

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021820.D
 Acq On : 09 Apr 2025 15:37
 Operator : SY/MD
 Sample : Q1754-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-CONCRETE

Quant Time: Apr 10 01:44:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	212153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	404631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	351176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	132492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120336	52.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.700%
35) Dibromofluoromethane	7.634	113	116136	44.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.500%
50) Toluene-d8	10.109	98	493970	49.469	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.408	95	136941	40.545	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.080%

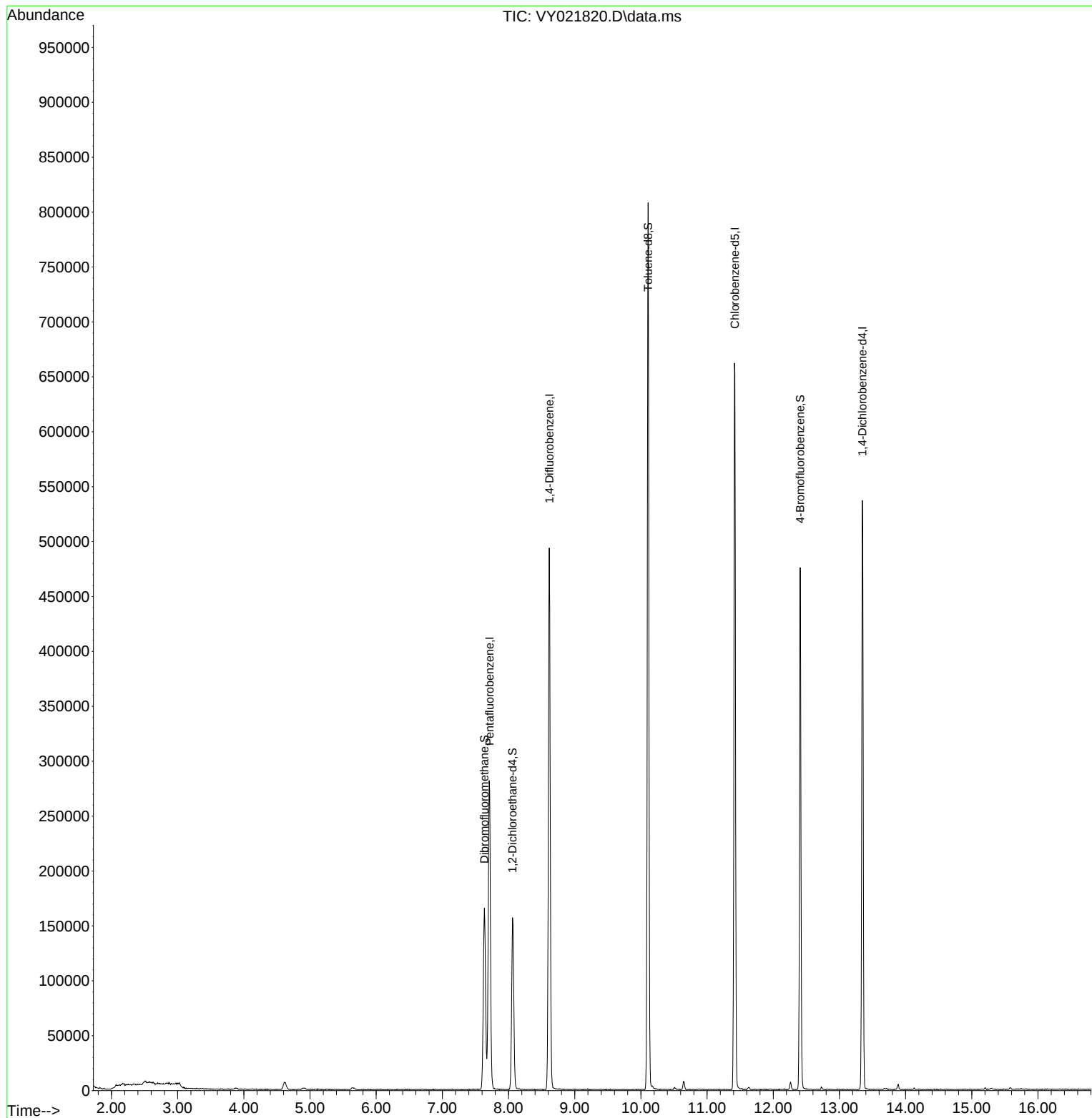
Target Compounds	Qvalue

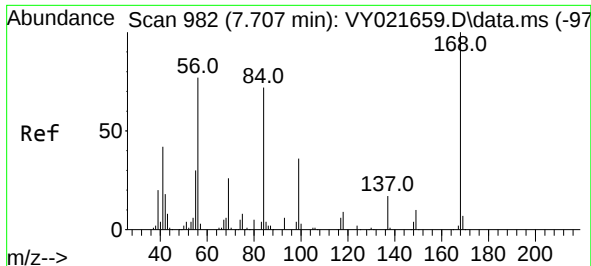
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
Data File : VY021820.D
Acq On : 09 Apr 2025 15:37
Operator : SY/MD
Sample : Q1754-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-CONCRETE

Quant Time: Apr 10 01:44:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

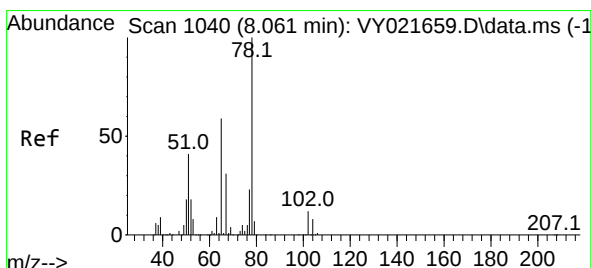
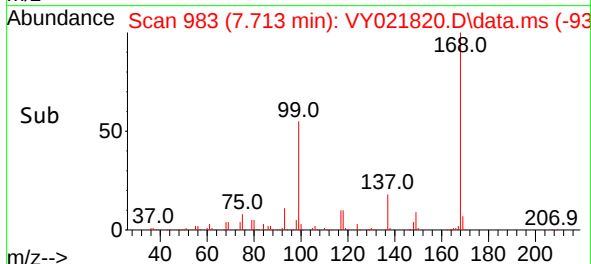
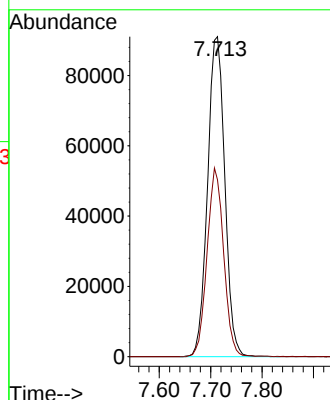
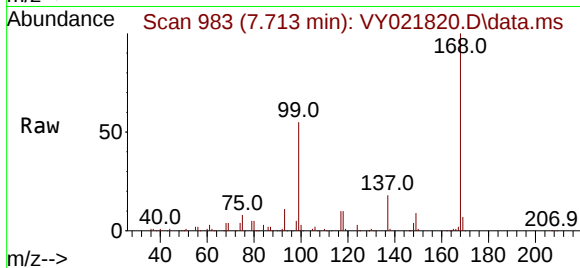




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

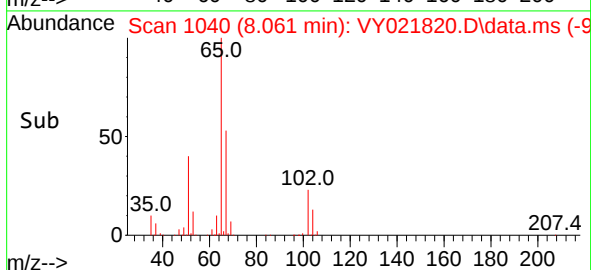
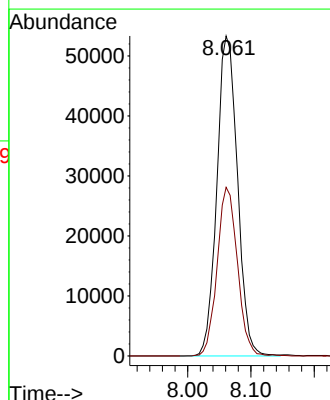
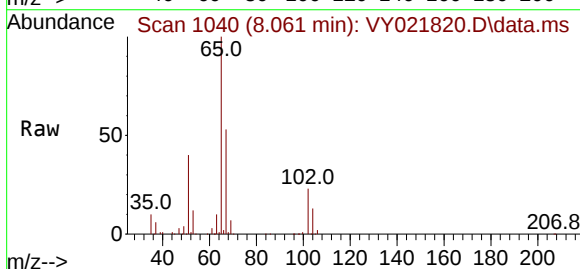
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-CONCRETE

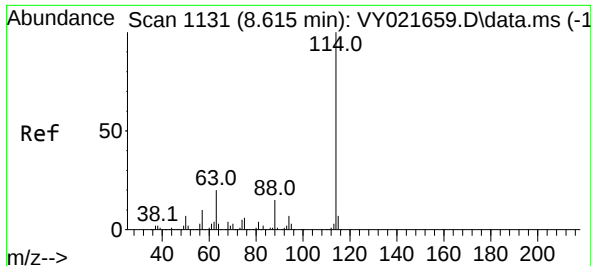
Tgt Ion:168 Resp: 212153
Ion Ratio Lower Upper
168 100
99 55.3 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 52.352 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion: 65 Resp: 120336
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6

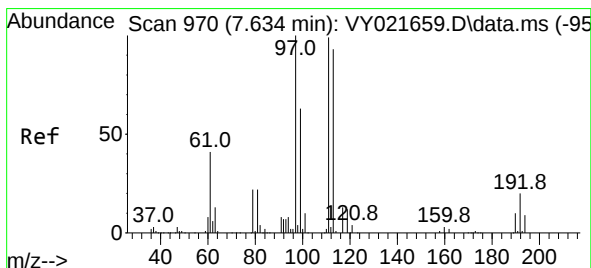
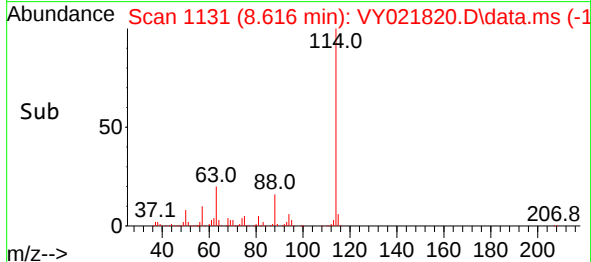
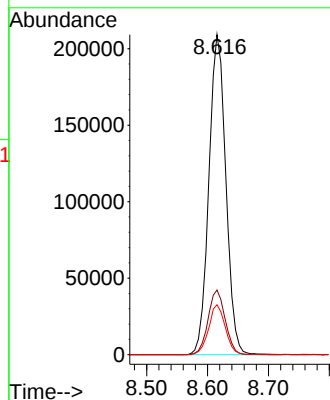
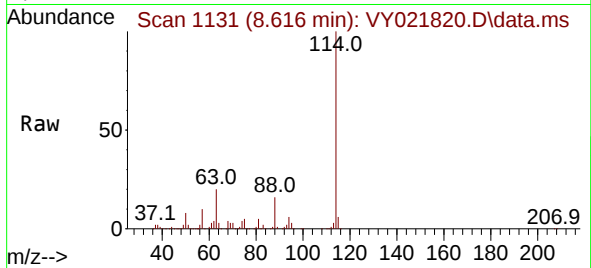




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

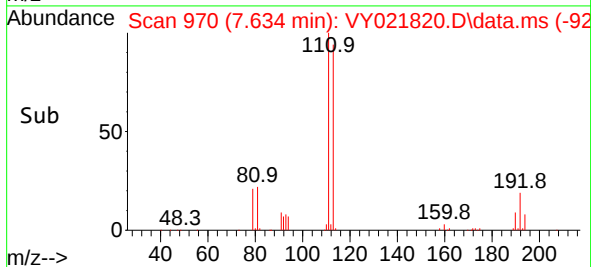
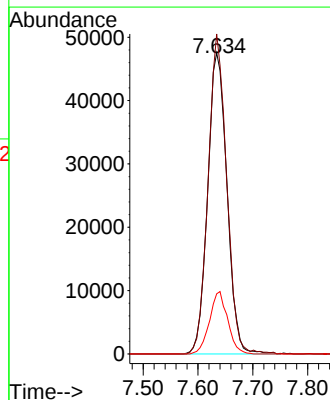
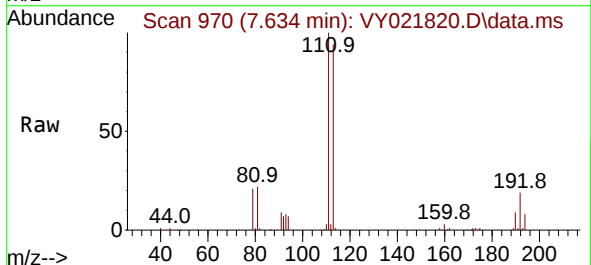
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-CONCRETE

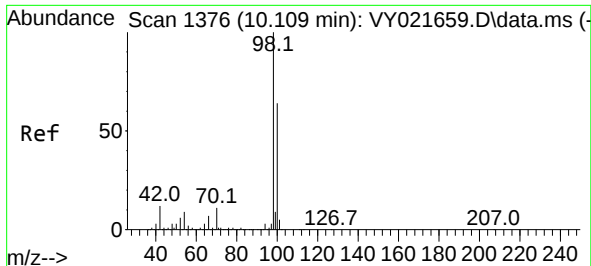
Tgt Ion:114 Resp: 404631
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 15.6 0.0 29.8



#35
Dibromofluoromethane
Concen: 44.246 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion:113 Resp: 116136
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.5 16.2 24.4

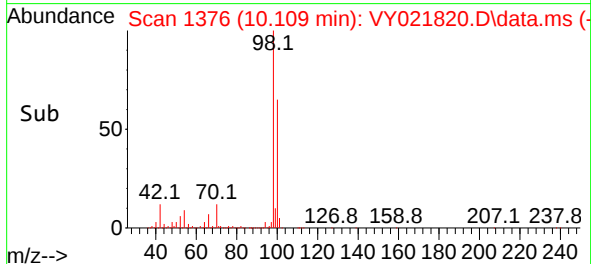
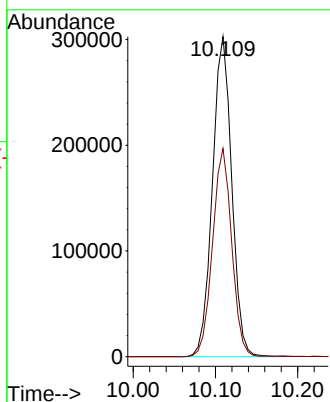
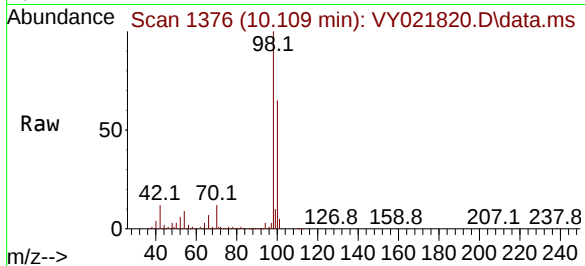




#50
Toluene-d8
Concen: 49.469 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

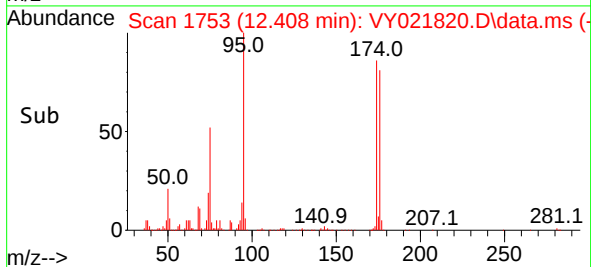
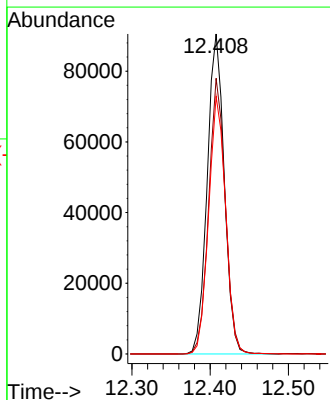
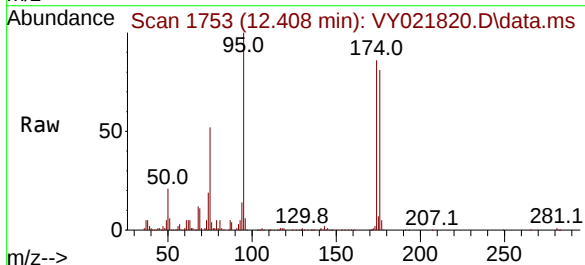
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-CONCRETE

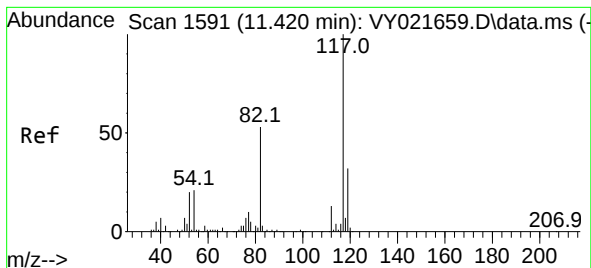
Tgt Ion: 98 Resp: 493970
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.545 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion: 95 Resp: 136941
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.8
176 80.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021820.D

Acq: 09 Apr 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-CONCRETE

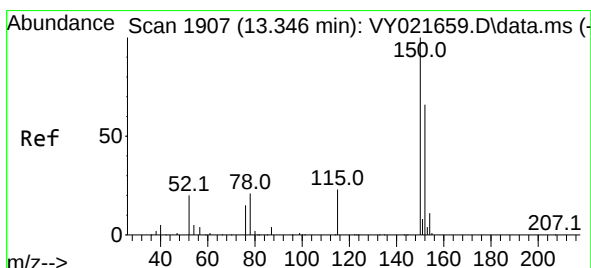
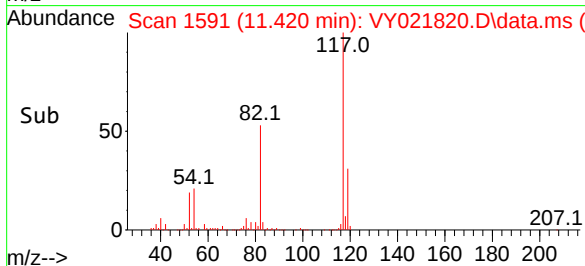
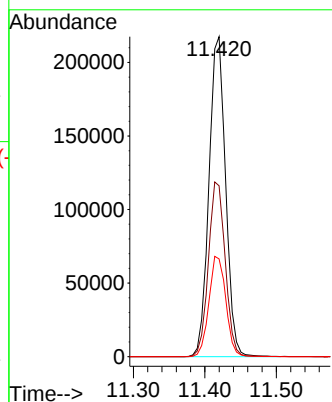
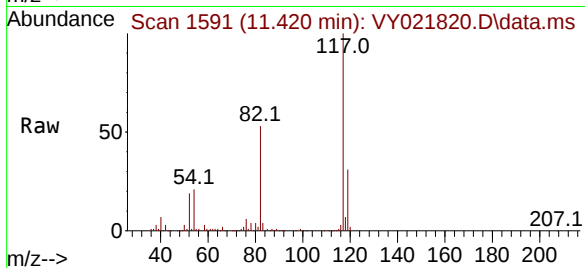
Tgt Ion:117 Resp: 351176

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

119 30.6 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021820.D

Acq: 09 Apr 2025 15:37

Tgt Ion:152 Resp: 132492

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.3 0.0 348.4

