

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018949.D
 Acq On : 09 Aug 2024 00:29
 Operator : SY/MD
 Sample : P3518-07
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-04-080724

Quant Time: Aug 09 05:14:40 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	7.701	168	79490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	121515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	87419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	24095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	30591	43.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.660%
35) Dibromofluoromethane	7.628	113	36519	47.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.100%
50) Toluene-d8	10.103	98	136560	45.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.408	95	25991	29.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.780%

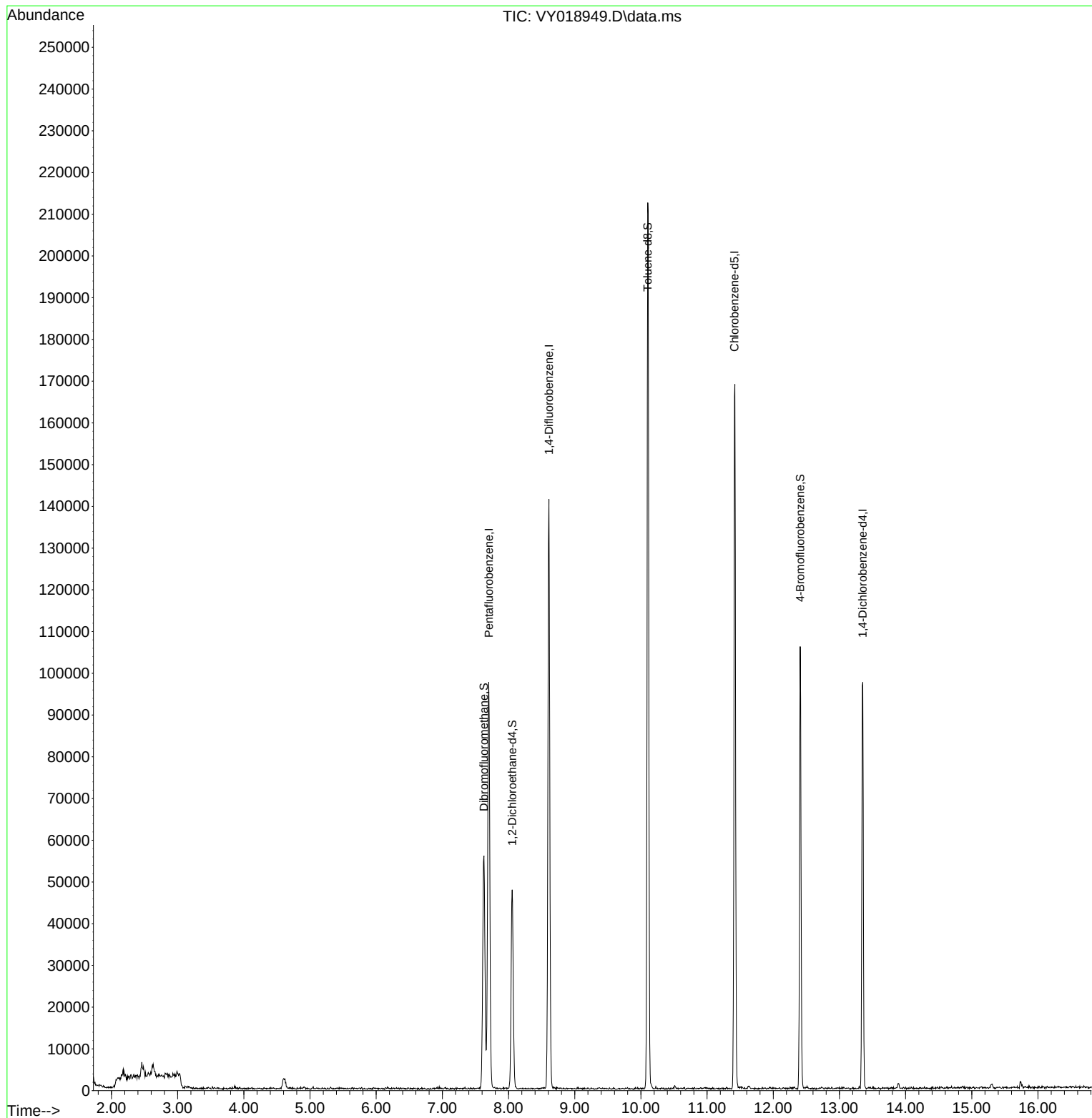
Target Compounds Qvalue

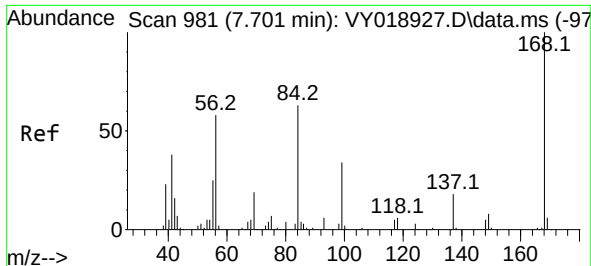
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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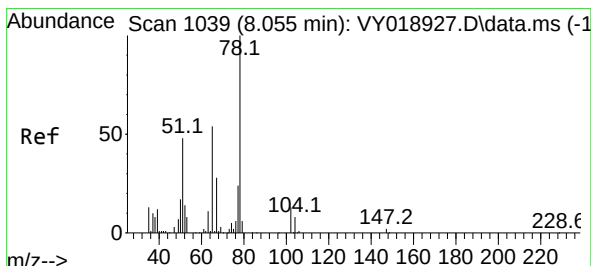
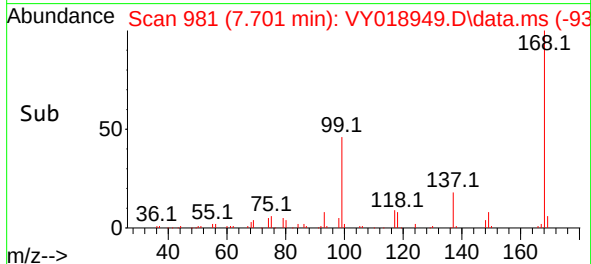
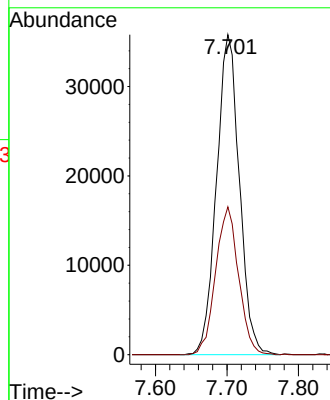
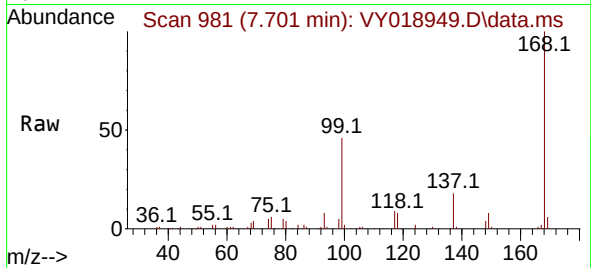




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

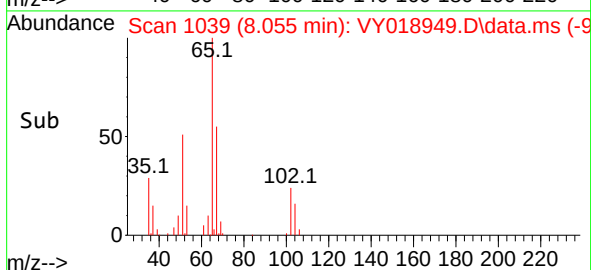
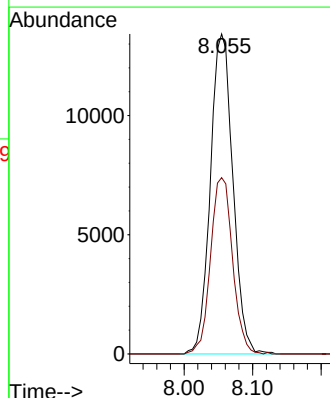
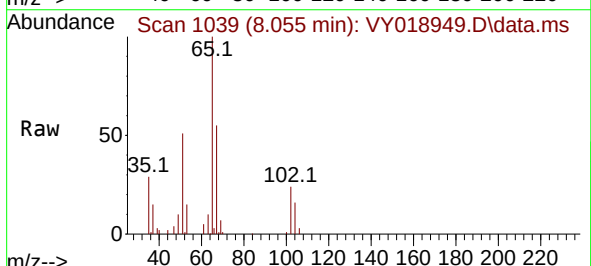
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-04-080724

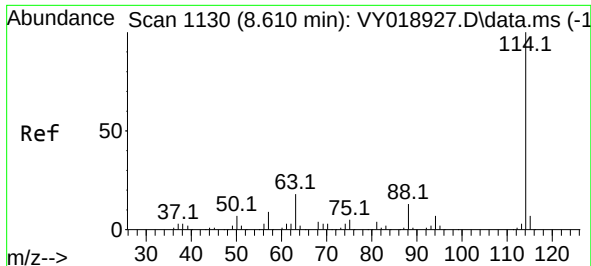
Tgt Ion:168 Resp: 79490
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.832 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

Tgt Ion: 65 Resp: 30591
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-04-080724

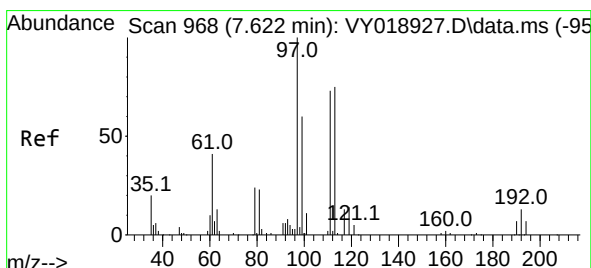
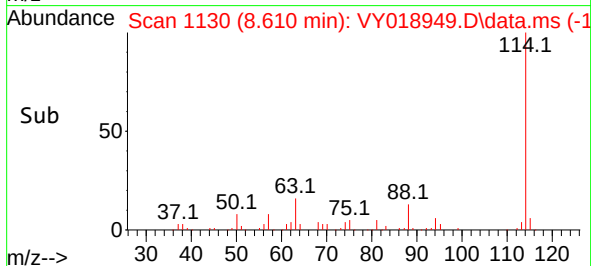
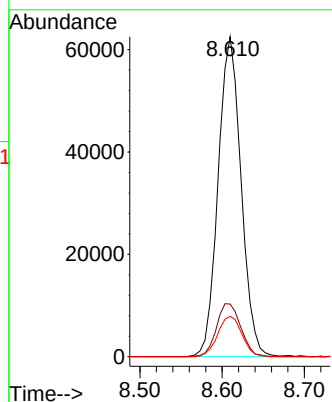
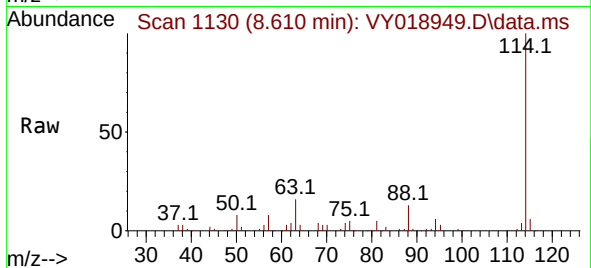
Tgt Ion:114 Resp: 121515

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 12.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.054 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018949.D

Acq: 09 Aug 2024 00:29

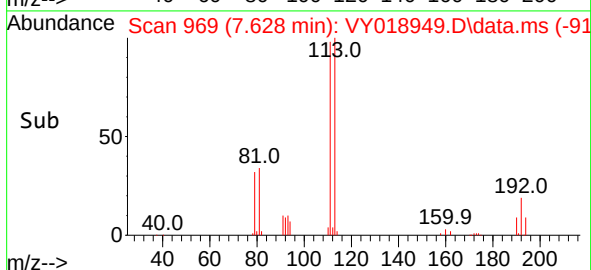
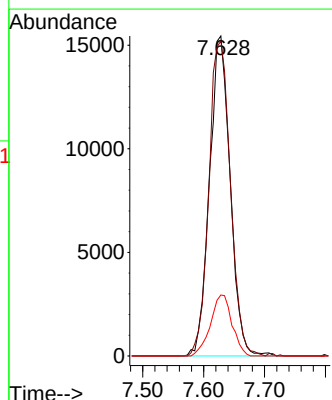
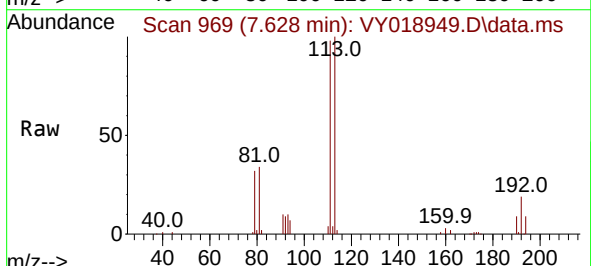
Tgt Ion:113 Resp: 36519

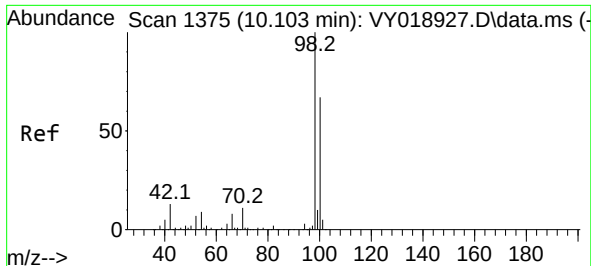
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 19.8 15.9 23.9

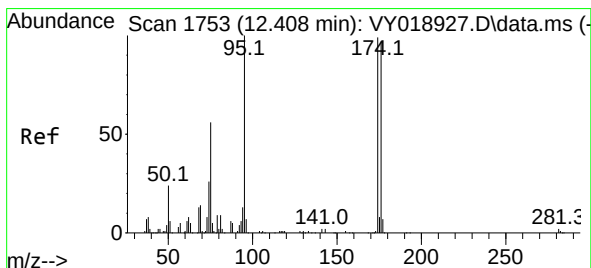
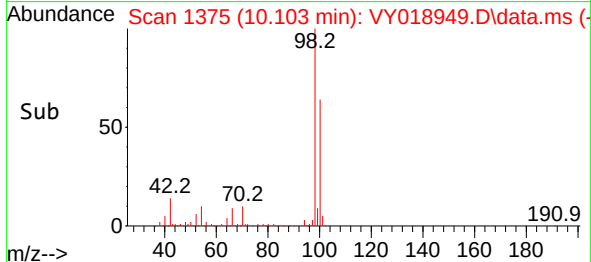
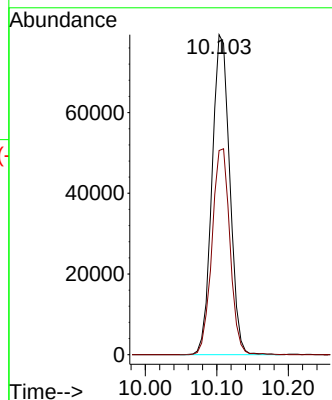
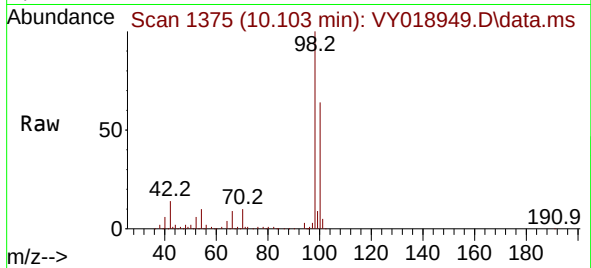




#50
Toluene-d8
Concen: 45.810 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

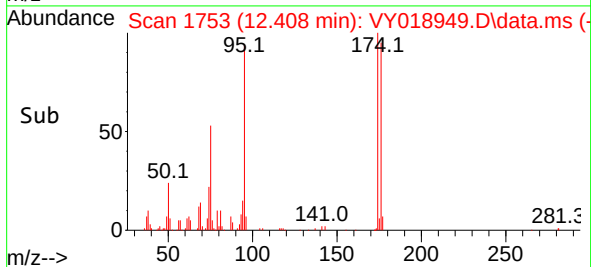
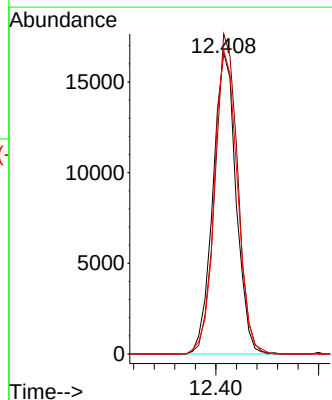
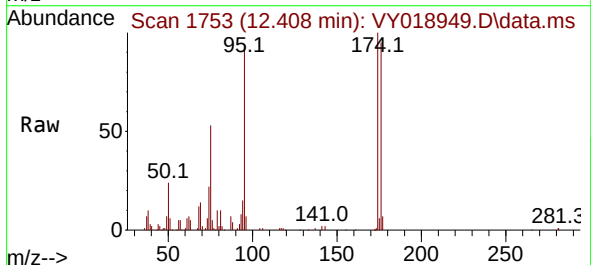
Instrument :
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OU4-TS-04-080724

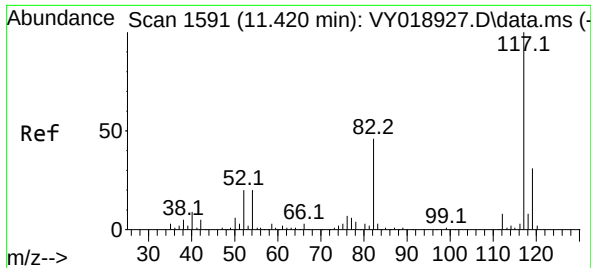
Tgt Ion: 98 Resp: 136560
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.388 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

Tgt Ion: 95 Resp: 25991
Ion Ratio Lower Upper
95 100
174 103.6 0.0 175.6
176 100.7 0.0 171.4

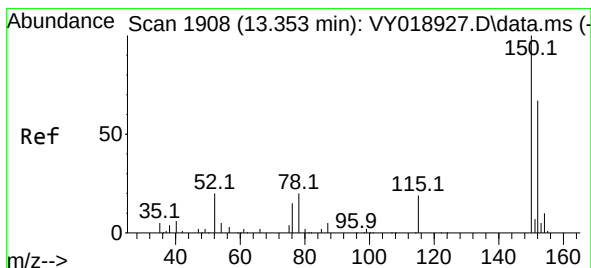
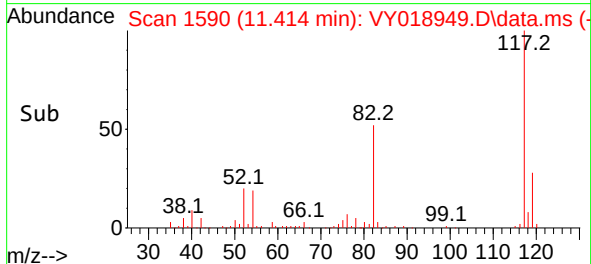
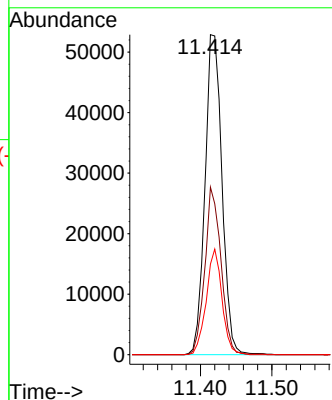
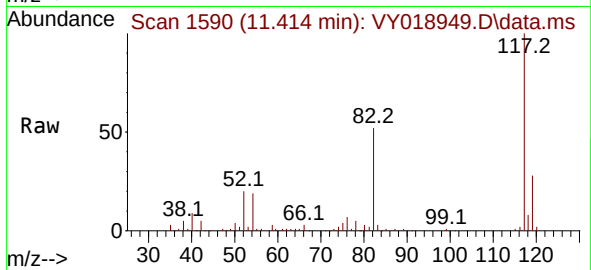




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-04-080724

Tgt Ion:117 Resp: 87419
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 28.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY018949.D
Acq: 09 Aug 2024 00:29

Tgt Ion:152 Resp: 24095
Ion Ratio Lower Upper
152 100
115 52.6 28.2 84.7
150 153.9 0.0 345.6

