

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021358.D
 Acq On : 27 Feb 2025 15:12
 Operator : SY/MD
 Sample : Q1421-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF02-01

Quant Time: Feb 28 00:42:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

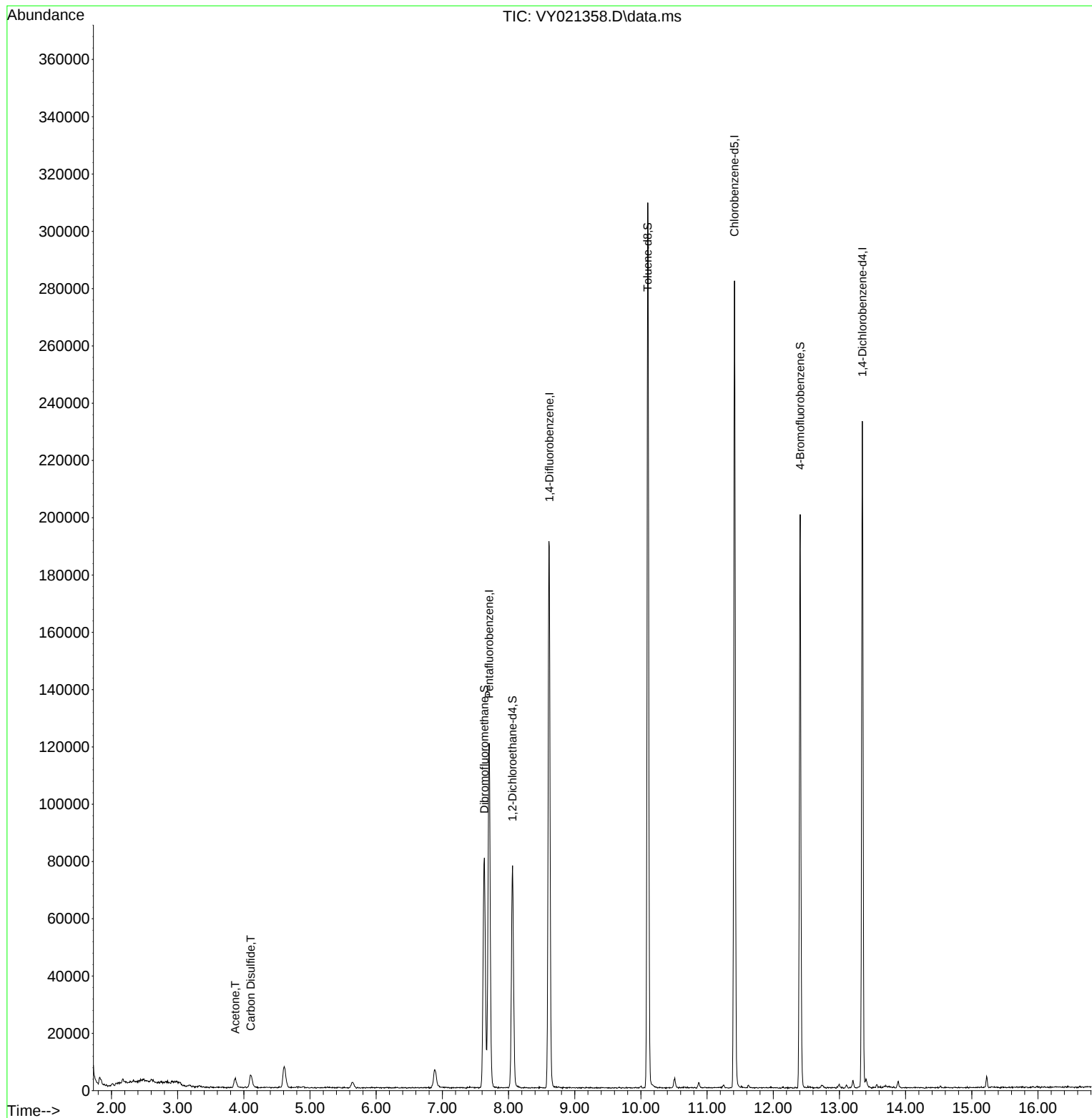
Internal Standards						
1) Pentafluorobenzene	7.707	168	91795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	159126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	54872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	61063	58.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.280%
35) Dibromofluoromethane	7.634	113	55964	53.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.280%
50) Toluene-d8	10.103	98	194452	48.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.408	95	56916	41.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.900%
Target Compounds						
16) Acetone	3.873	43	5462	27.344	ug/l	94
17) Carbon Disulfide	4.104	76	7983	2.603	ug/l	98

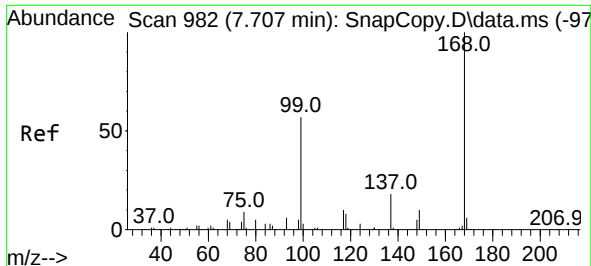
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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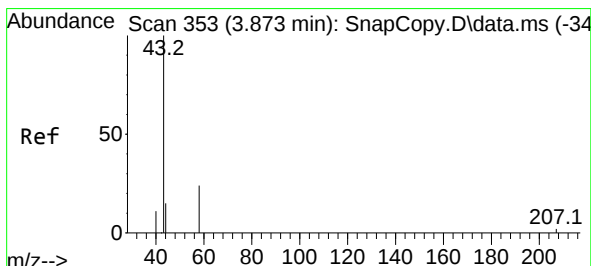
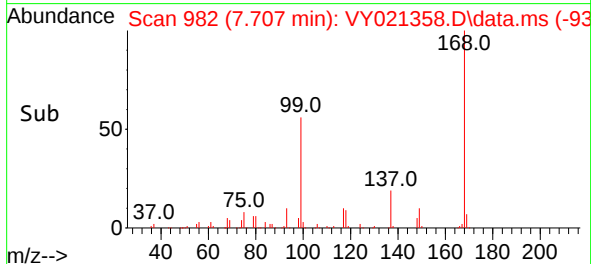
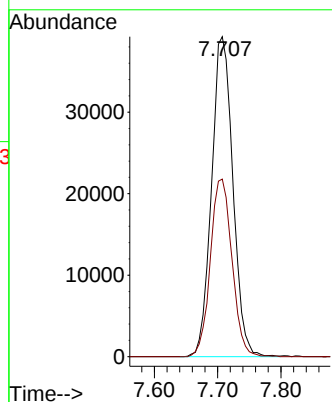
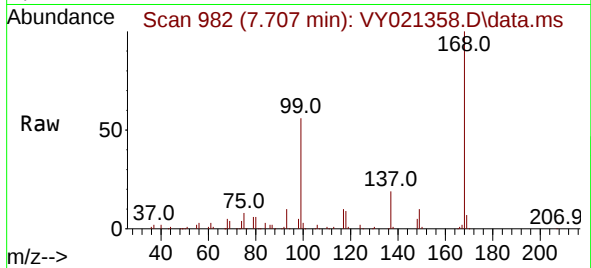




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

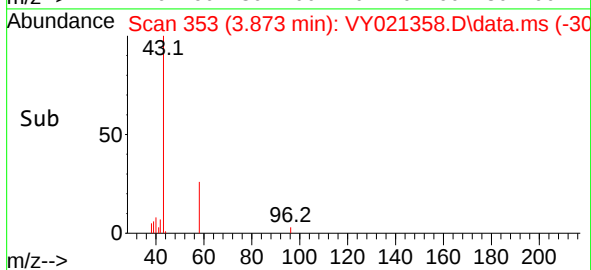
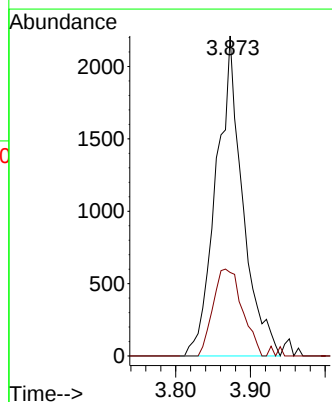
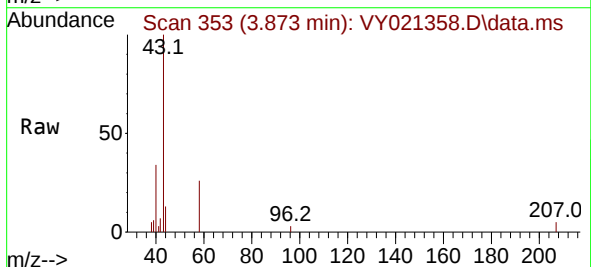
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF02-01

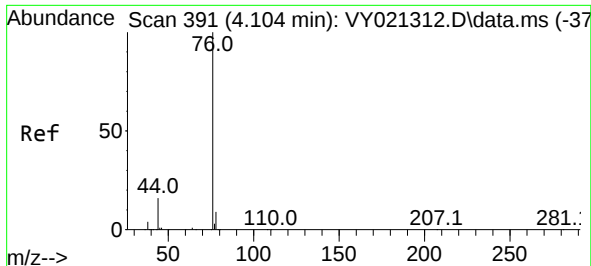
Tgt Ion:168 Resp: 91795
Ion Ratio Lower Upper
168 100
99 55.5 47.1 70.7



#16
Acetone
Concen: 27.344 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

Tgt Ion: 43 Resp: 5462
Ion Ratio Lower Upper
43 100
58 26.1 23.5 35.3

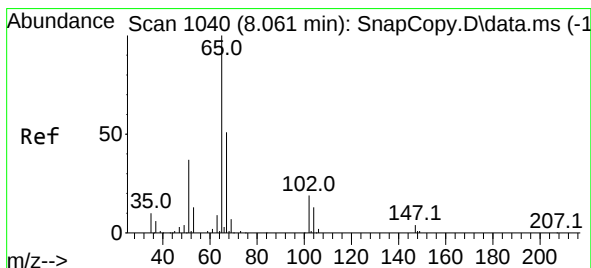
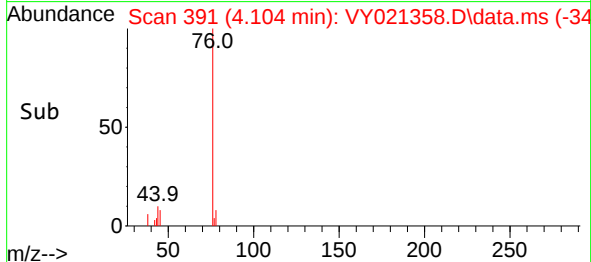
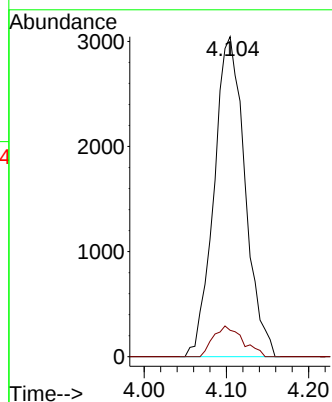
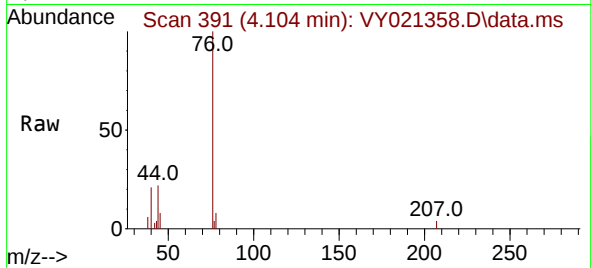




#17
Carbon Disulfide
Concen: 2.603 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

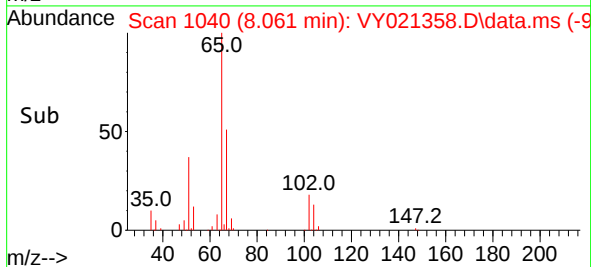
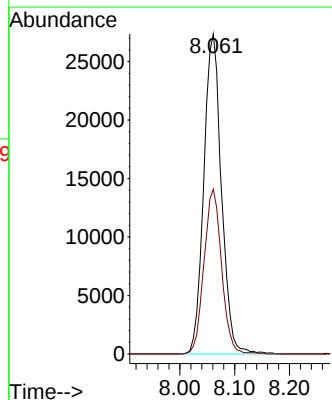
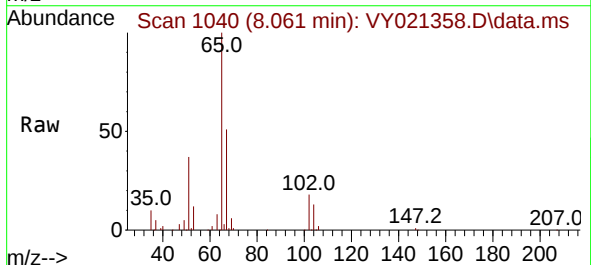
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF02-01

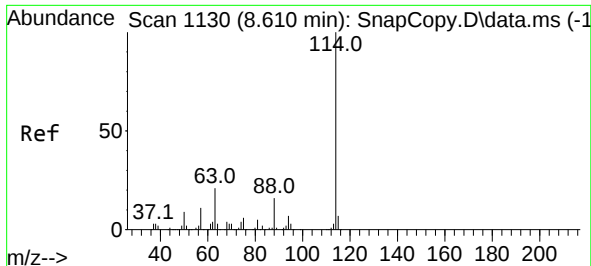
Tgt Ion: 76 Resp: 7983
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#33
1,2-Dichloroethane-d4
Concen: 58.639 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

Tgt Ion: 65 Resp: 61063
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY021358.D

Acq: 27 Feb 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF02-01

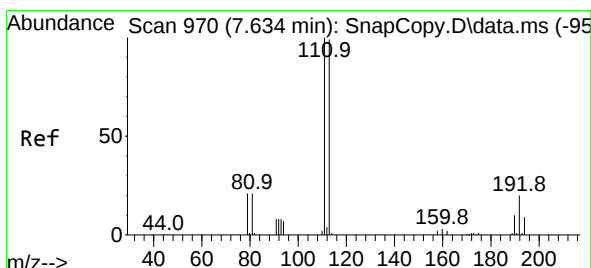
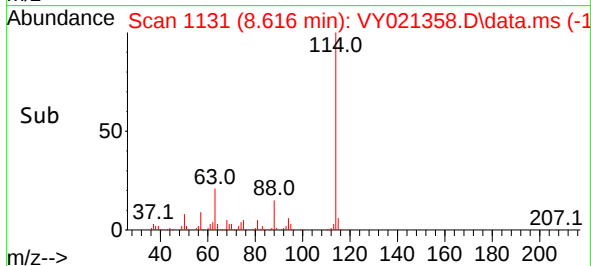
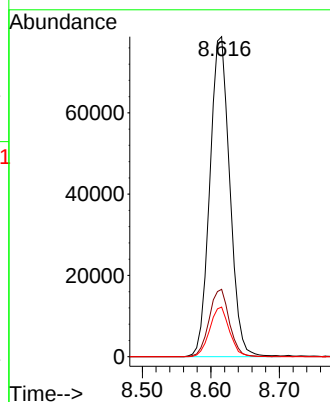
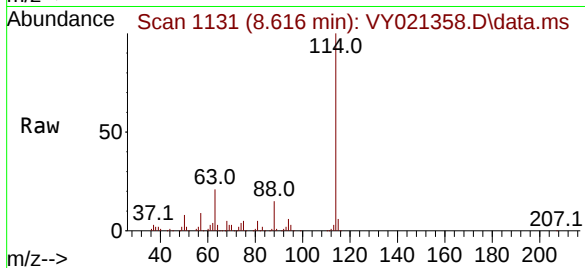
Tgt Ion:114 Resp: 159126

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 15.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 53.644 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021358.D

Acq: 27 Feb 2025 15:12

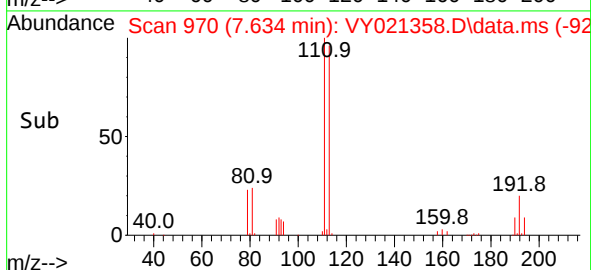
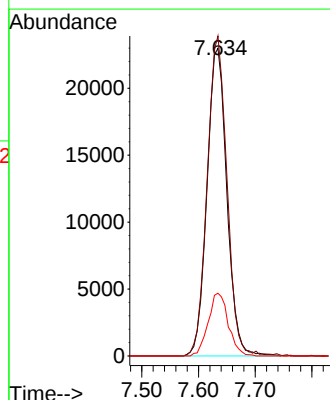
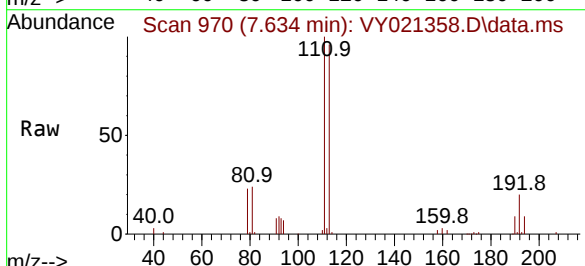
Tgt Ion:113 Resp: 55964

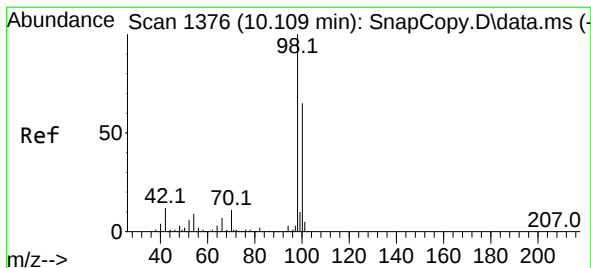
Ion Ratio Lower Upper

113 100

111 103.8 81.0 121.6

192 20.7 15.8 23.8





#50

Toluene-d8

Concen: 48.229 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021358.D

Acq: 27 Feb 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

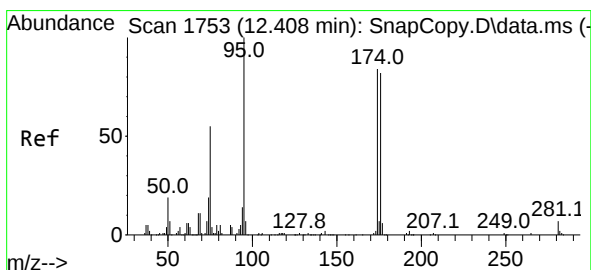
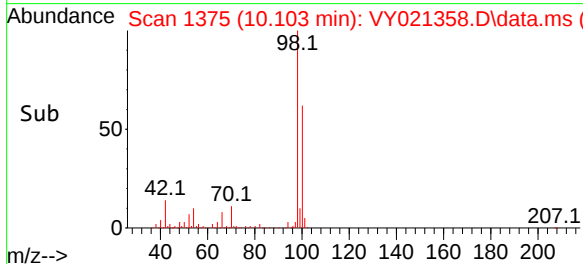
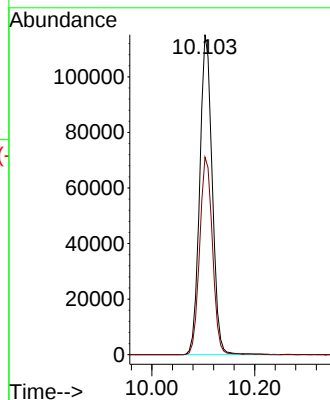
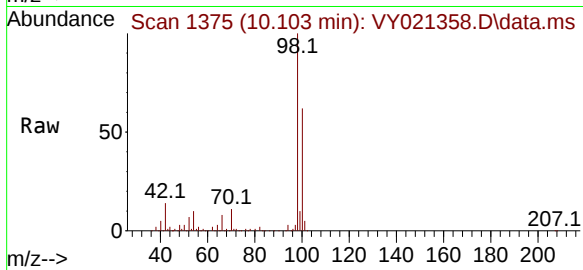
P001-CLAY-CF02-01

Tgt Ion: 98 Resp: 194452

Ion Ratio Lower Upper

98 100

100 63.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 41.946 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021358.D

Acq: 27 Feb 2025 15:12

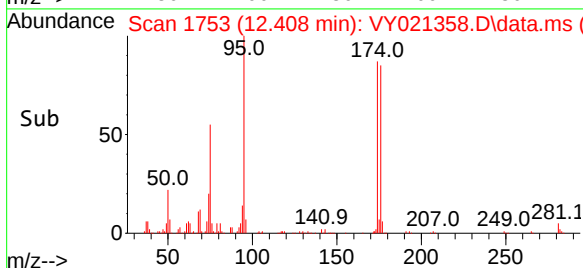
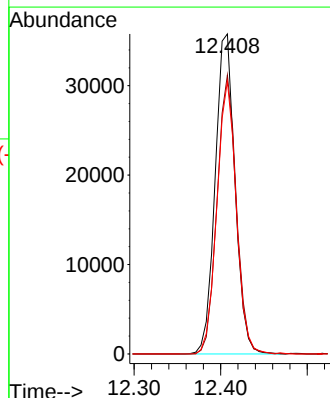
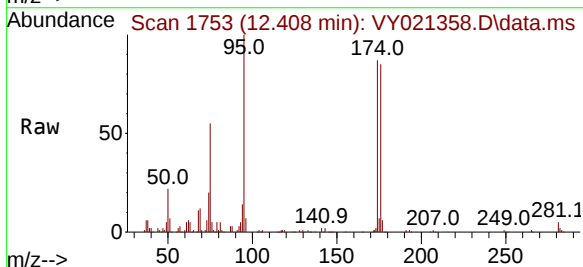
Tgt Ion: 95 Resp: 56916

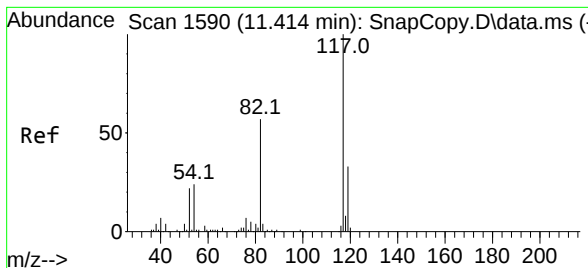
Ion Ratio Lower Upper

95 100

174 85.0 0.0 168.0

176 83.1 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021358.D

Acq: 27 Feb 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

P001-CLAY-CF02-01

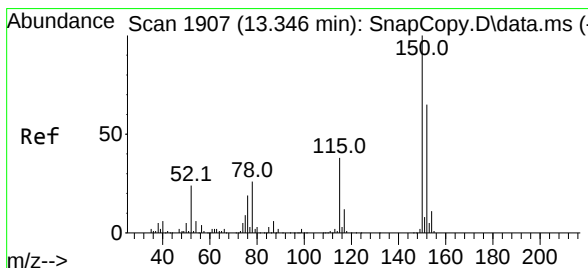
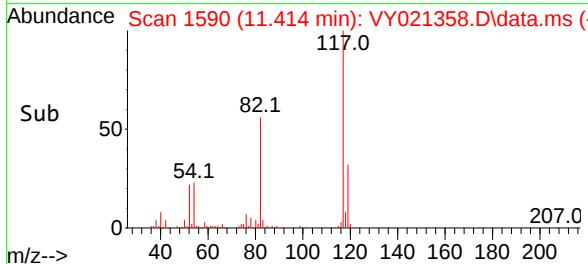
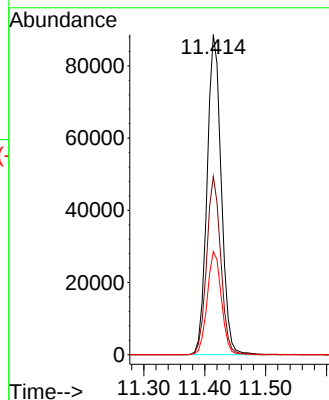
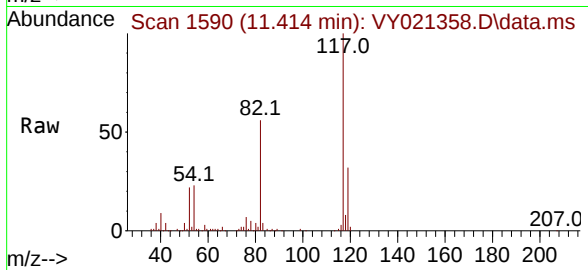
Tgt Ion:117 Resp: 143467

Ion Ratio Lower Upper

117 100

82 55.7 46.2 69.4

119 32.2 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021358.D

Acq: 27 Feb 2025 15:12

Tgt Ion:152 Resp: 54872

Ion Ratio Lower Upper

152 100

115 57.6 29.3 88.0

150 158.2 0.0 347.4

