

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022434.D
 Acq On : 27 May 2025 15:14
 Operator : SY/MD
 Sample : Q2128-03
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP03-MHM-VOC

Quant Time: May 28 07:54:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	327503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	590634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	475345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	175219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	182344	52.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.720%
35) Dibromofluoromethane	7.634	113	177027	51.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.360%
50) Toluene-d8	10.103	98	703757	49.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.401	95	181070	42.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.900%

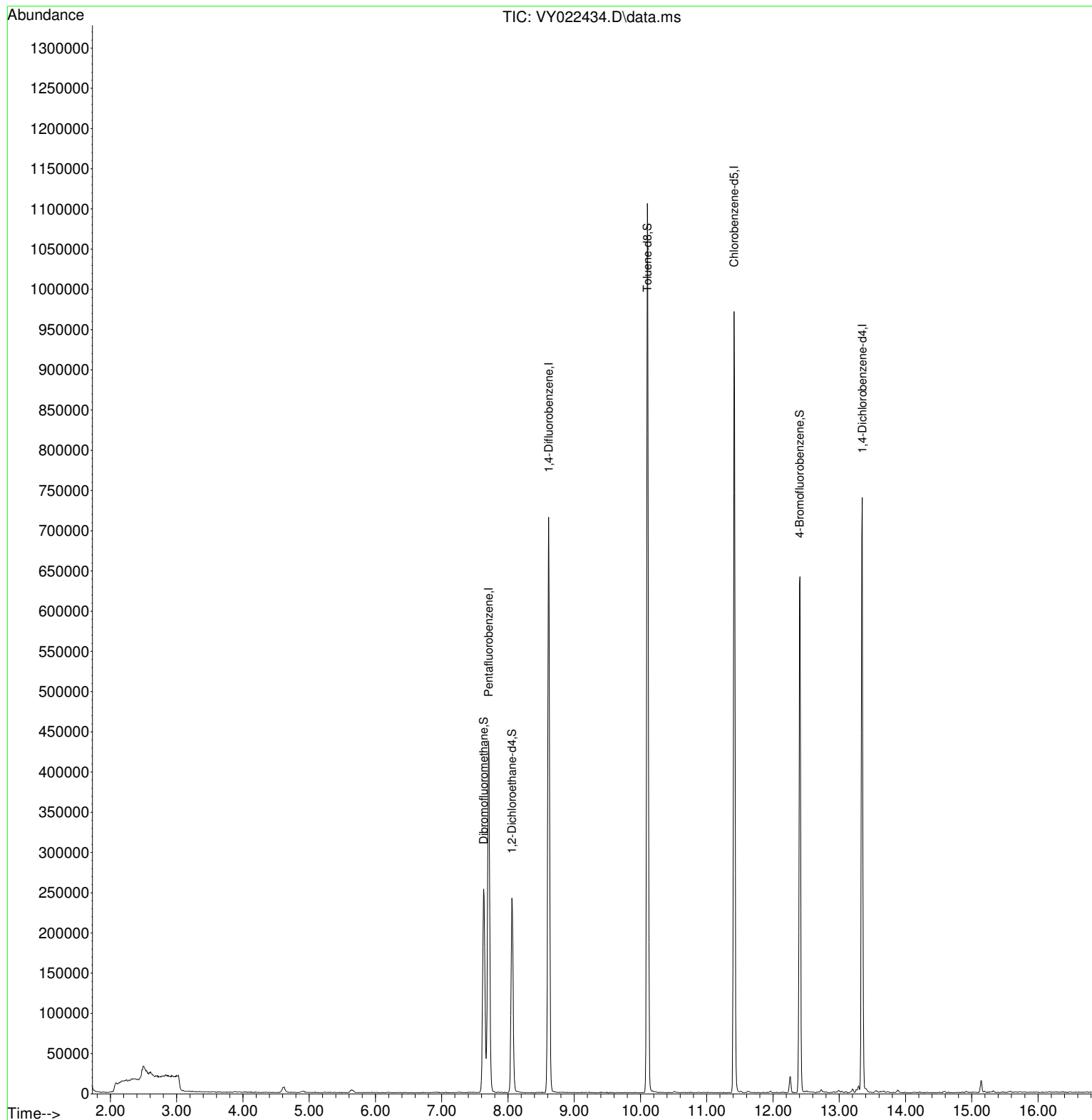
Target Compounds	Qvalue

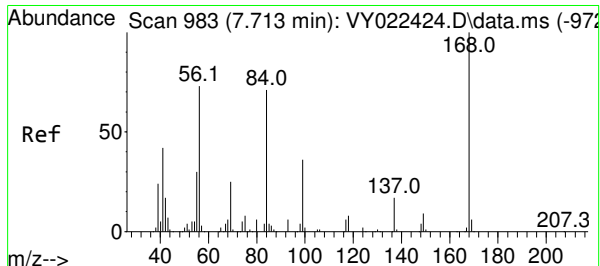
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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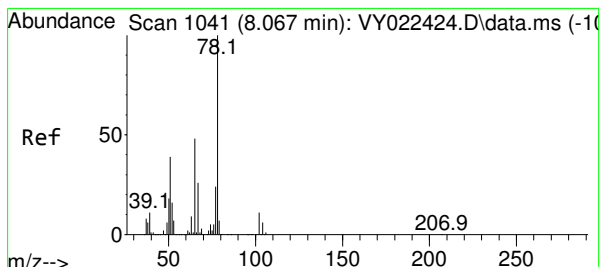
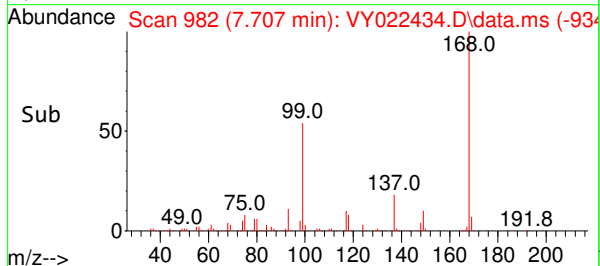
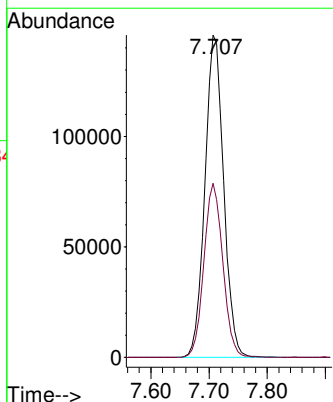
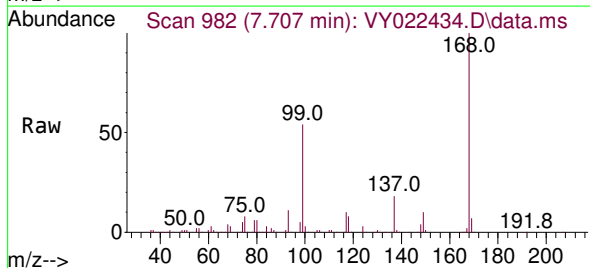




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

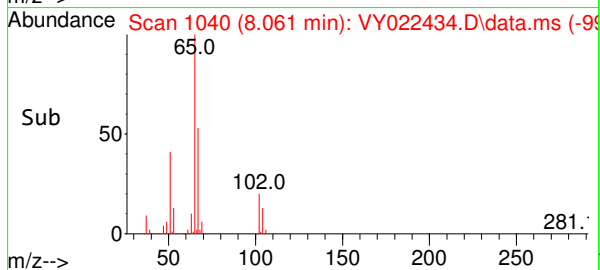
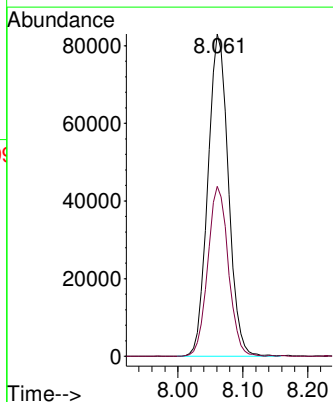
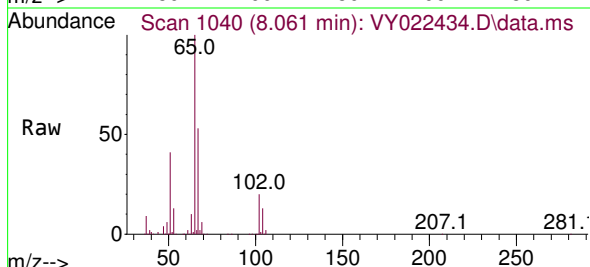
Instrument :
MSVOA_Y
ClientSampleId :
TP03-MHM-VOC

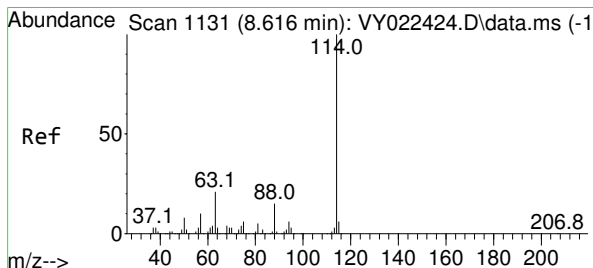
Tgt Ion:168 Resp: 327503
Ion Ratio Lower Upper
168 100
99 54.1 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 52.859 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Tgt Ion: 65 Resp: 182344
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022434.D

Acq: 27 May 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

TP03-MHM-VOC

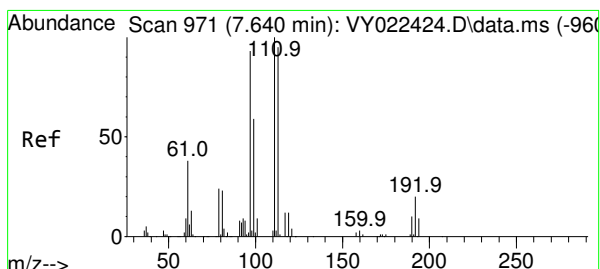
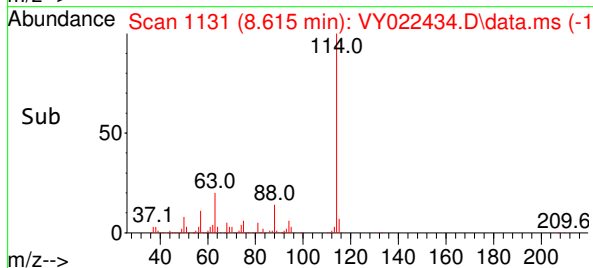
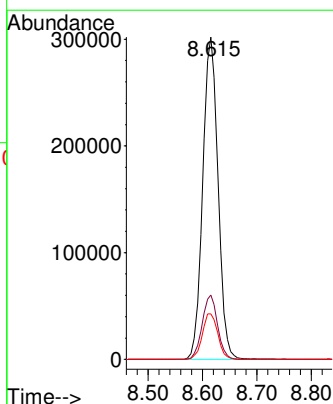
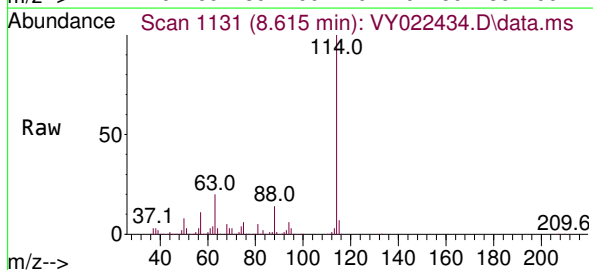
Tgt Ion:114 Resp: 590634

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 14.1 0.0 29.4



#35

Dibromofluoromethane

Concen: 51.180 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY022434.D

Acq: 27 May 2025 15:14

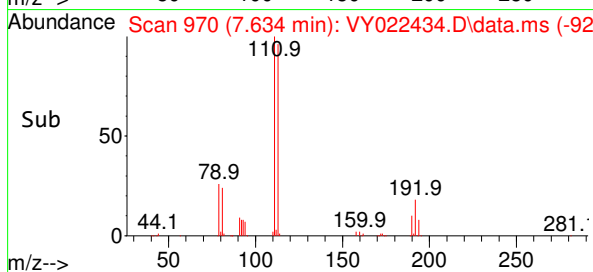
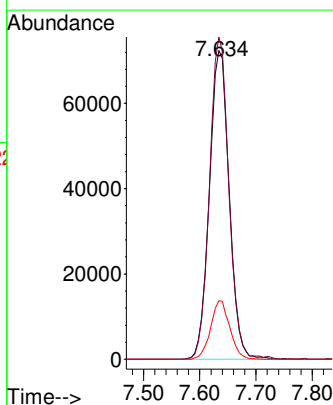
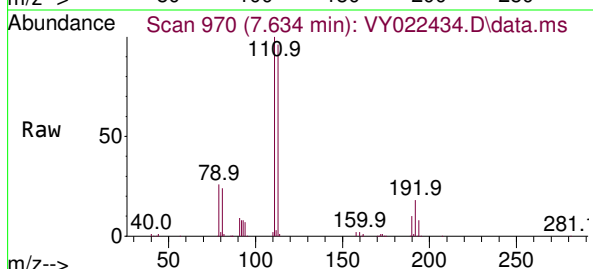
Tgt Ion:113 Resp: 177027

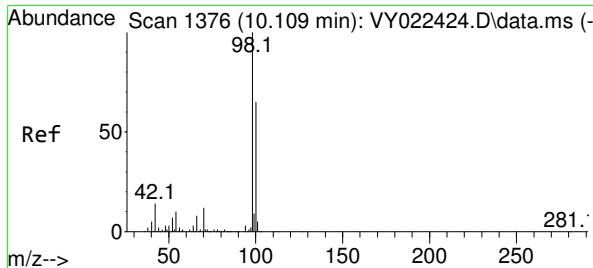
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 18.5 15.2 22.8

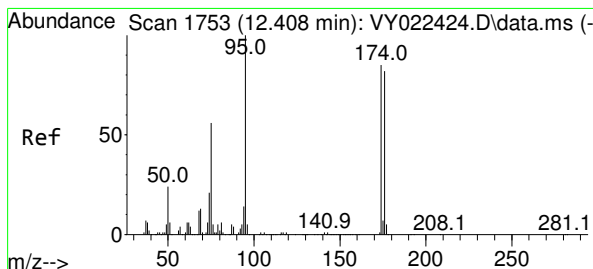
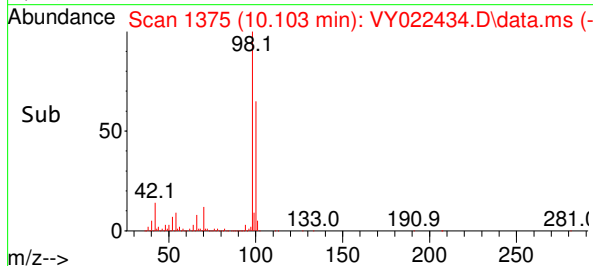
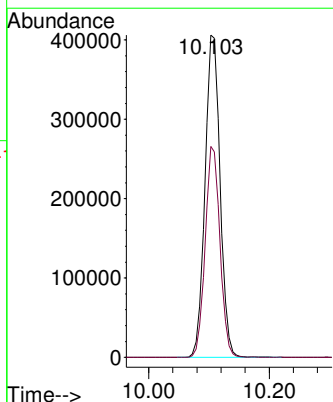
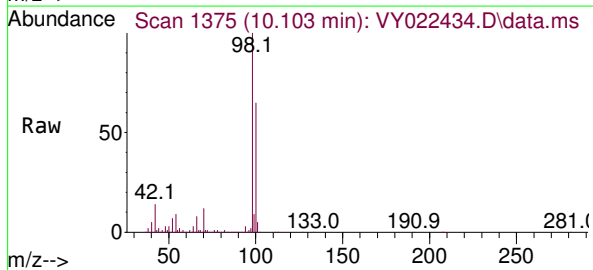




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

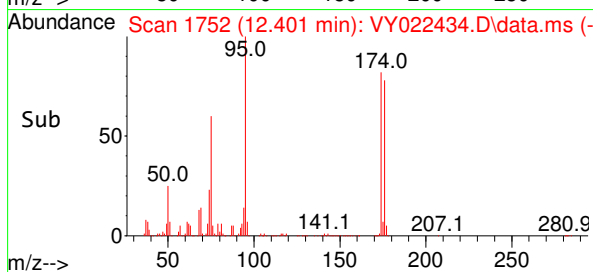
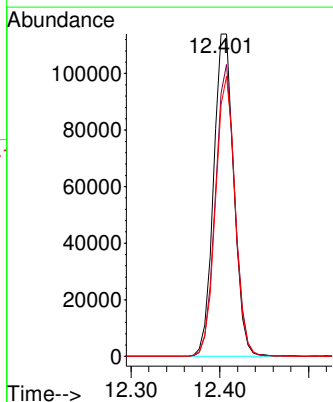
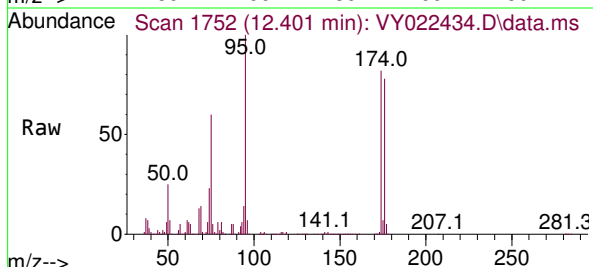
Instrument :
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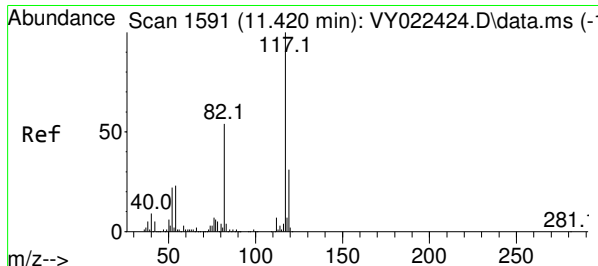
Tgt Ion: 98 Resp: 703757
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 42.453 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Tgt Ion: 95 Resp: 181070
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 84.6 0.0 164.6

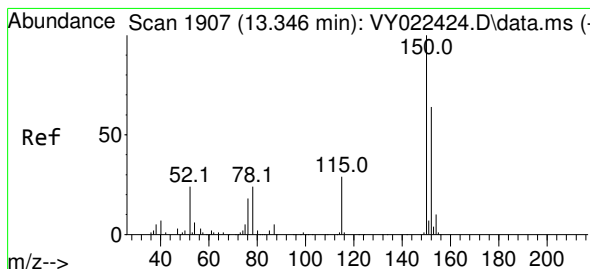
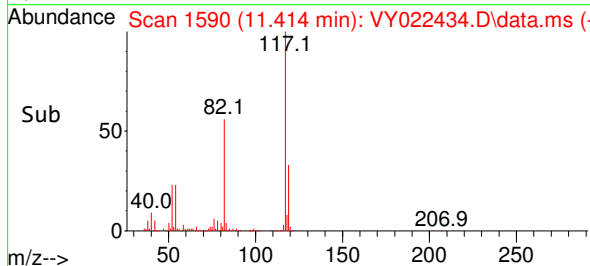
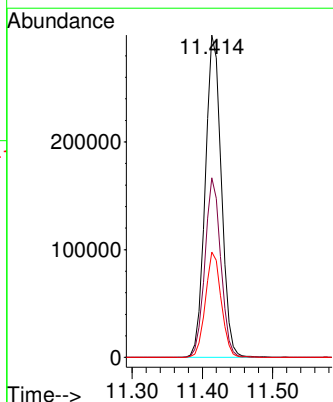
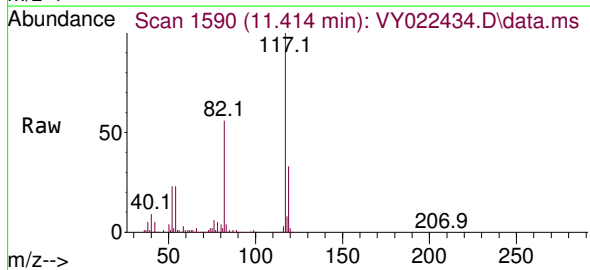




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Instrument :
MSVOA_Y
ClientSampleId :
TP03-MHM-VOC

Tgt Ion:117 Resp: 475345
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 32.7 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Tgt Ion:152 Resp: 175219
Ion Ratio Lower Upper
152 100
115 57.6 28.4 85.3
150 159.1 0.0 345.8

