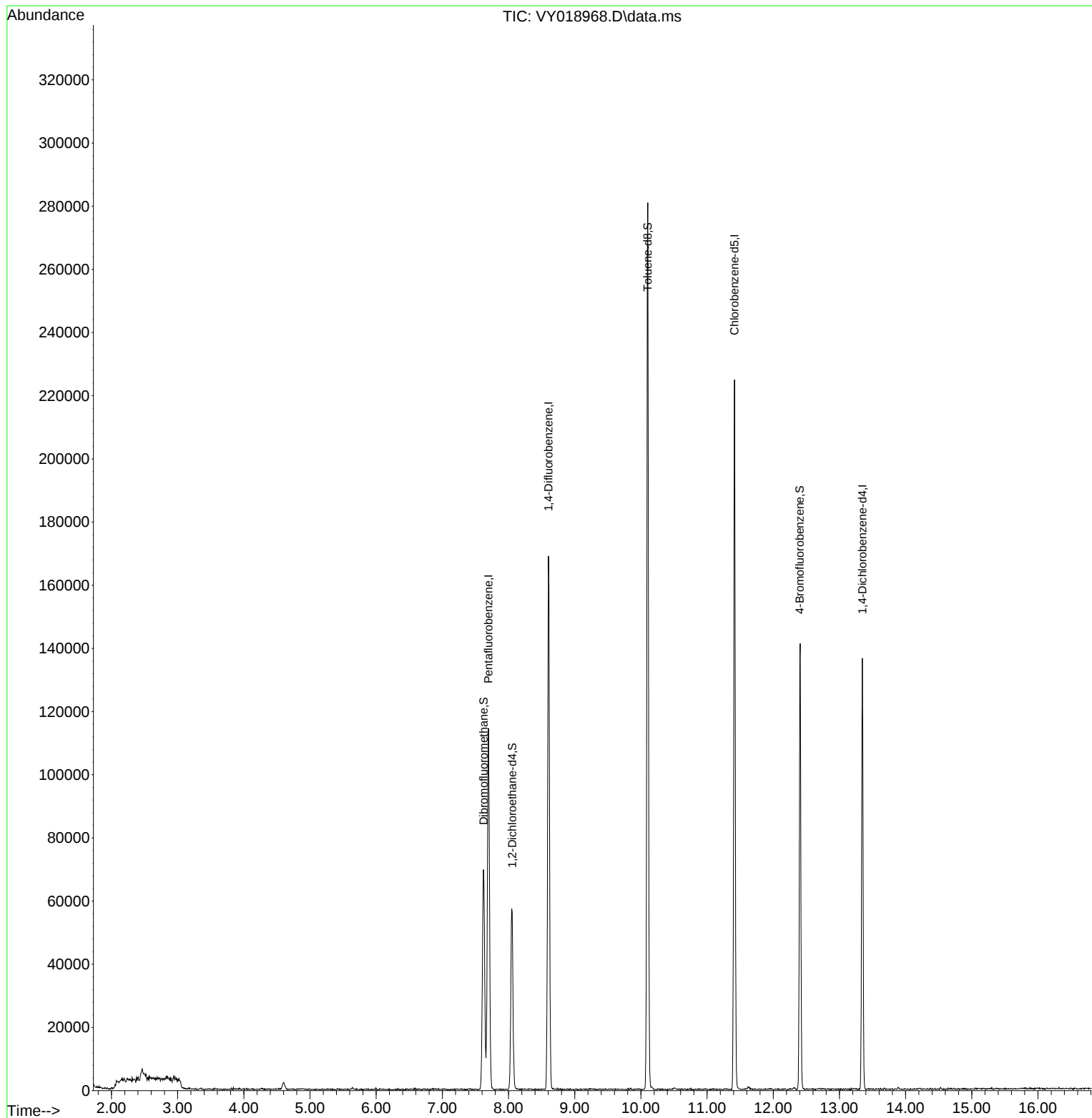
Target Compounds	Qvalue

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

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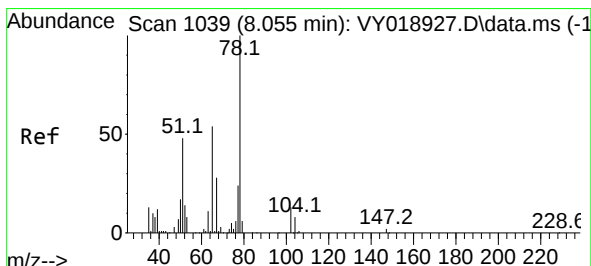
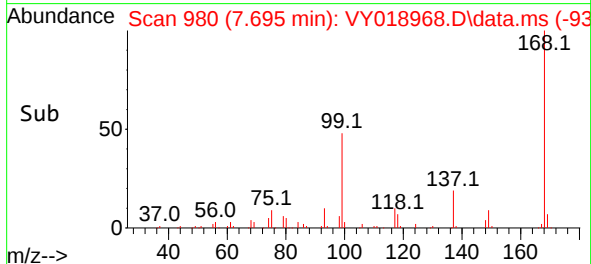
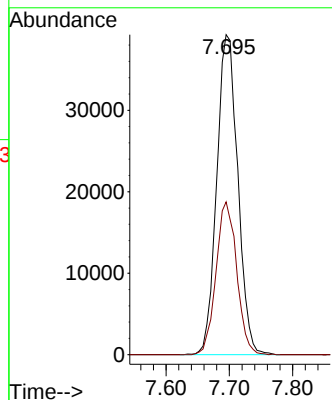
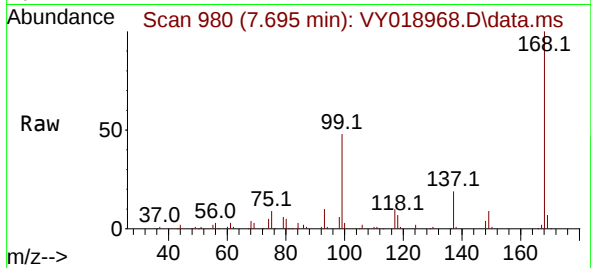




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

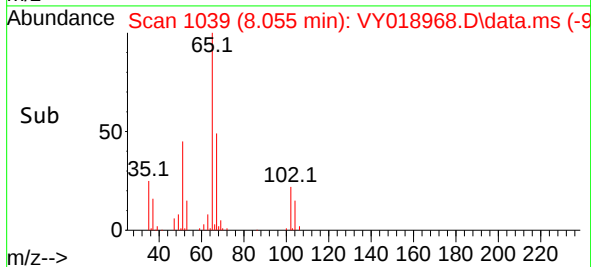
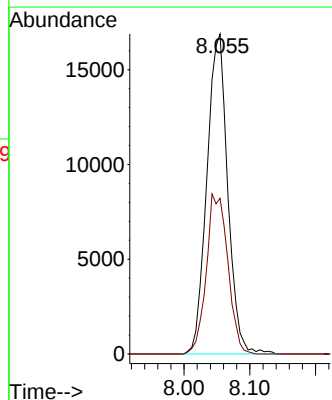
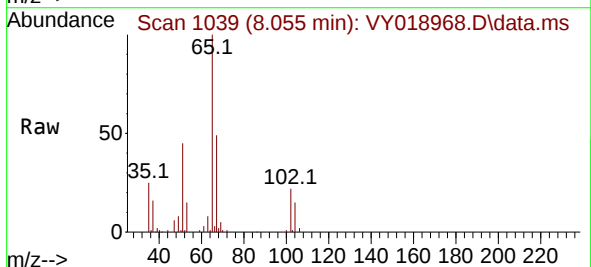
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-07-080724

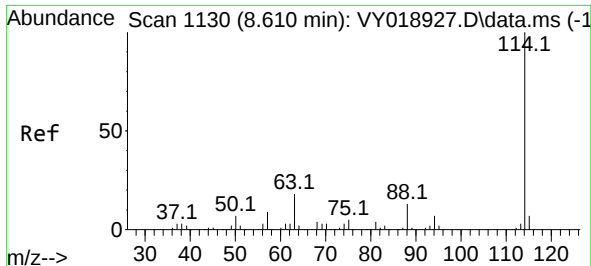
Tgt Ion:168 Resp: 90616
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 46.801 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

Tgt Ion: 65 Resp: 37235
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

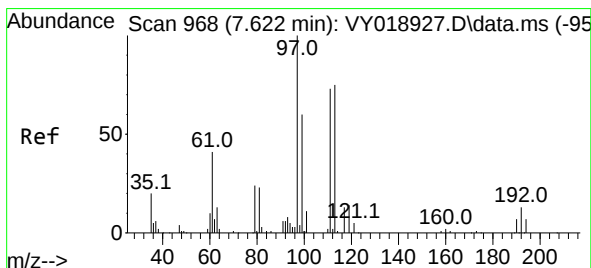
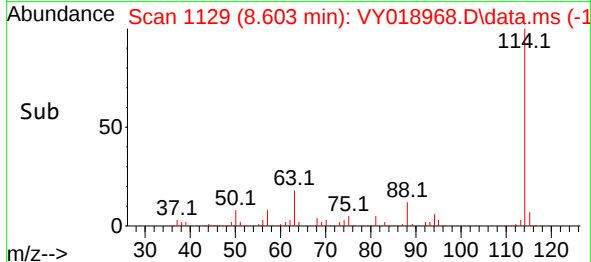
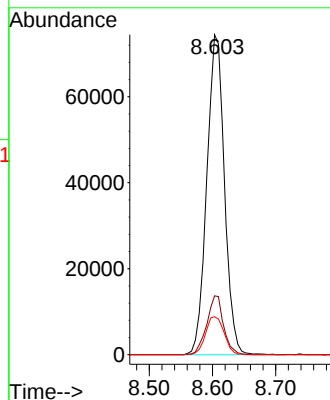
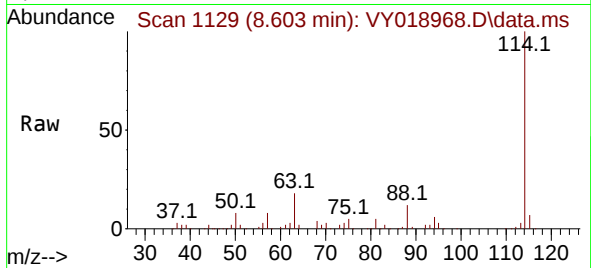




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

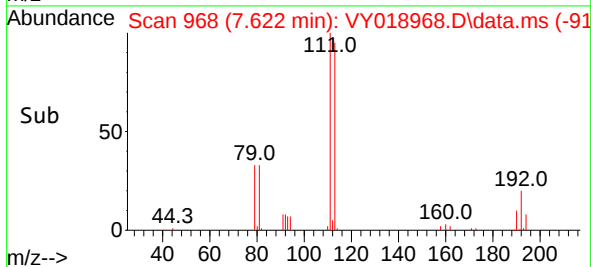
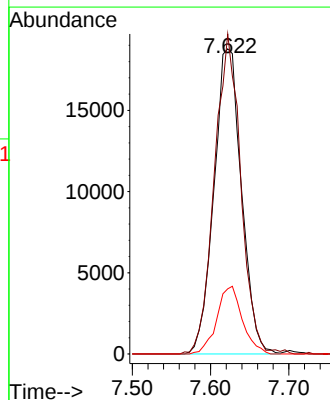
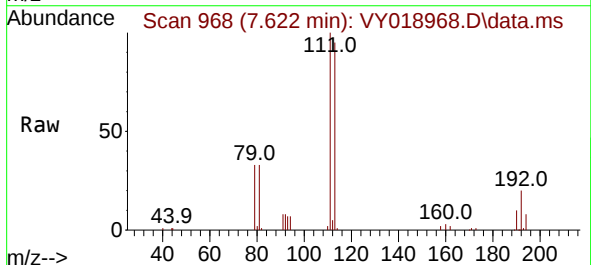
Instrument :
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ClientSampleId :
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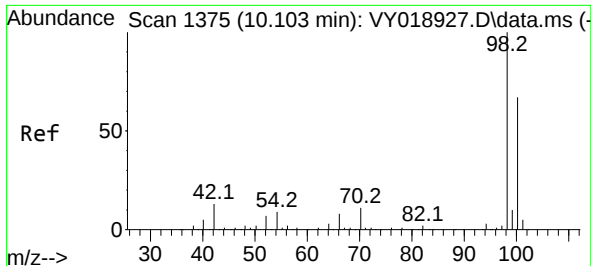
Tgt Ion:114 Resp: 144500
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 11.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.813 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

Tgt Ion:113 Resp: 45973
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 20.6 15.9 23.9

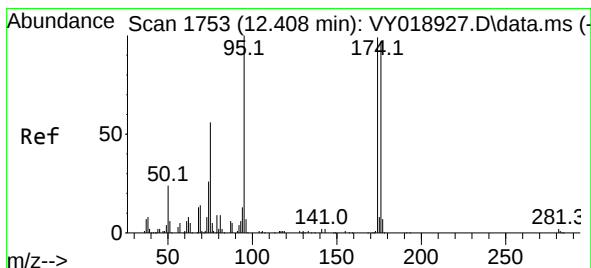
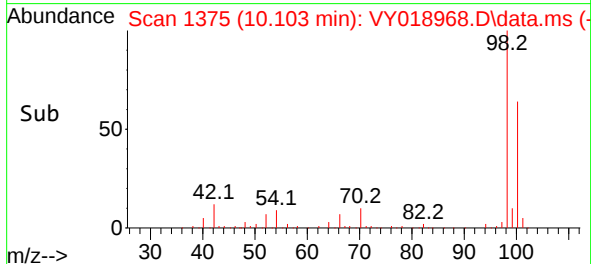
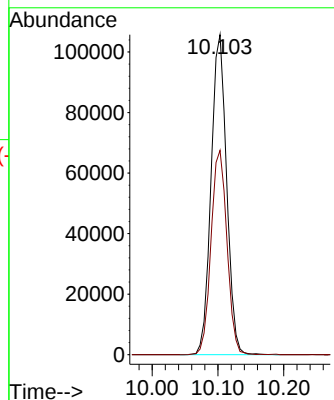
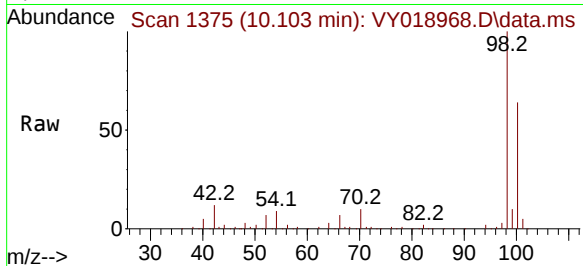




#50
Toluene-d8
Concen: 49.045 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

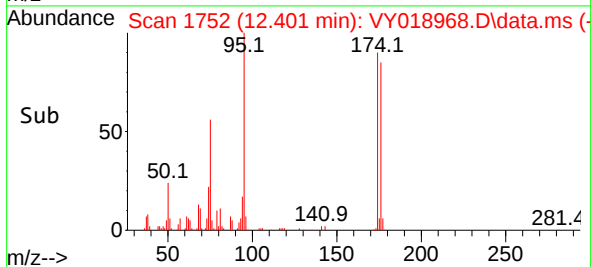
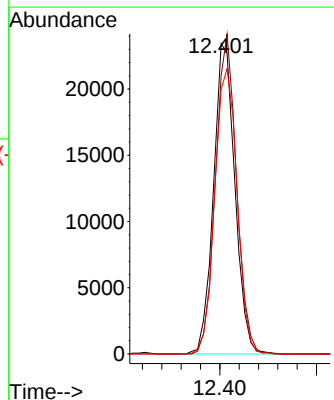
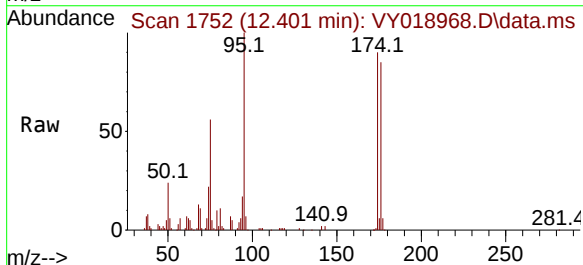
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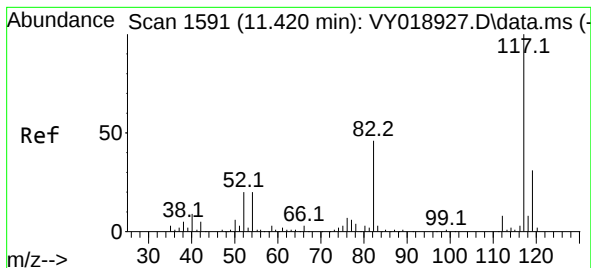
Tgt Ion: 98 Resp: 173859
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.281 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

Tgt Ion: 95 Resp: 36053
Ion Ratio Lower Upper
95 100
174 100.4 0.0 175.6
176 95.4 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: VY018968.D

Acq: 09 Aug 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-07-080724

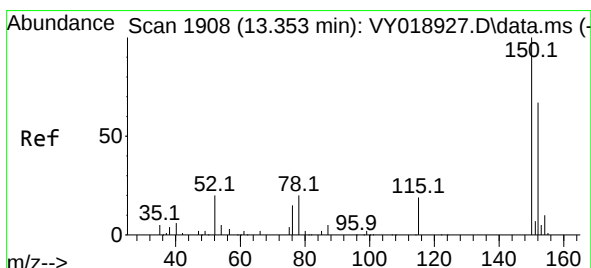
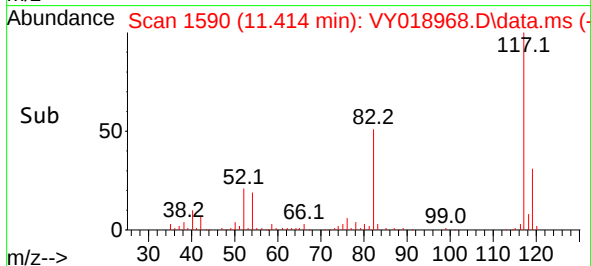
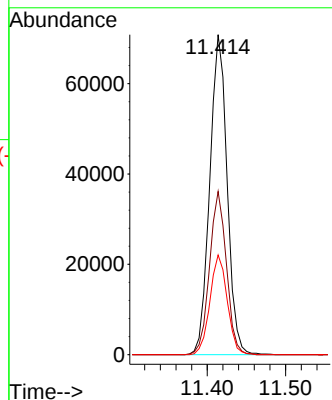
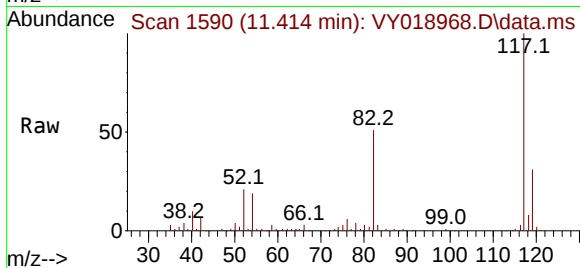
Tgt Ion:117 Resp: 108833

Ion Ratio Lower Upper

117 100

82 51.0 42.4 63.6

119 31.2 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: VY018968.D

Acq: 09 Aug 2024 15:37

Tgt Ion:152 Resp: 31268

Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 154.9 0.0 345.6

