

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022316.D
 Acq On : 19 May 2025 14:12
 Operator : SY/MD
 Sample : Q2062-07
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L1-WC-2-VOC

Quant Time: May 20 01:13:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

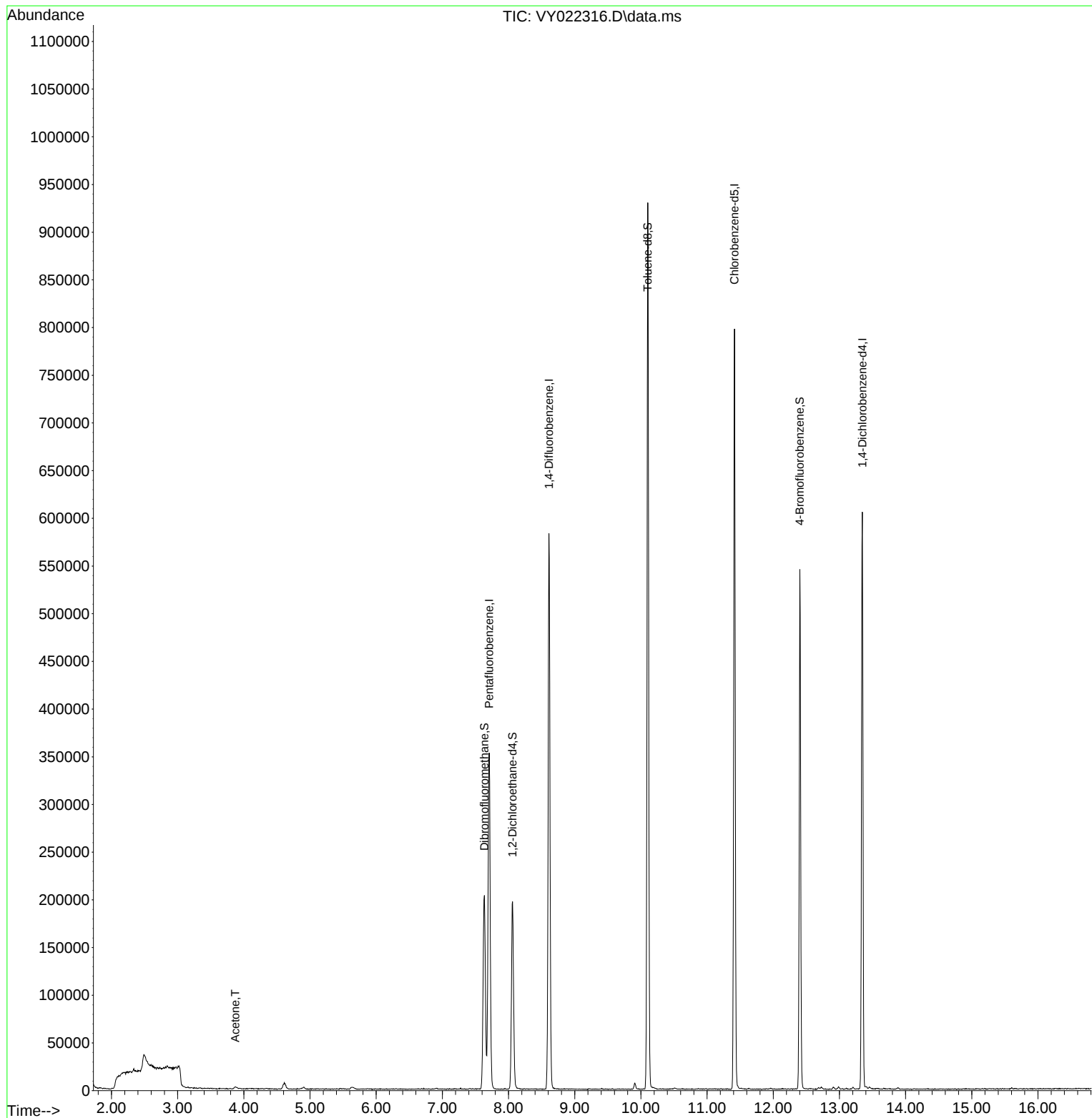
Internal Standards						
1) Pentafluorobenzene	7.707	168	265968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	473236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	382351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	143050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145089	49.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.634	113	141637	50.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.103	98	570438	49.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.402	95	147732	40.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.580%
Target Compounds						
16) Acetone	3.873	43	3801	6.974	ug/l	Qvalue 98

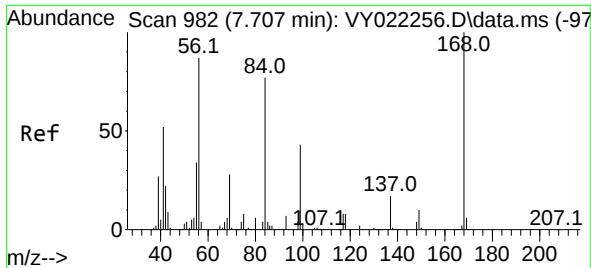
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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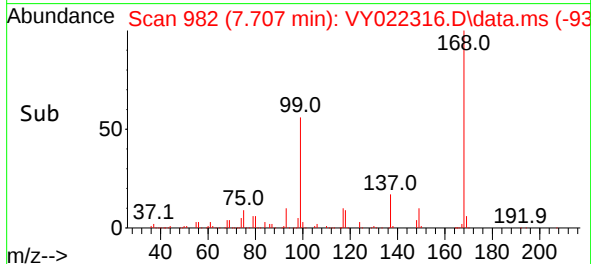
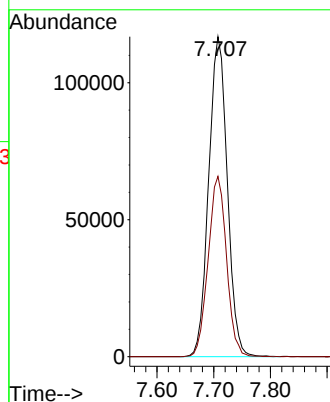
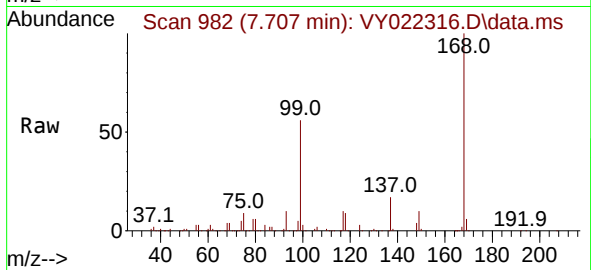




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022316.D
Acq: 19 May 2025 14:12

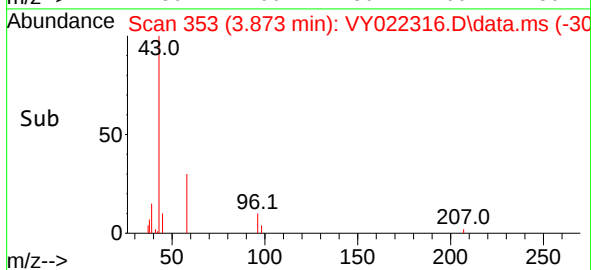
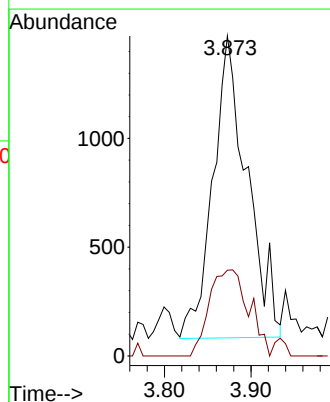
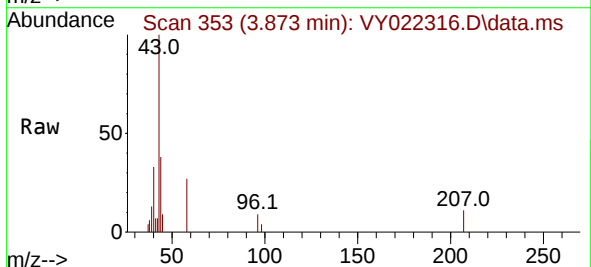
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-2-VOC

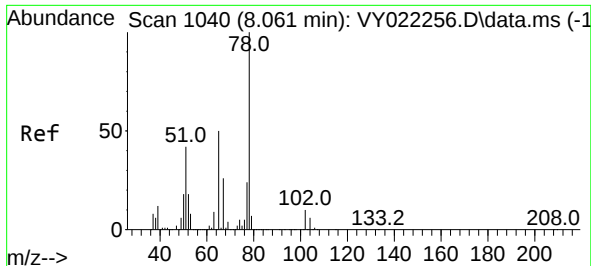
Tgt Ion:168 Resp: 265968
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#16
Acetone
Concen: 6.974 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022316.D
Acq: 19 May 2025 14:12

Tgt Ion: 43 Resp: 3801
Ion Ratio Lower Upper
43 100
58 28.5 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 49.914 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY022316.D

Acq: 19 May 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

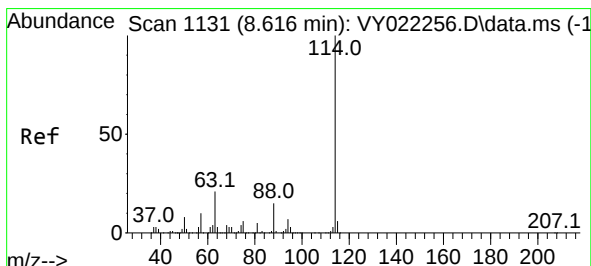
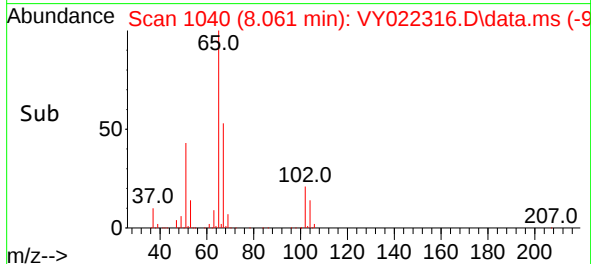
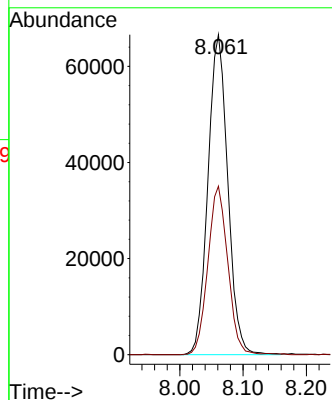
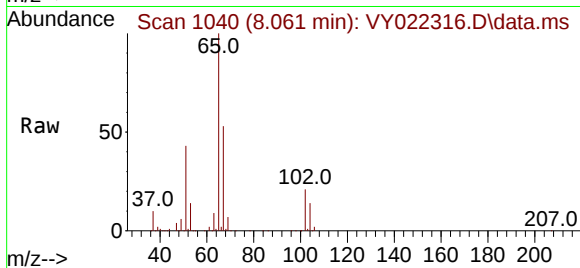
L1-WC-2-VOC

Tgt Ion: 65 Resp: 145089

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022316.D

Acq: 19 May 2025 14:12

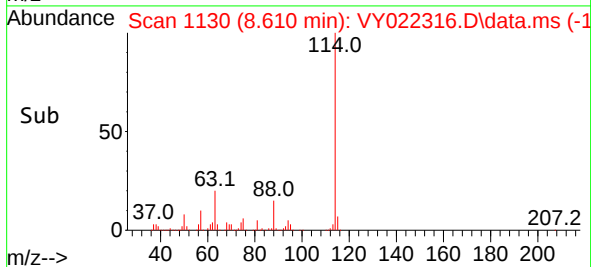
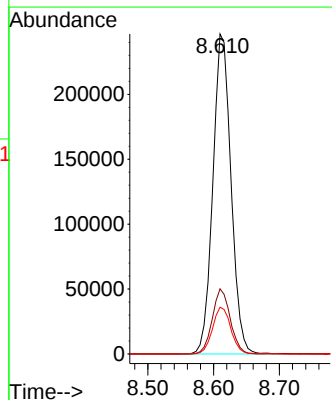
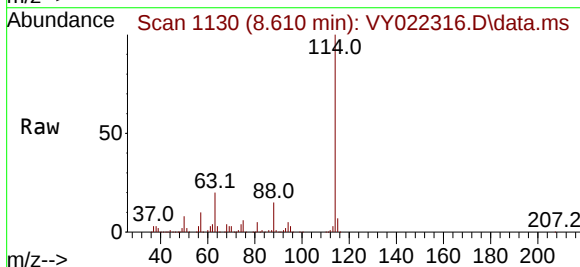
Tgt Ion: 114 Resp: 473236

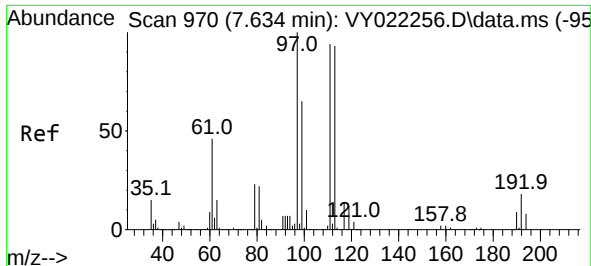
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.145 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022316.D

Acq: 19 May 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

L1-WC-2-VOC

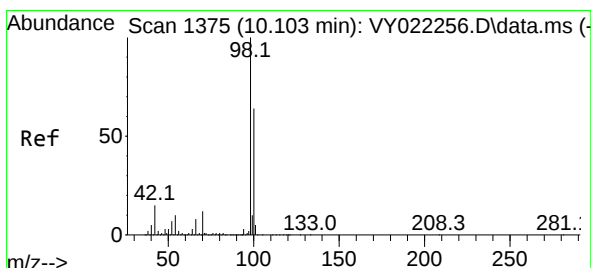
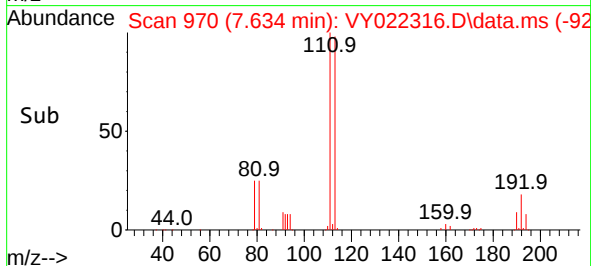
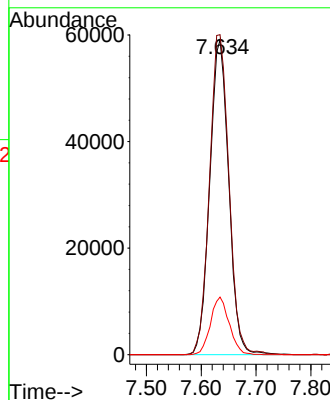
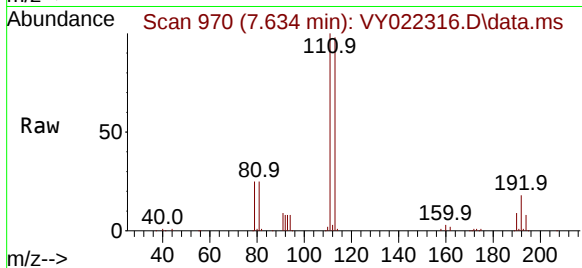
Tgt Ion:113 Resp: 141637

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 18.1 15.2 22.8



#50

Toluene-d8

Concen: 49.311 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022316.D

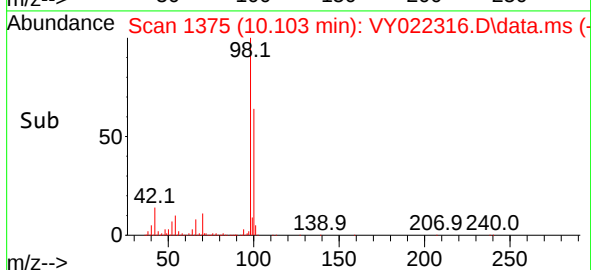
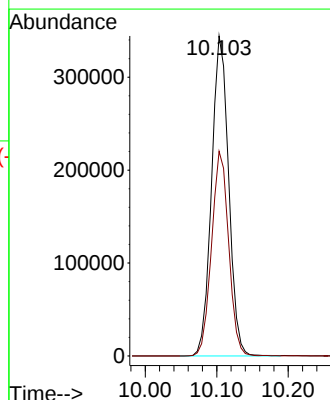
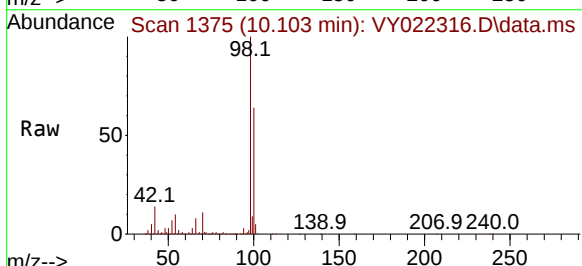
Acq: 19 May 2025 14:12

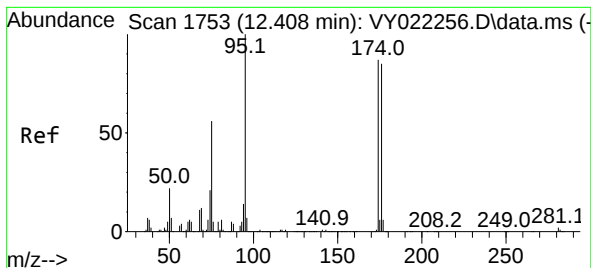
Tgt Ion: 98 Resp: 570438

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 40.290 ug/l

RT: 12.402 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022316.D

Acq: 19 May 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

L1-WC-2-VOC

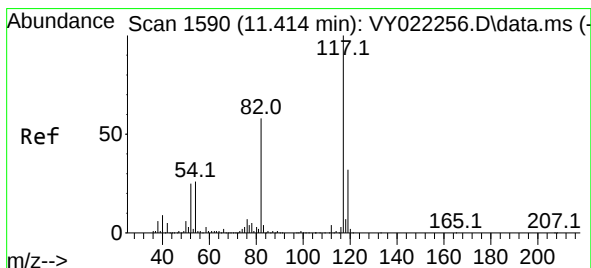
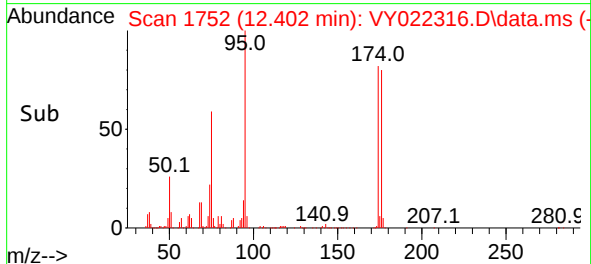
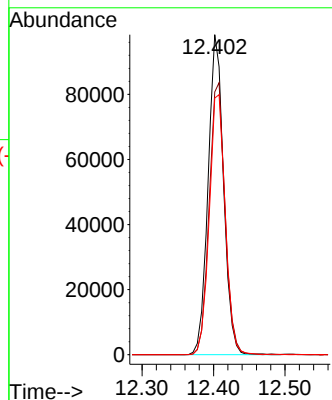
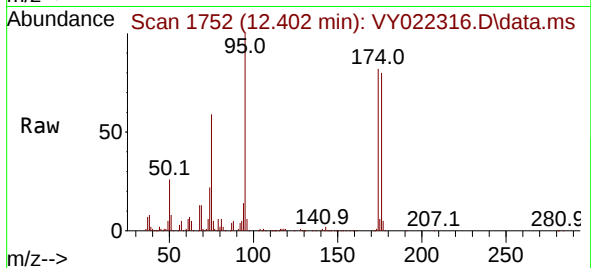
Tgt Ion: 95 Resp: 147732

Ion Ratio Lower Upper

95 100

174 87.2 0.0 166.8

176 84.1 0.0 160.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022316.D

Acq: 19 May 2025 14:12

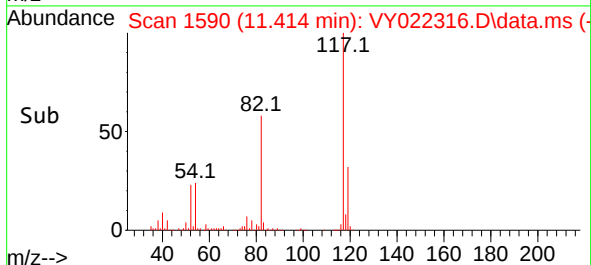
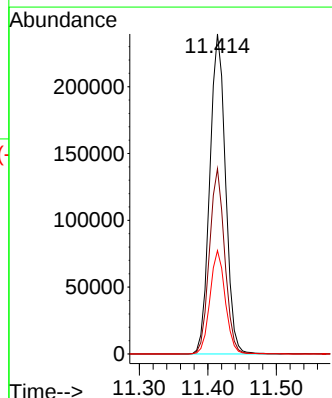
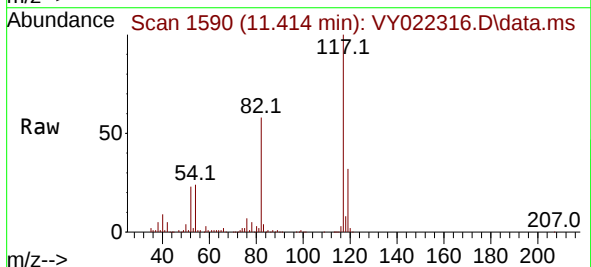
Tgt Ion: 117 Resp: 382351

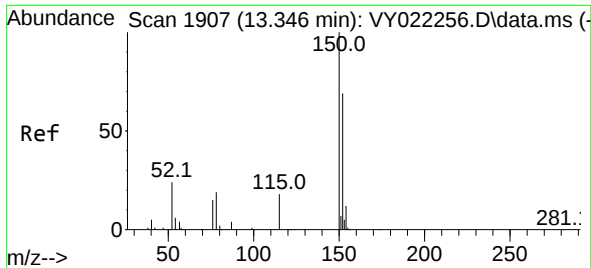
Ion Ratio Lower Upper

117 100

82 57.9 46.6 70.0

119 32.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022316.D
 Acq: 19 May 2025 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 L1-WC-2-VOC

Tgt Ion:152 Resp: 143050
 Ion Ratio Lower Upper
 152 100
 115 57.2 29.4 88.2
 150 157.3 0.0 353.8

