

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019386.D
 Acq On : 29 Aug 2024 22:10
 Operator : SY/MD
 Sample : P3745-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CM-SOIL-PILERE

Quant Time: Aug 30 04:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	29614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	46660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	36308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	14253	50.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.620%
35) Dibromofluoromethane	7.628	113	15481	52.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.109	98	48429	44.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.200%
62) 4-Bromofluorobenzene	12.408	95	11832	33.686	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	67.380%

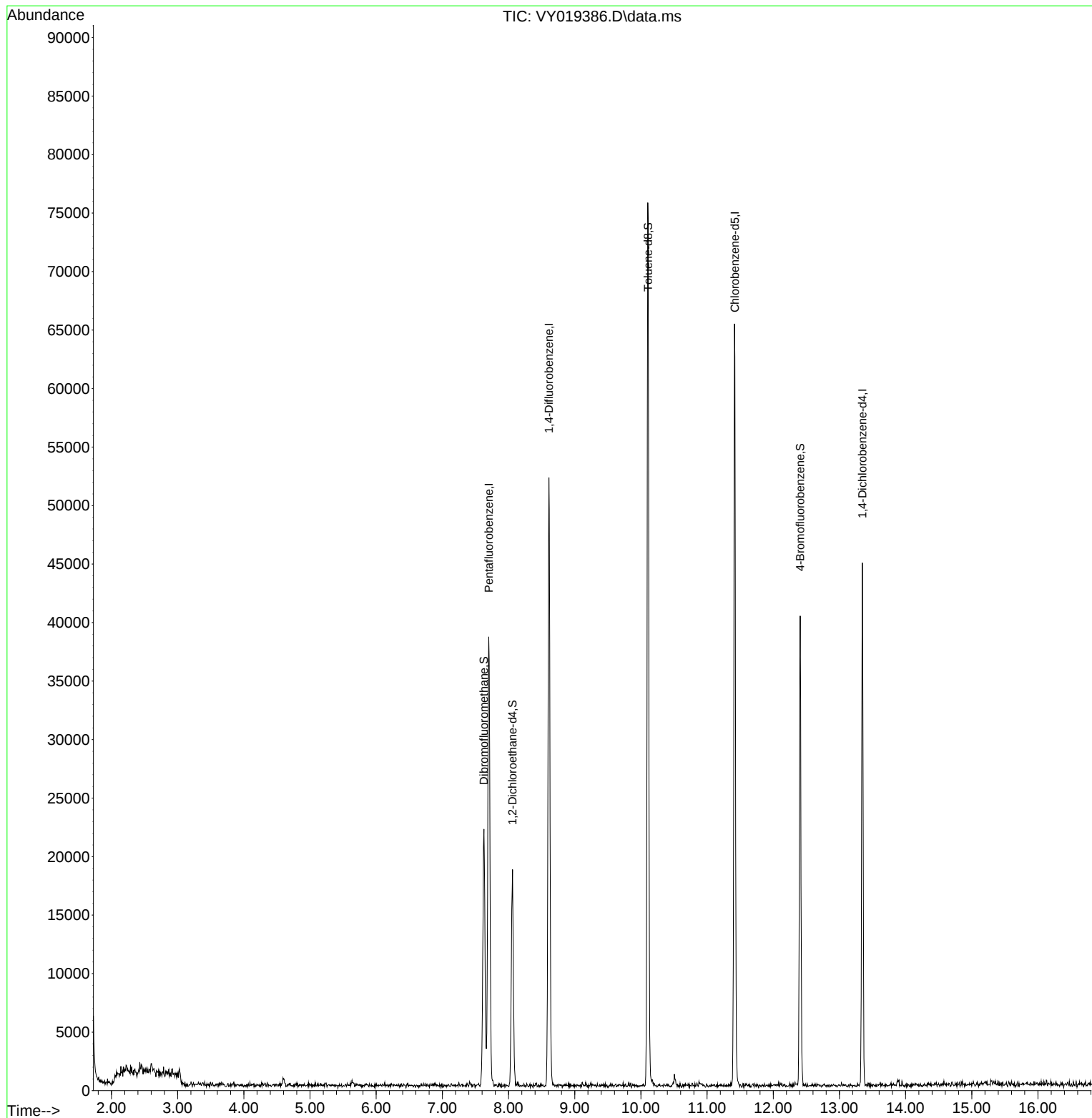
Target Compounds	Qvalue

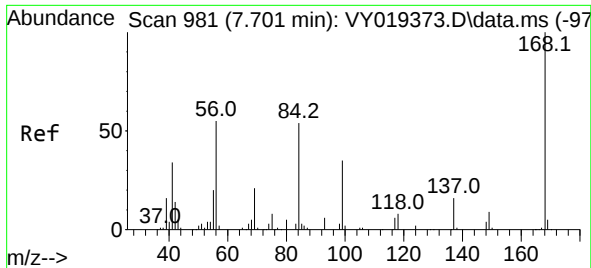
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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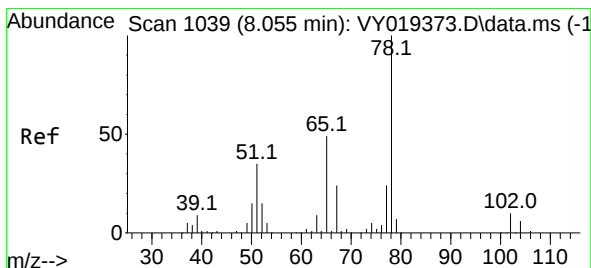
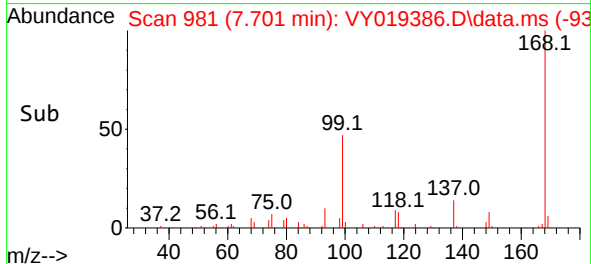
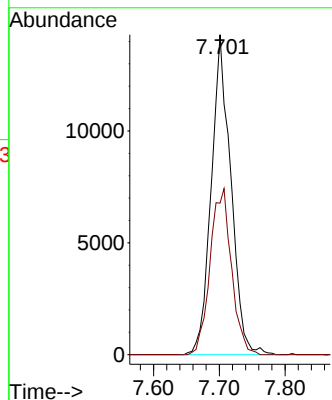
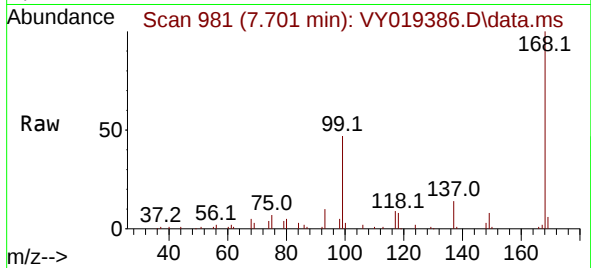




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

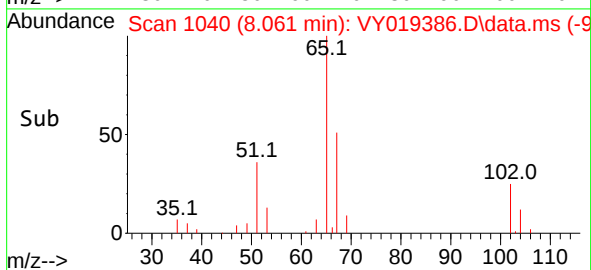
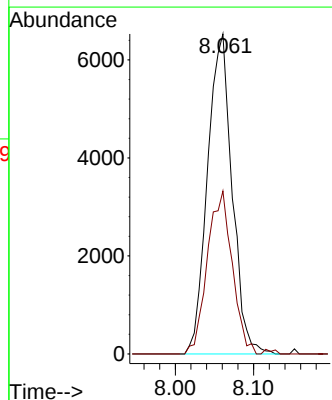
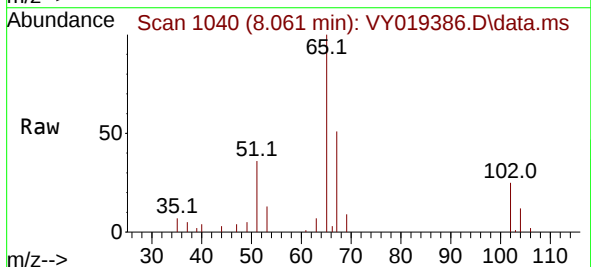
Instrument :
MSVOA_Y
ClientSampleId :
CM-SOIL-PILERE

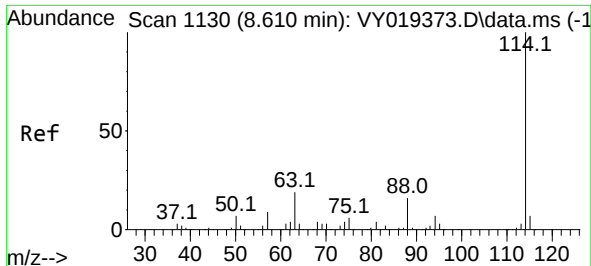
Tgt Ion:168 Resp: 29614
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.813 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

Tgt Ion: 65 Resp: 14253
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

Instrument :

MSVOA_Y

ClientSampleId :

CM-SOIL-PILERE

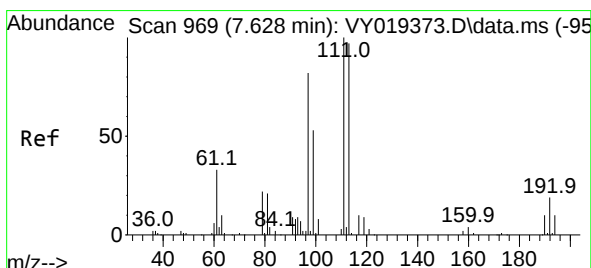
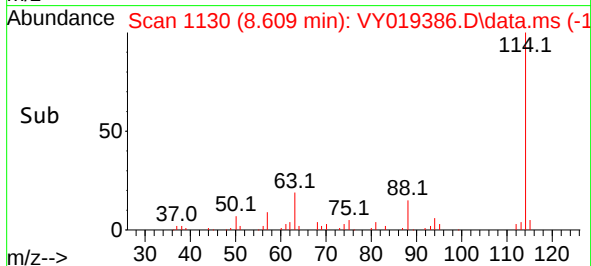
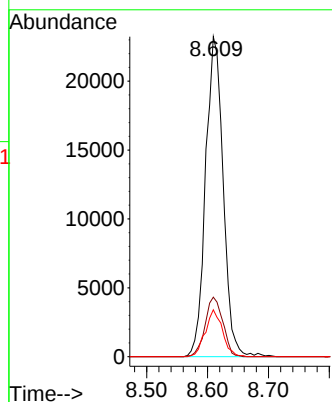
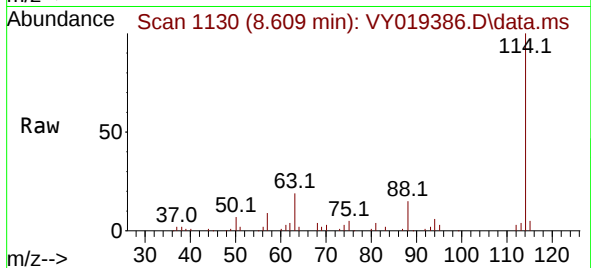
Tgt Ion:114 Resp: 46660

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.478 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

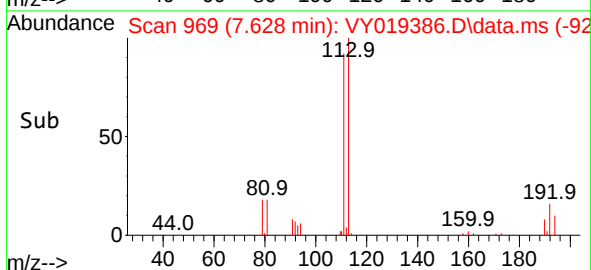
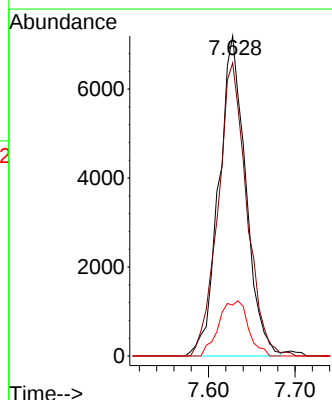
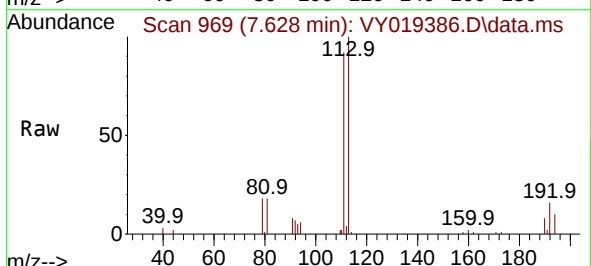
Tgt Ion:113 Resp: 15481

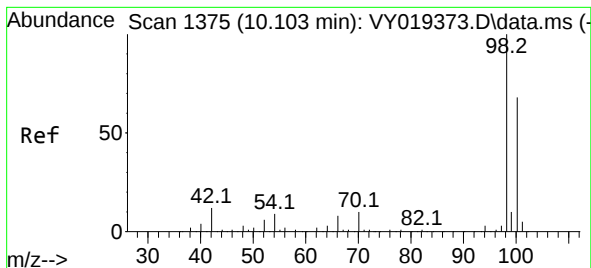
Ion Ratio Lower Upper

113 100

111 97.6 82.2 123.4

192 18.9 15.9 23.9





#50

Toluene-d8

Concen: 44.596 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

Instrument :

MSVOA_Y

ClientSampleId :

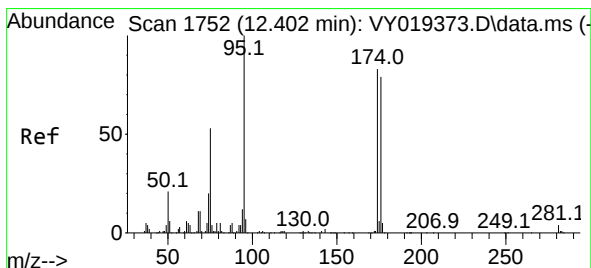
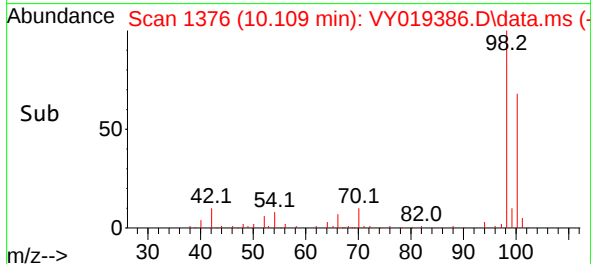
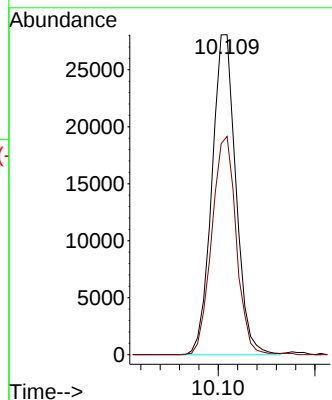
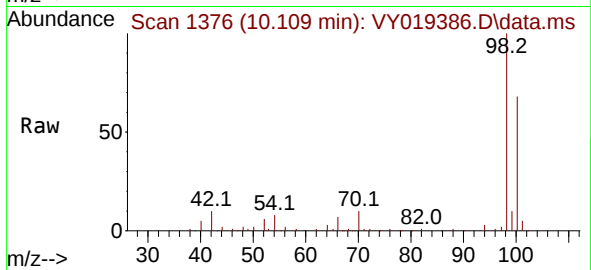
CM-SOIL-PILERE

Tgt Ion: 98 Resp: 48429

Ion Ratio Lower Upper

98 100

100 69.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 33.686 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

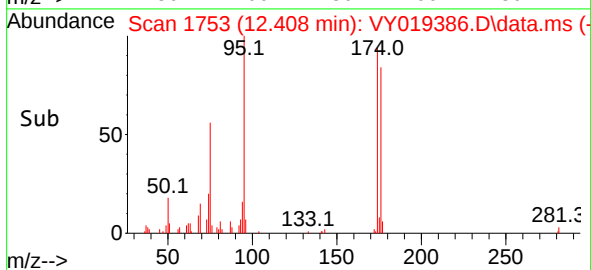
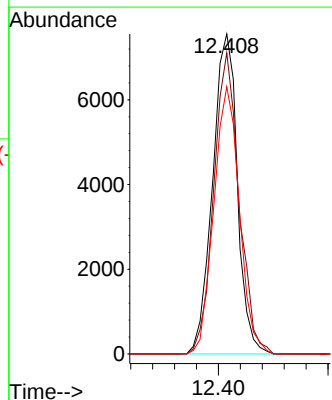
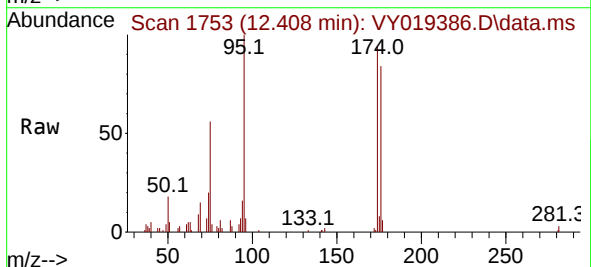
Tgt Ion: 95 Resp: 11832

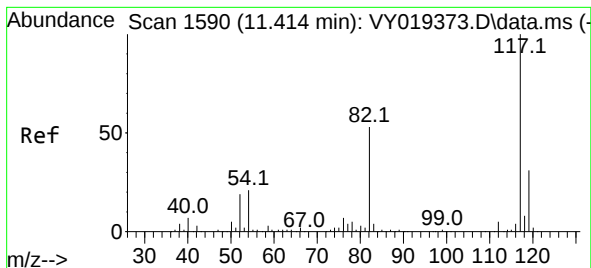
Ion Ratio Lower Upper

95 100

174 96.0 0.0 175.6

176 86.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

Instrument :

MSVOA_Y

ClientSampleId :

CM-SOIL-PILERE

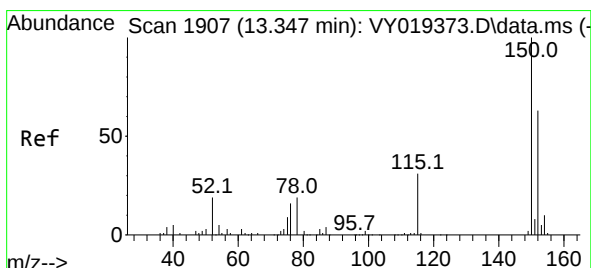
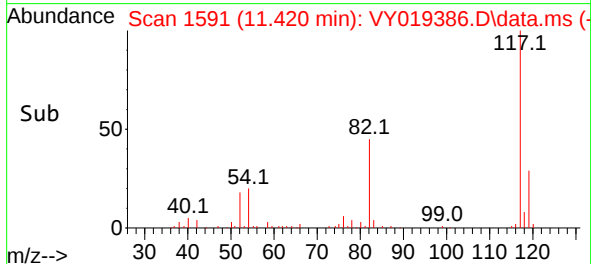
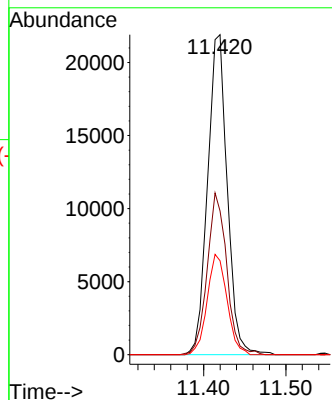
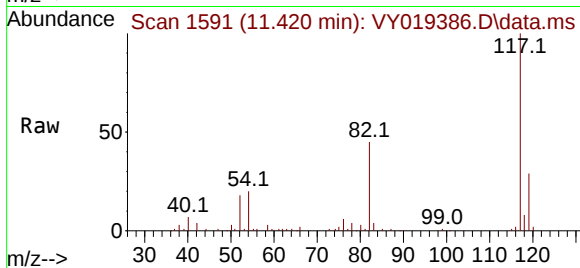
Tgt Ion:117 Resp: 36308

Ion Ratio Lower Upper

117 100

82 44.9 42.4 63.6

119 29.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

Tgt Ion:152 Resp: 10472

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 164.6 0.0 345.6

