

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022040.D
 Acq On : 28 Apr 2025 18:36
 Operator : SY/MD
 Sample : Q1900-11
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Quant Time: Apr 29 03:56:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	306350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	572229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	500683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	186768	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142073	50.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.420%
35) Dibromofluoromethane	7.634	113	189255	50.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.109	98	684975	48.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.407	95	185235	38.608	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.220%

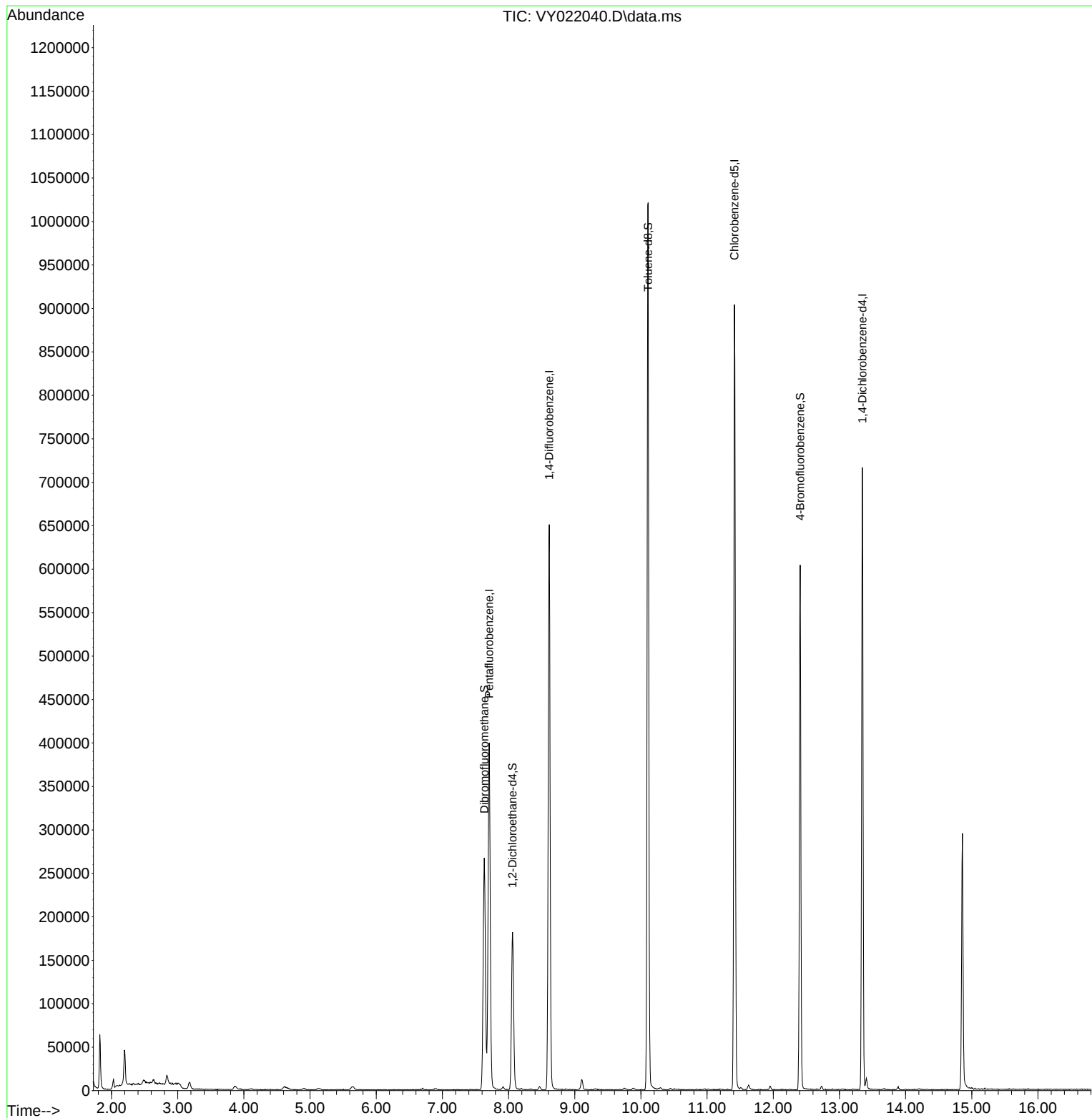
Target Compounds	Qvalue

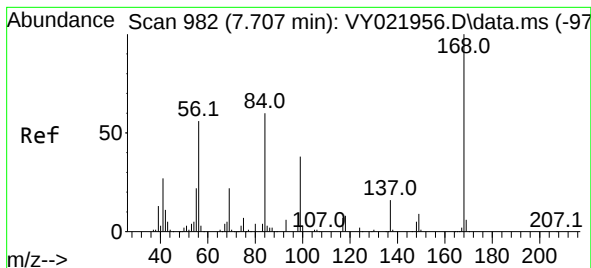
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.000 min

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MSVOA_Y

ClientSampleId :

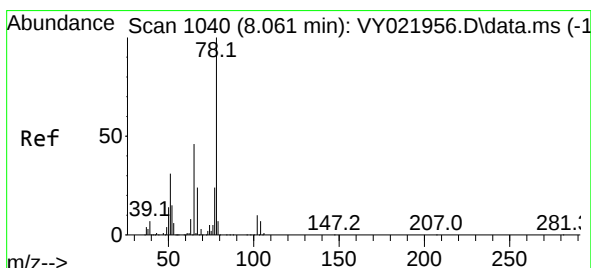
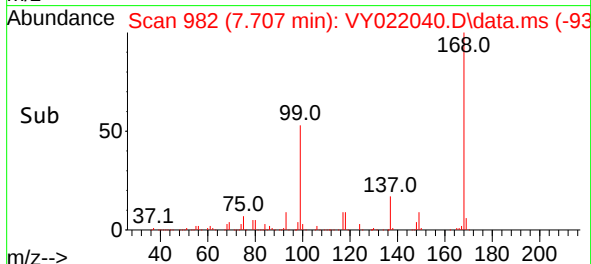
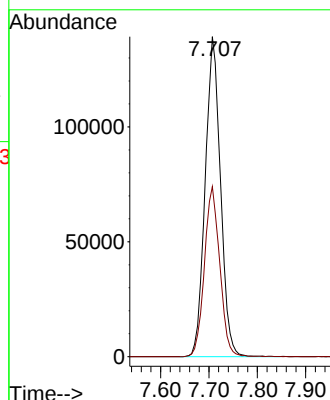
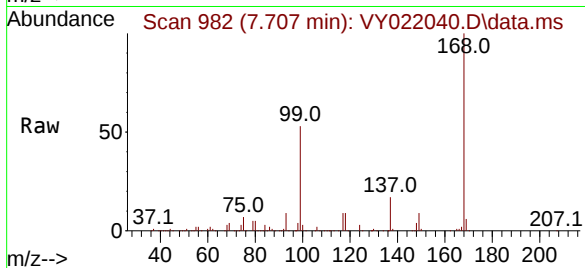
WC-3-VOC

Tgt Ion:168 Resp: 306350

Ion Ratio Lower Upper

168 100

99 53.2 43.1 64.7



#33

1,2-Dichloroethane-d4

Concen: 50.208 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022040.D

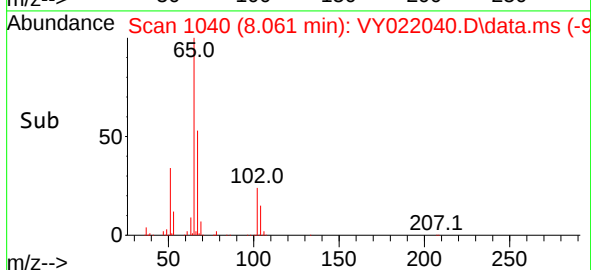
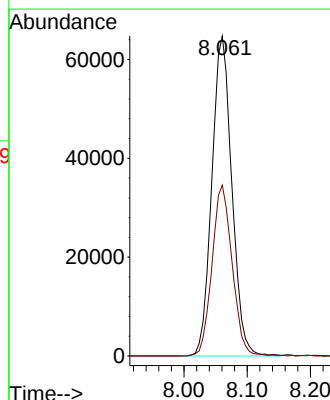
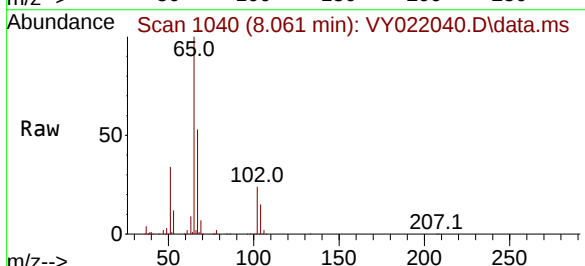
Acq: 28 Apr 2025 18:36

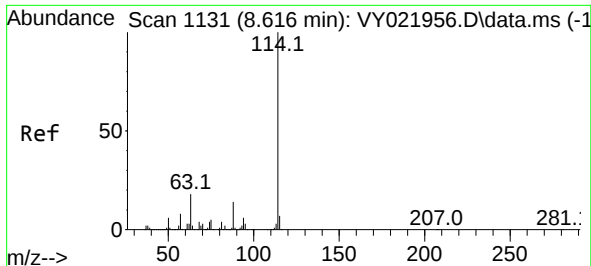
Tgt Ion: 65 Resp: 142073

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022040.D

Acq: 28 Apr 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOC

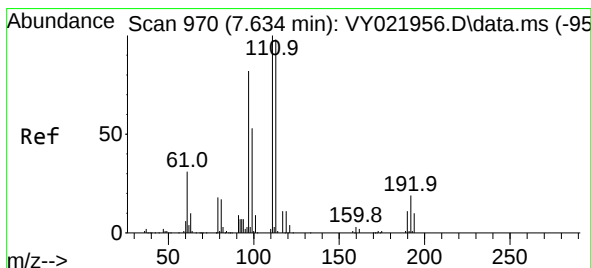
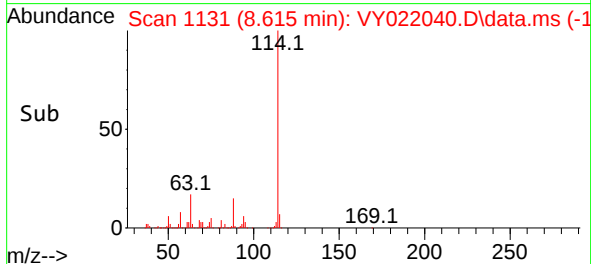
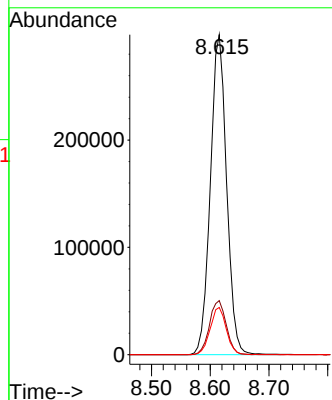
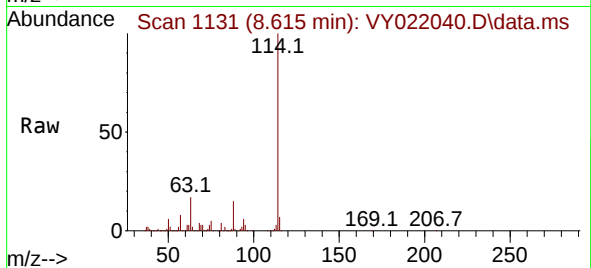
Tgt Ion:114 Resp: 572229

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.4

88 14.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.061 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022040.D

Acq: 28 Apr 2025 18:36

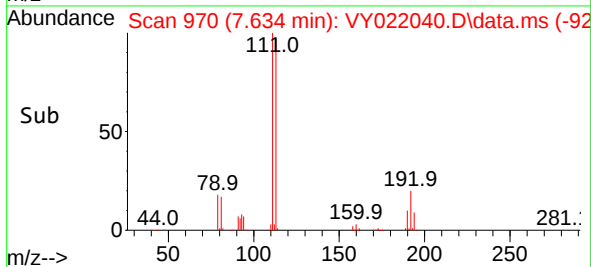
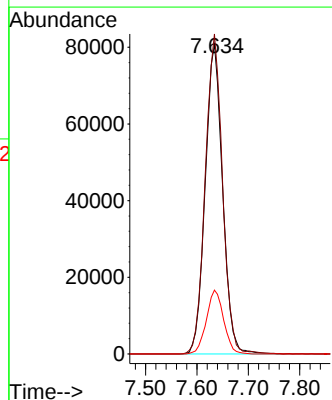
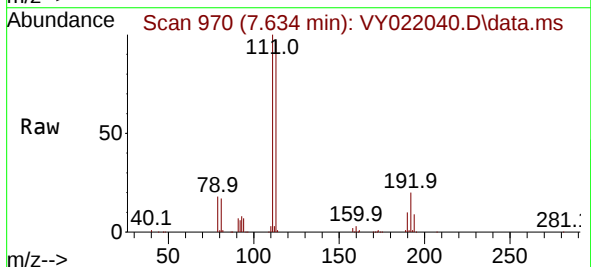
Tgt Ion:113 Resp: 189255

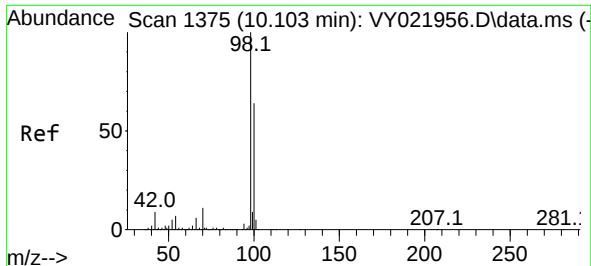
Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

192 20.5 15.6 23.4

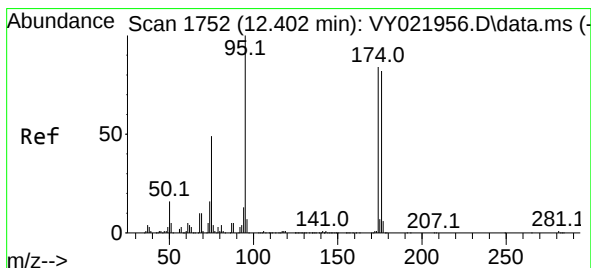
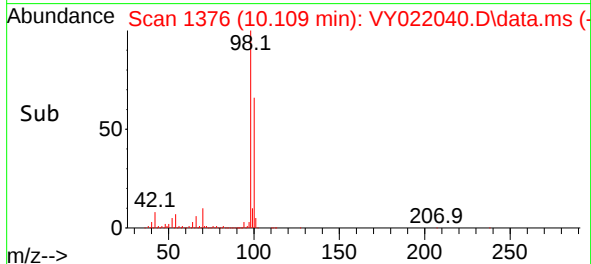
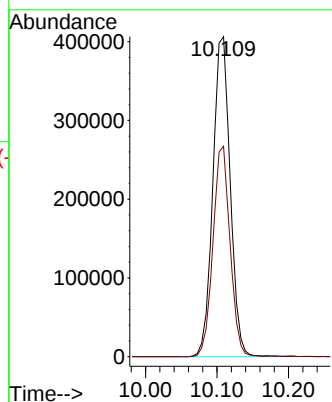
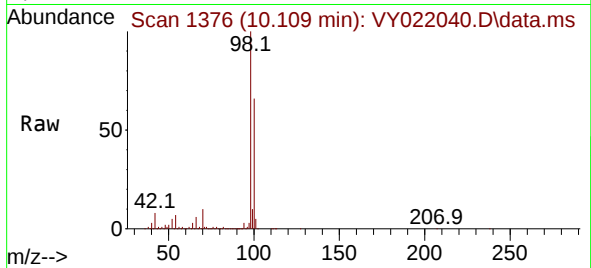




#50
Toluene-d8
Concen: 48.061 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022040.D
Acq: 28 Apr 2025 18:36

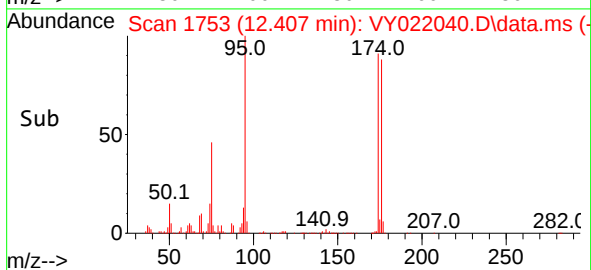
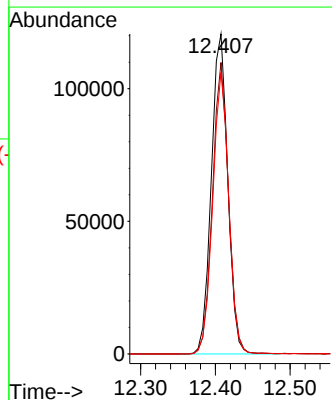
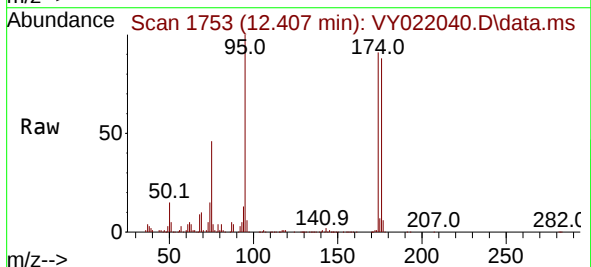
Instrument :
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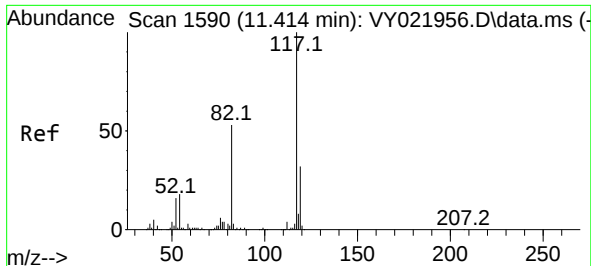
Tgt Ion: 98 Resp: 684975
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.608 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022040.D
Acq: 28 Apr 2025 18:36

Tgt Ion: 95 Resp: 185235
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.0
176 85.9 0.0 171.8

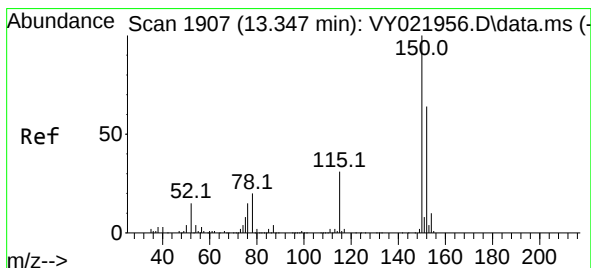
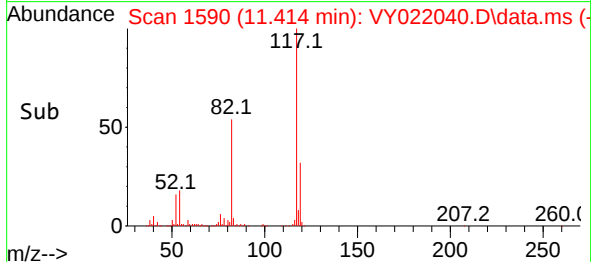
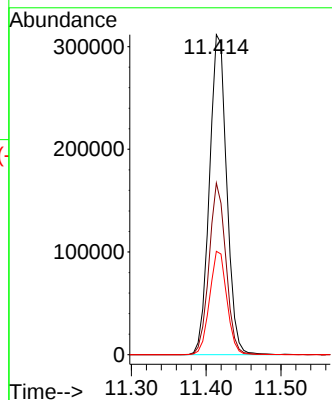
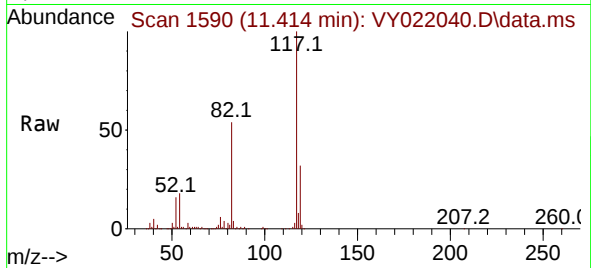




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022040.D
Acq: 28 Apr 2025 18:36

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

Tgt Ion:117 Resp: 500683
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 32.3 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: VY022040.D
Acq: 28 Apr 2025 18:36

Tgt Ion:152 Resp: 186768
Ion Ratio Lower Upper
152 100
115 56.3 28.0 84.0
150 158.5 0.0 345.6

