

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019600.D
 Acq On : 18 Sep 2024 13:00
 Operator : SY/MD
 Sample : P4015-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-2-TANK17RE

Quant Time: Sep 19 01:24:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	99213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	168189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	127198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	39551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	50320	54.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.540%
35) Dibromofluoromethane	7.634	113	50562	53.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.103	98	190296	53.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.408	95	50991	37.598	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.200%

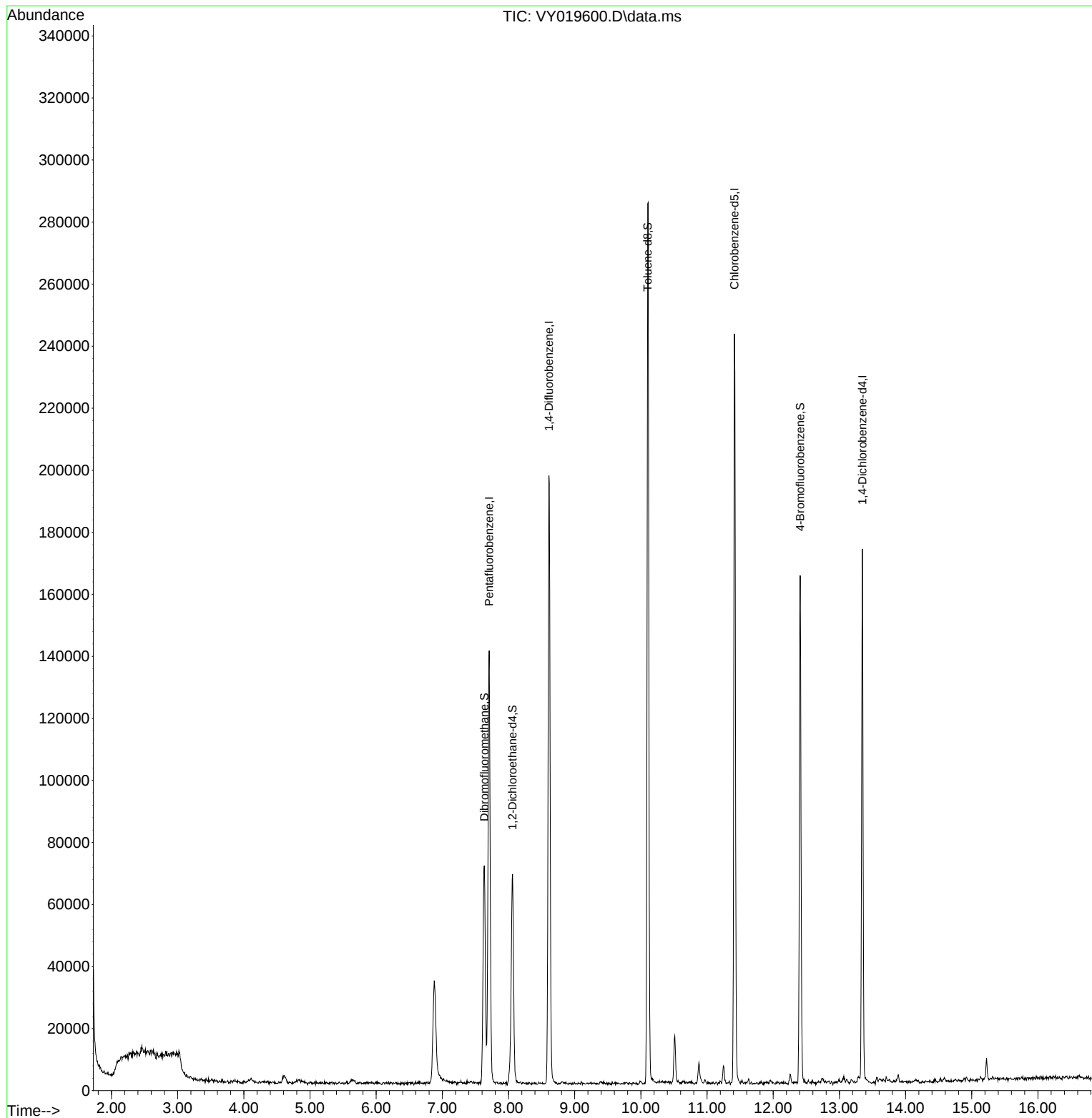
Target Compounds	Qvalue

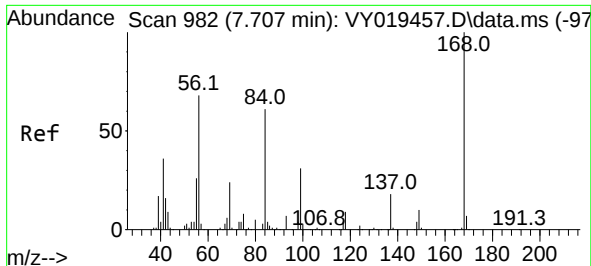
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
Data File : VY019600.D
Acq On : 18 Sep 2024 13:00
Operator : SY/MD
Sample : P4015-04RE
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-2-TANK17RE

Quant Time: Sep 19 01:24:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

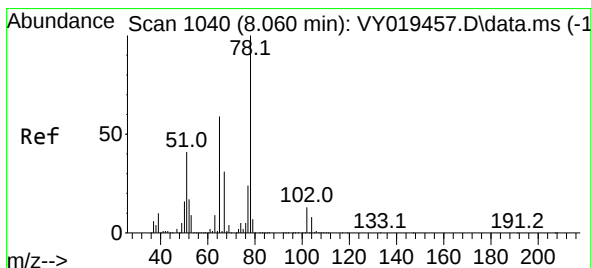
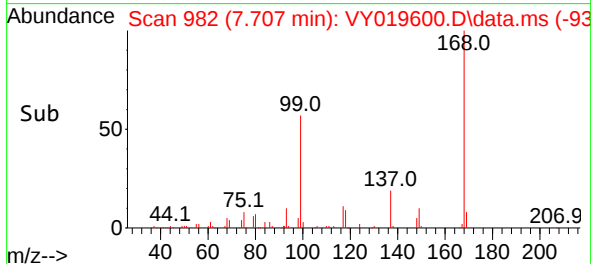
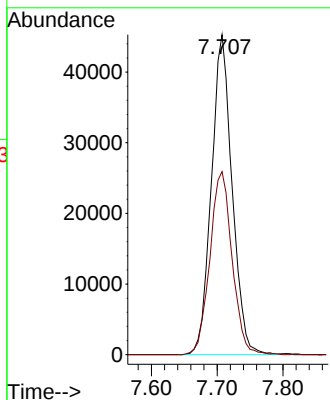
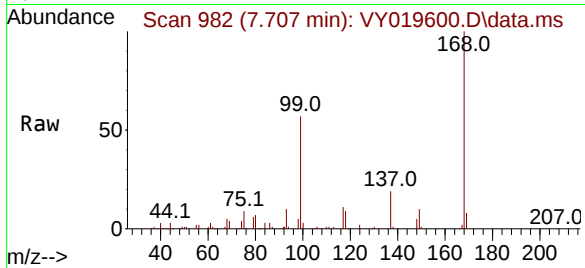




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019600.D
Acq: 18 Sep 2024 13:00

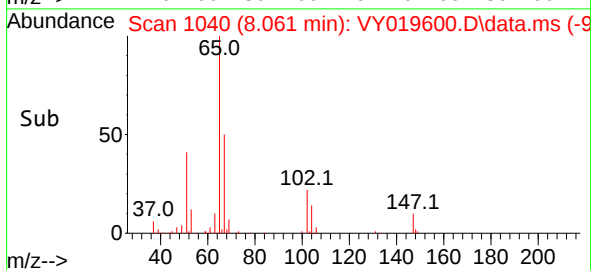
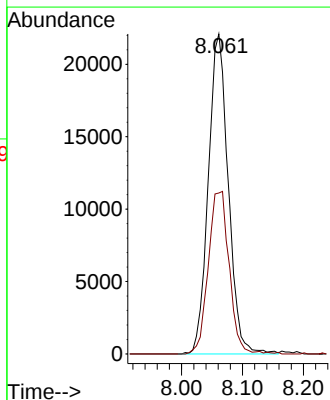
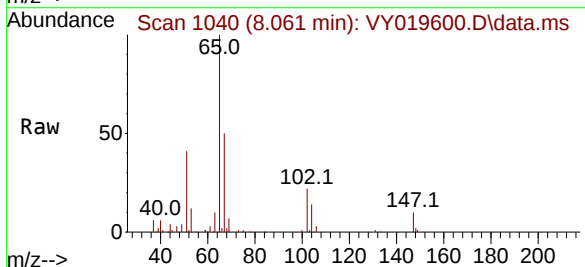
Instrument :
MSVOA_Y
ClientSampleId :
SW-2-TANK17RE

Tgt Ion:168 Resp: 99213
Ion Ratio Lower Upper
168 100
99 57.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.774 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019600.D
Acq: 18 Sep 2024 13:00

Tgt Ion: 65 Resp: 50320
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6

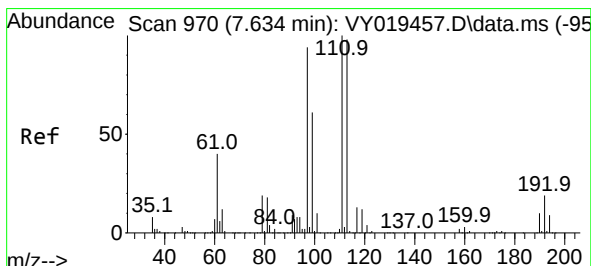
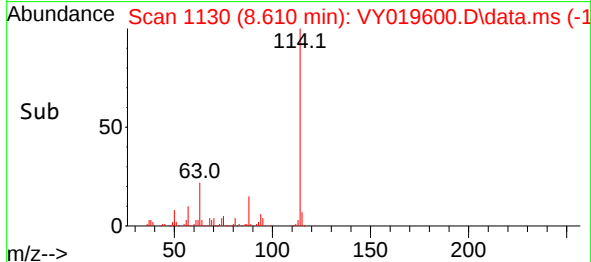
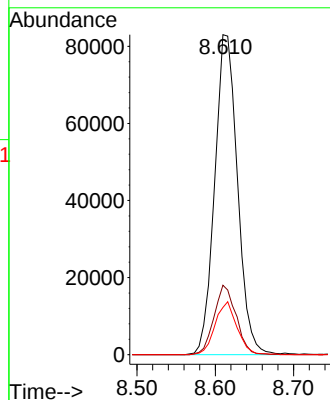
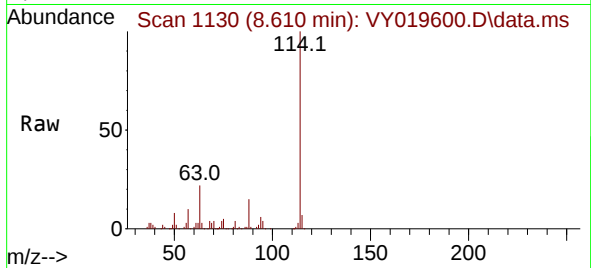




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019600.D
Acq: 18 Sep 2024 13:00

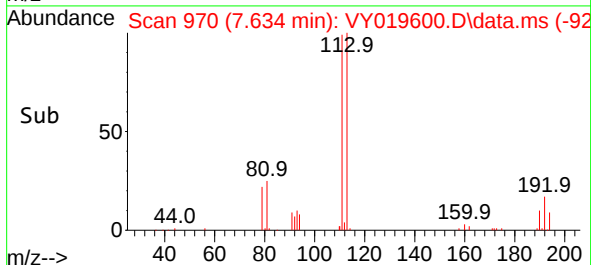
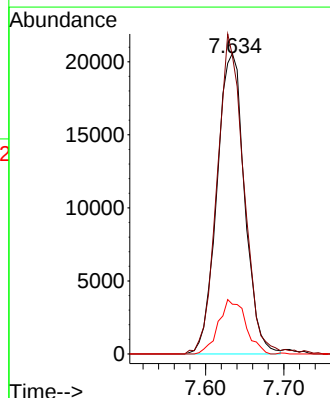
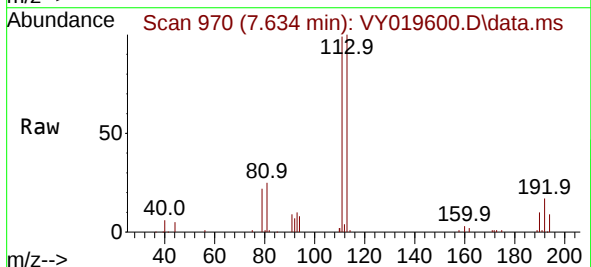
Instrument :
MSVOA_Y
ClientSampleId :
SW-2-TANK17RE

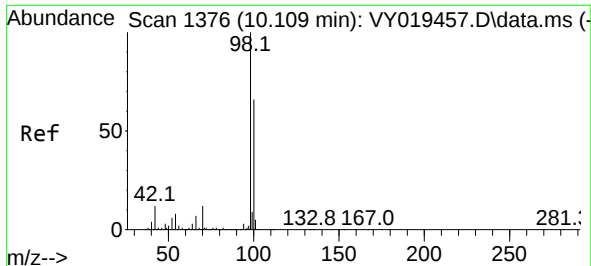
Tgt Ion:114 Resp: 168189
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.0
88 14.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.022 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019600.D
Acq: 18 Sep 2024 13:00

Tgt Ion:113 Resp: 50562
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.7 15.9 23.9

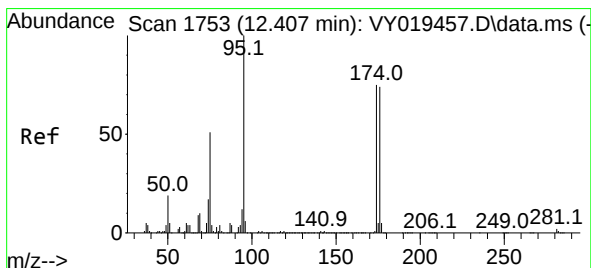
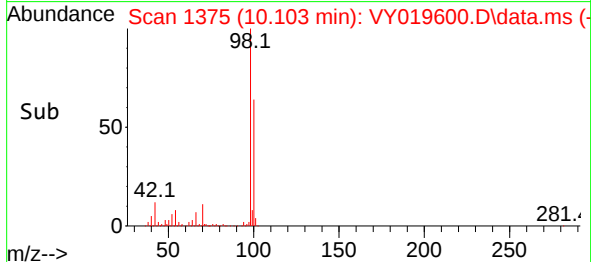
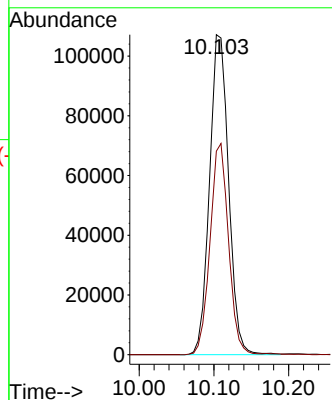
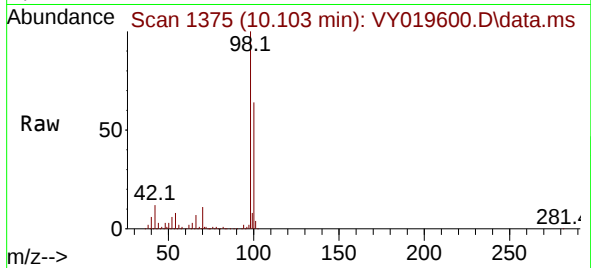




#50
Toluene-d8
Concen: 53.952 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019600.D
Acq: 18 Sep 2024 13:00

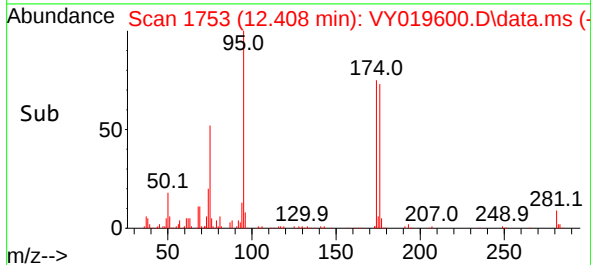
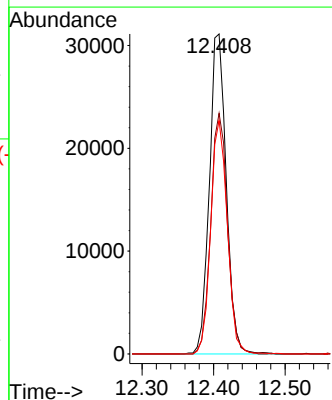
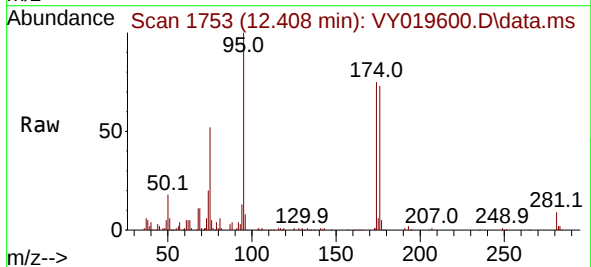
Instrument :
MSVOA_Y
ClientSampleId :
SW-2-TANK17RE

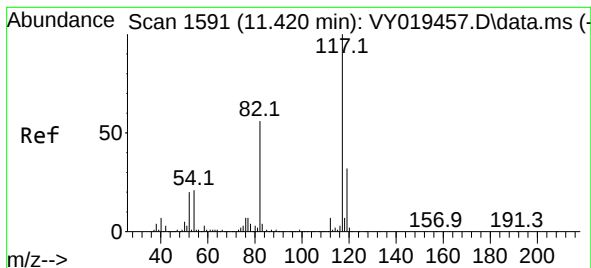
Tgt Ion: 98 Resp: 190296
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.598 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019600.D
Acq: 18 Sep 2024 13:00

Tgt Ion: 95 Resp: 50991
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 71.6 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: VY019600.D

Acq: 18 Sep 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

SW-2-TANK17RE

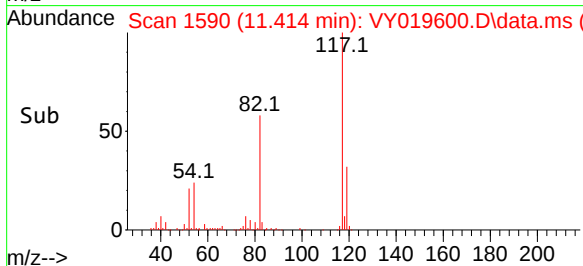
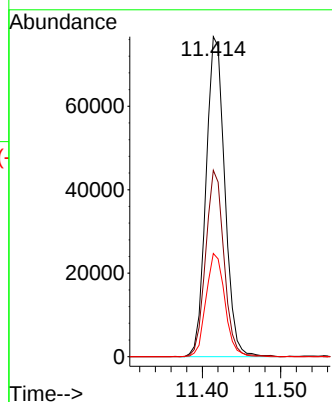
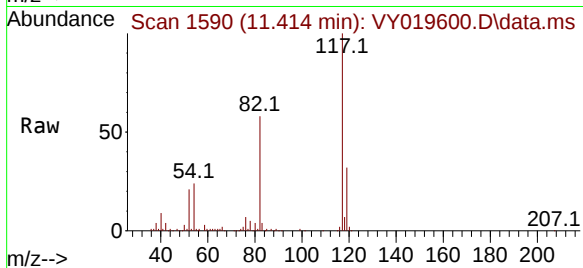
Tgt Ion:117 Resp: 127198

Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019600.D

Acq: 18 Sep 2024 13:00

Tgt Ion:152 Resp: 39551

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 157.7 0.0 345.6

