

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021082.D
 Acq On : 05 Feb 2025 12:40
 Operator : SY/MD
 Sample : Q1262-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Feb 05 13:46:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	155058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	287029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	274887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	118018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	92526	58.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.640	113	93150	50.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.280%
50) Toluene-d8	10.109	98	359086	51.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.408	95	123141	53.824	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.640%

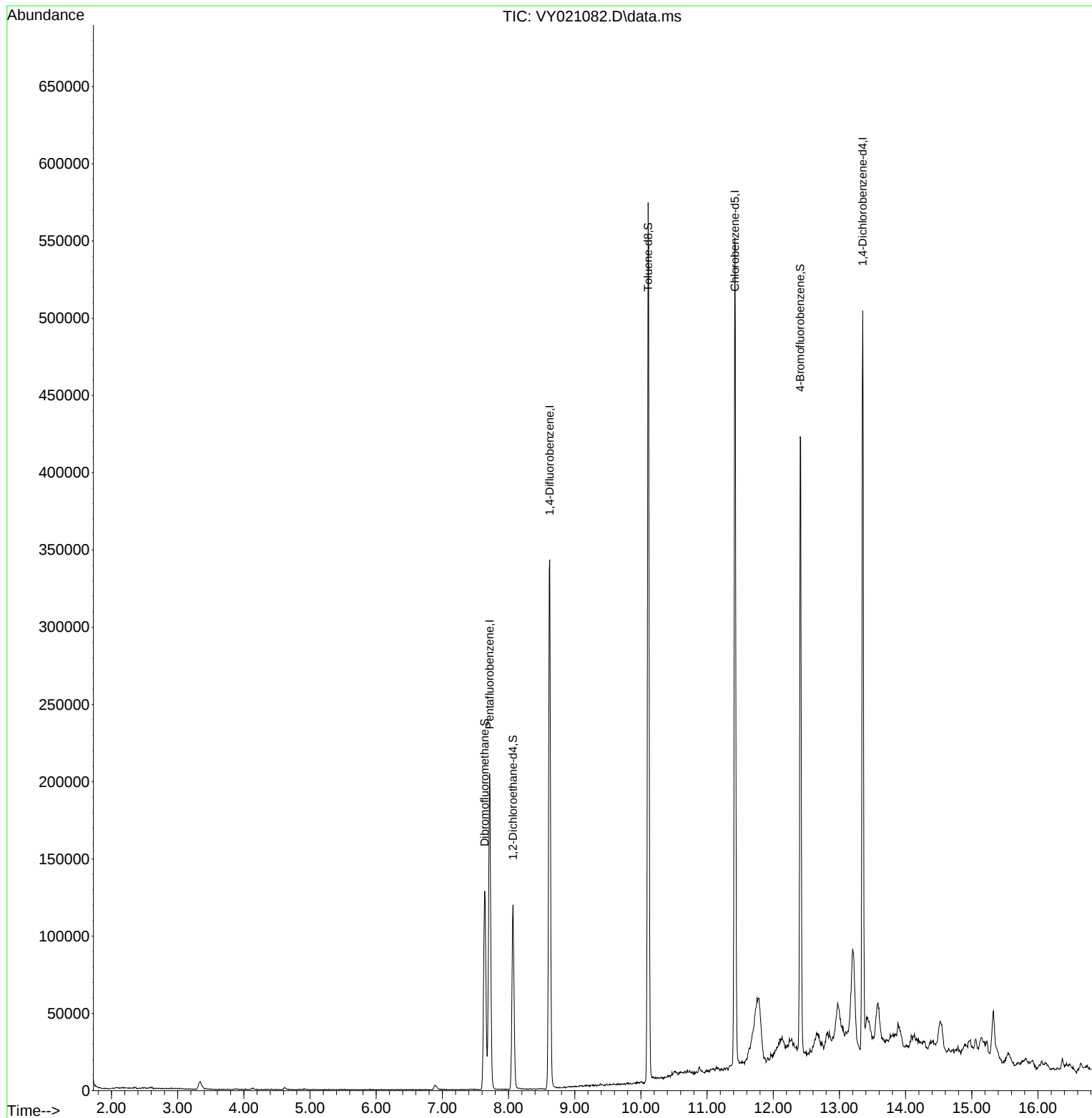
Target Compounds	Qvalue

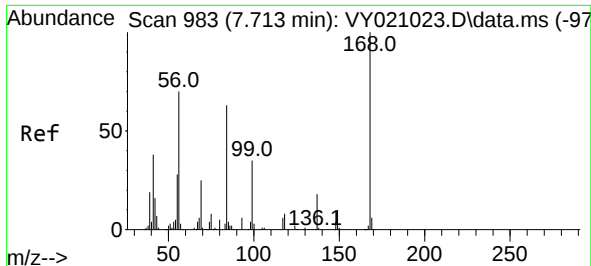
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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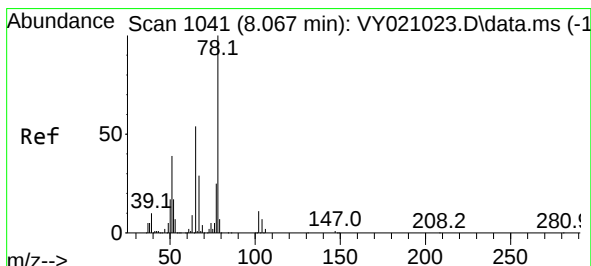
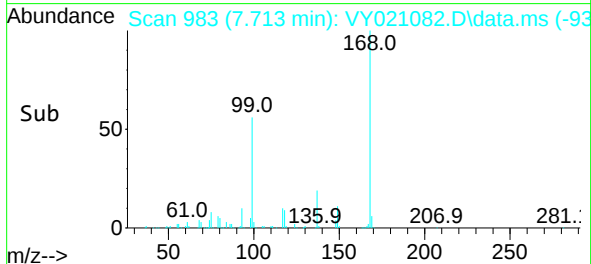
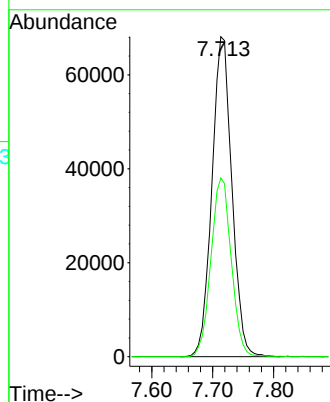
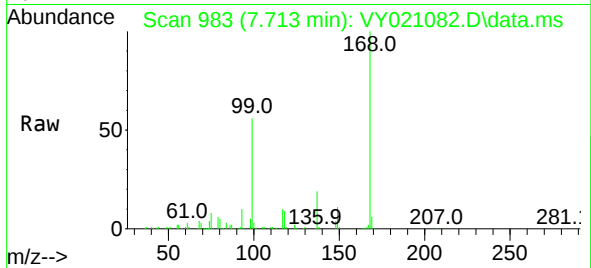




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021082.D
Acq: 05 Feb 2025 12:40

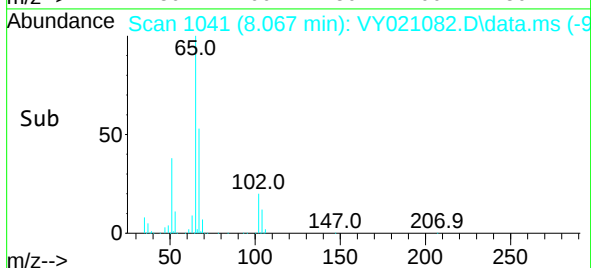
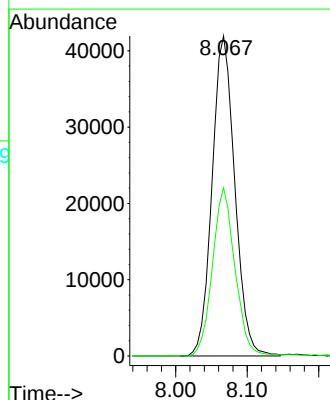
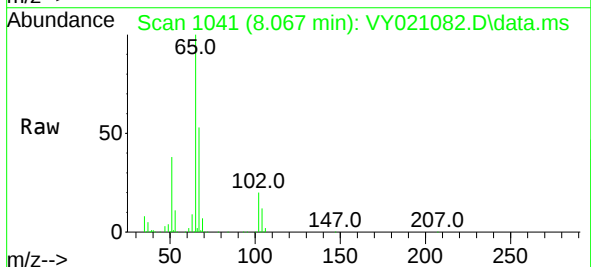
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PAD

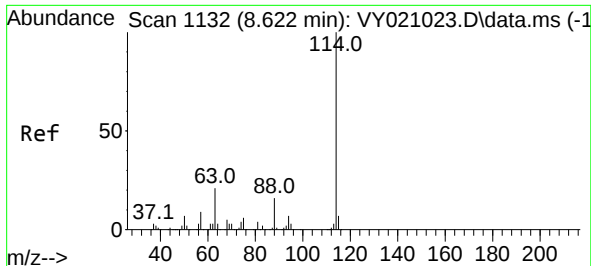
Tgt Ion:168 Resp: 155058
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 58.240 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021082.D
Acq: 05 Feb 2025 12:40

Tgt Ion: 65 Resp: 92526
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021082.D

Acq: 05 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-PAD

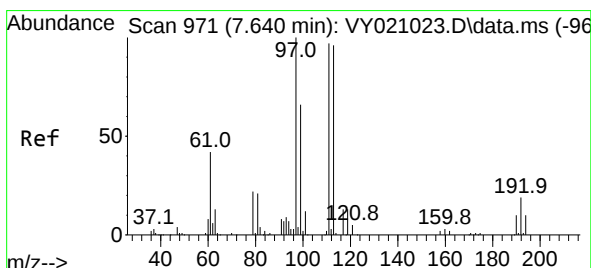
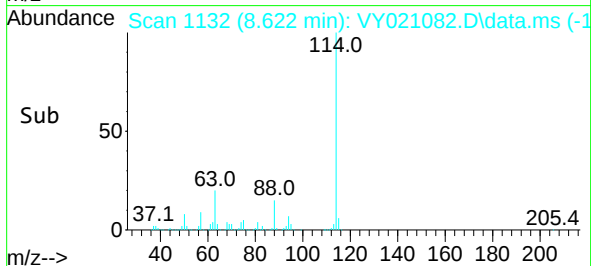
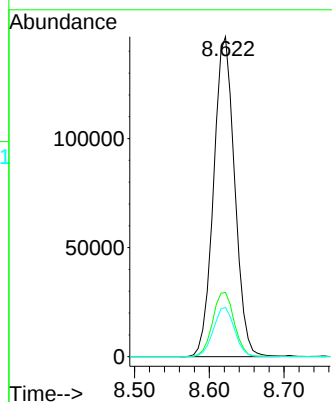
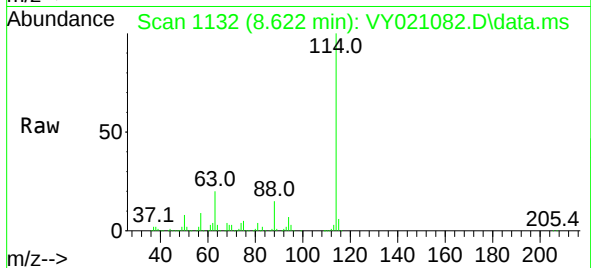
Tgt Ion:114 Resp: 287029

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.639 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021082.D

Acq: 05 Feb 2025 12:40

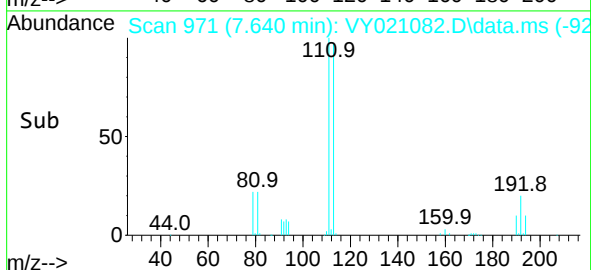
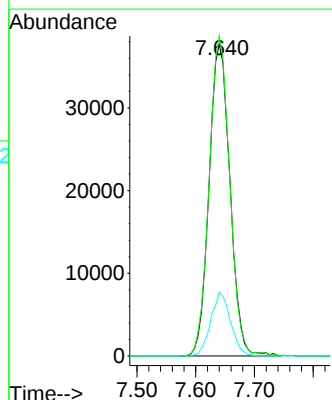
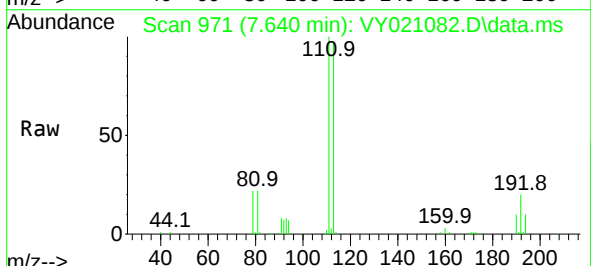
Tgt Ion:113 Resp: 93150

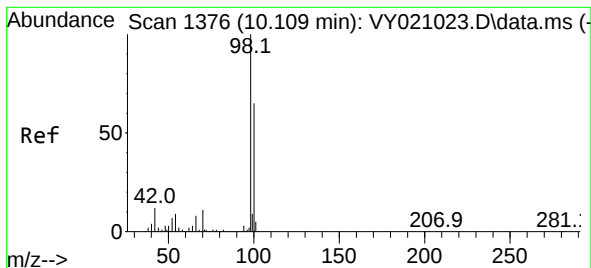
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 19.4 14.5 21.7

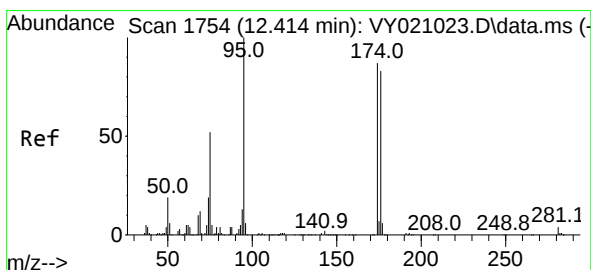
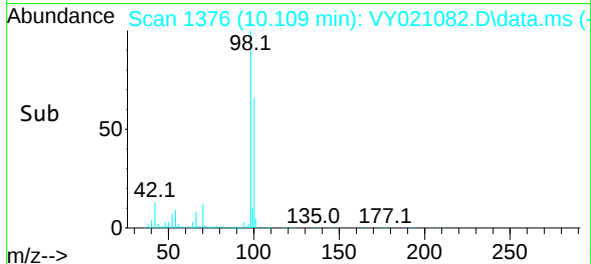
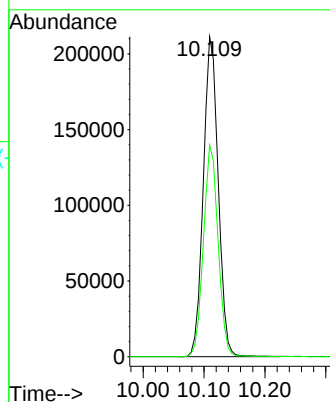
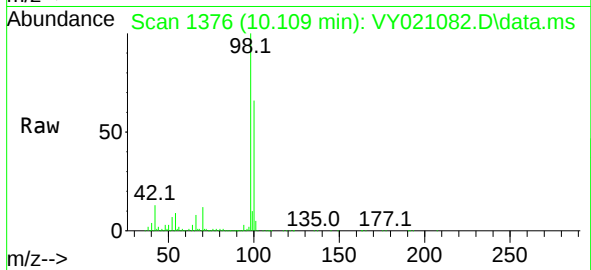




#50
Toluene-d8
Concen: 51.276 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021082.D
Acq: 05 Feb 2025 12:40

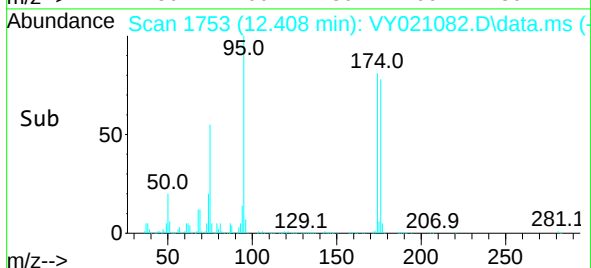
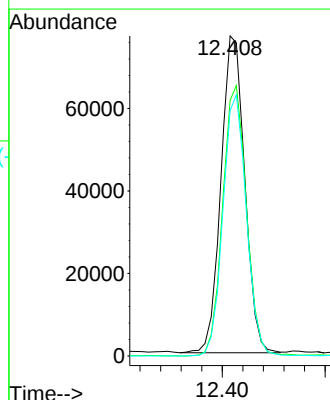
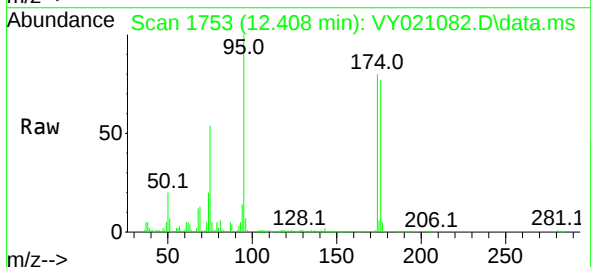
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PAD

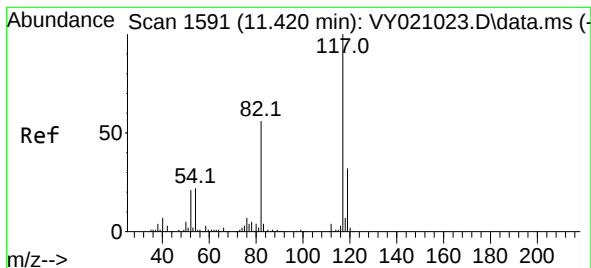
Tgt Ion: 98 Resp: 359086
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 53.824 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021082.D
Acq: 05 Feb 2025 12:40

Tgt Ion: 95 Resp: 123141
Ion Ratio Lower Upper
95 100
174 85.6 0.0 160.0
176 81.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021082.D

Acq: 05 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-PAD

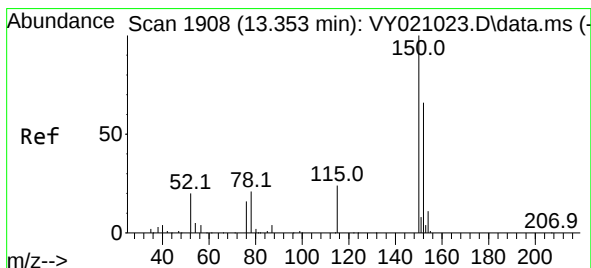
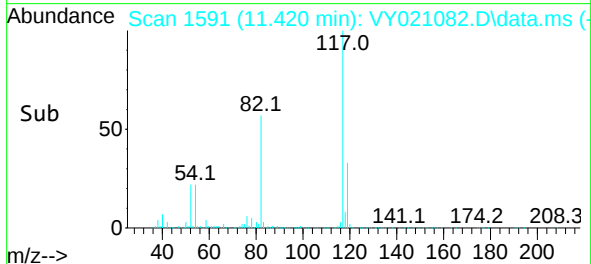
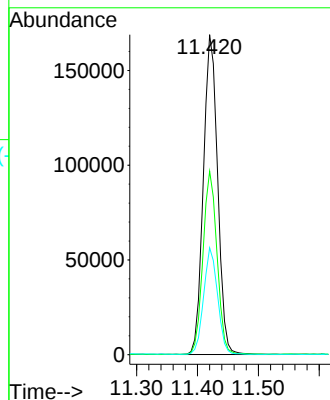
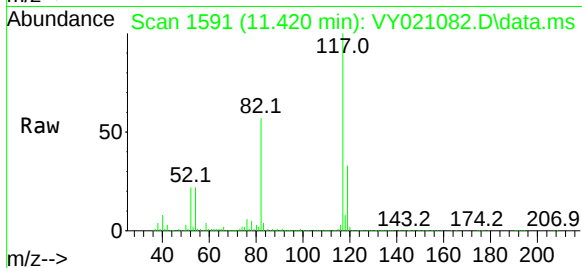
Tgt Ion:117 Resp: 274887

Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.8

119 33.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021082.D

Acq: 05 Feb 2025 12:40

Tgt Ion:152 Resp: 118018

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 155.5 0.0 344.6

