

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022629.D
 Acq On : 09 Jun 2025 14:46
 Operator : SY/MD
 Sample : Q2260-02
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP10-MHG-VOC

Quant Time: Jun 10 01:29:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	272674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	513058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	152641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	158673	52.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.060%
35) Dibromofluoromethane	7.640	113	157065	51.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.580%
50) Toluene-d8	10.109	98	625735	50.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.407	95	154751	41.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.940%

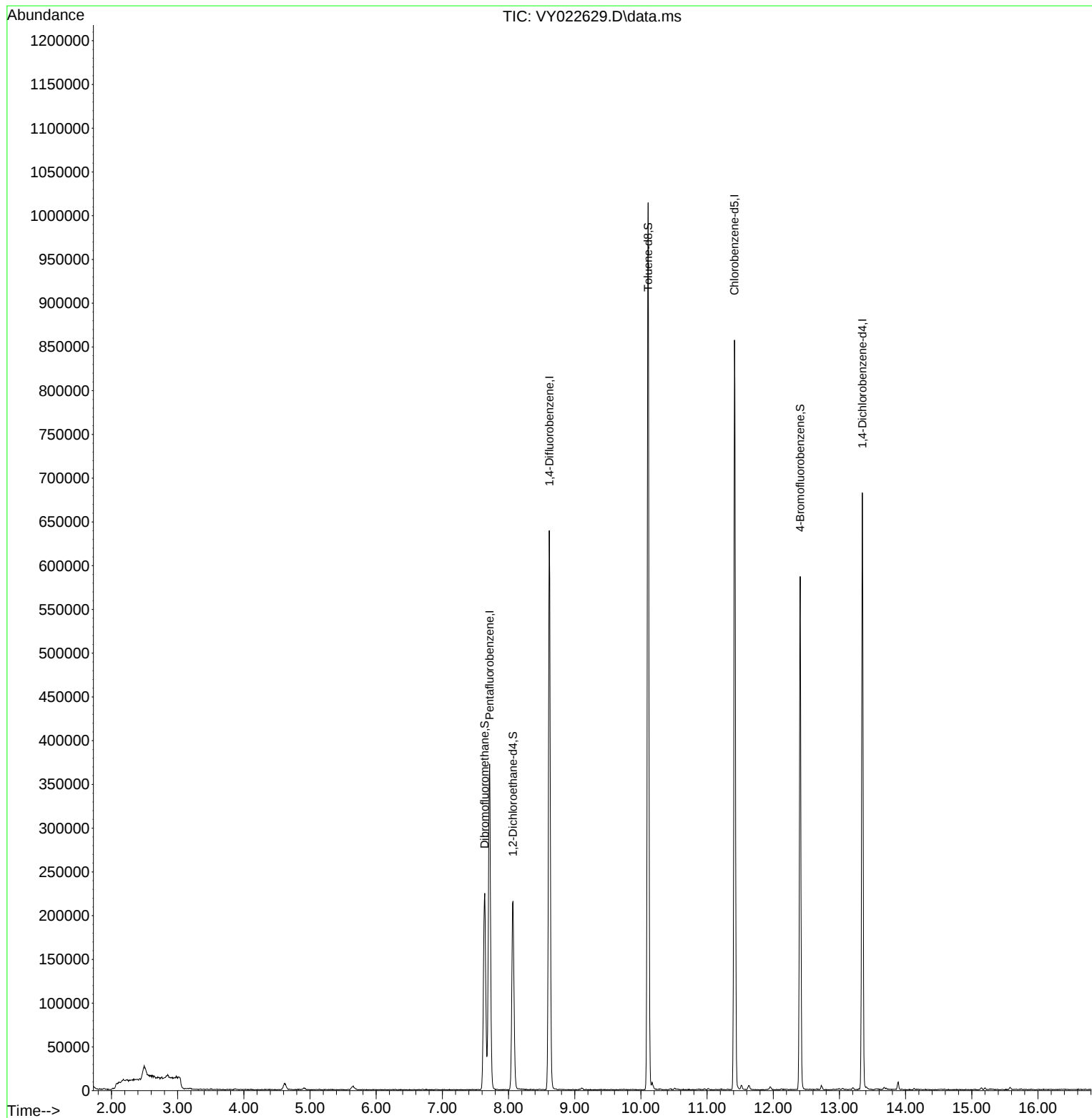
Target Compounds	Qvalue

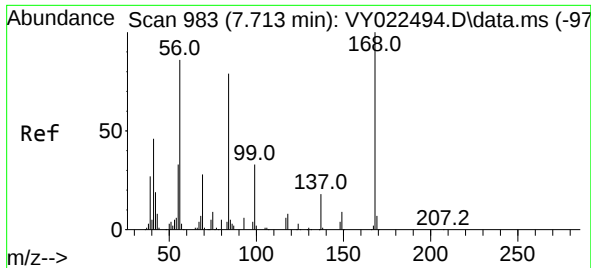
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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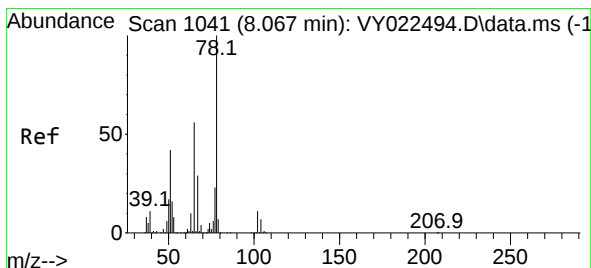
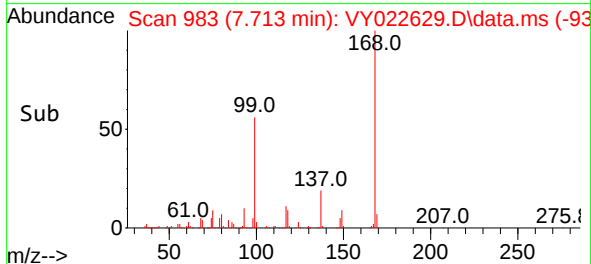
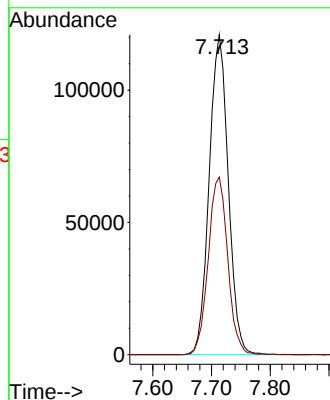
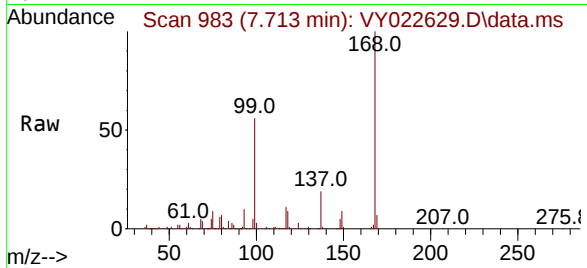




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022629.D
Acq: 09 Jun 2025 14:46

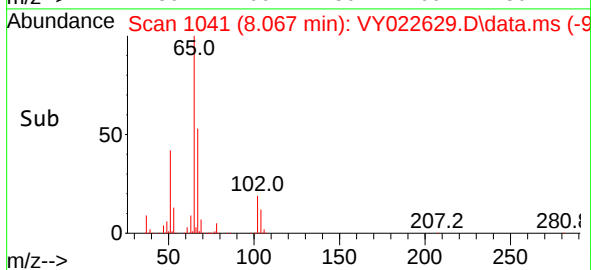
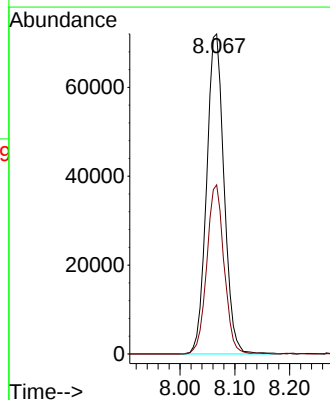
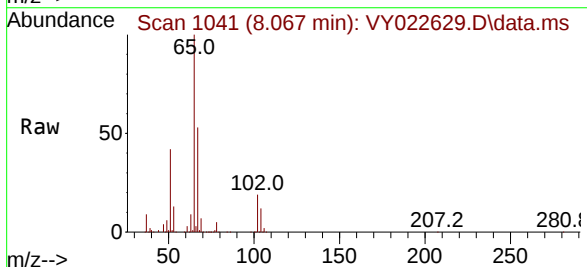
Instrument :
MSVOA_Y
ClientSampleId :
TP10-MHG-VOC

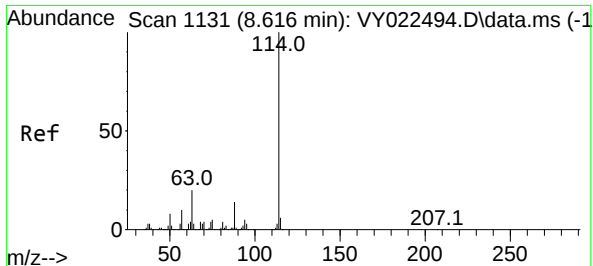
Tgt Ion:168 Resp: 272674
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 52.029 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022629.D
Acq: 09 Jun 2025 14:46

Tgt Ion: 65 Resp: 158673
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

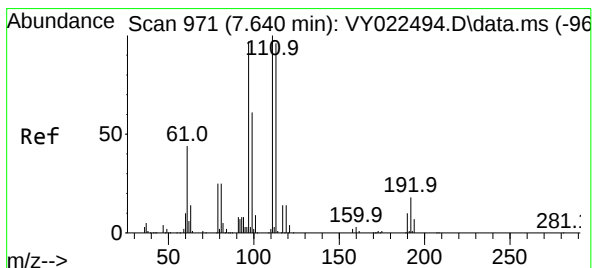
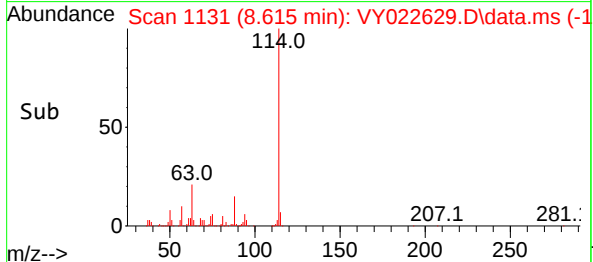
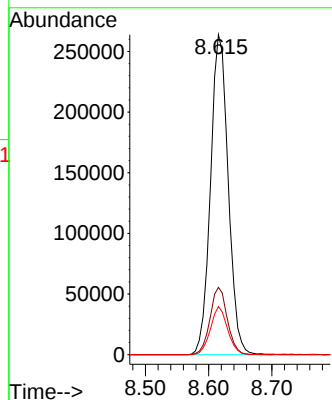
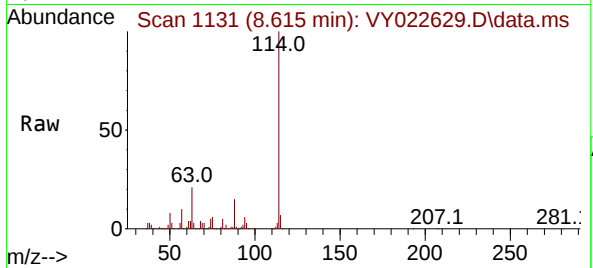




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022629.D
Acq: 09 Jun 2025 14:46

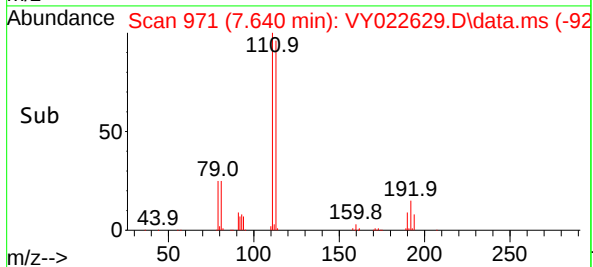
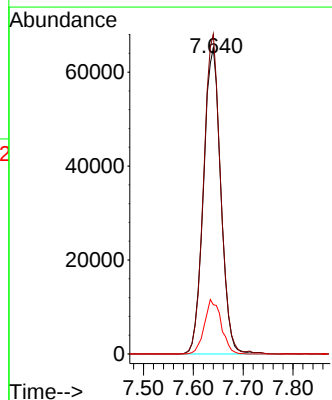
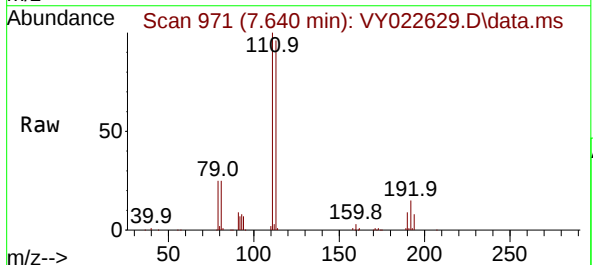
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TP10-MHG-VOC

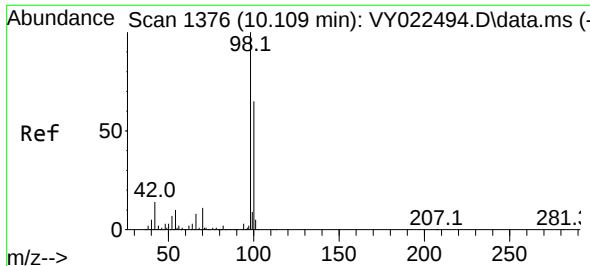
Tgt Ion:114 Resp: 513058
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.0 0.0 27.8



#35
Dibromofluoromethane
Concen: 51.289 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022629.D
Acq: 09 Jun 2025 14:46

Tgt Ion:113 Resp: 157065
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 17.3 14.2 21.2

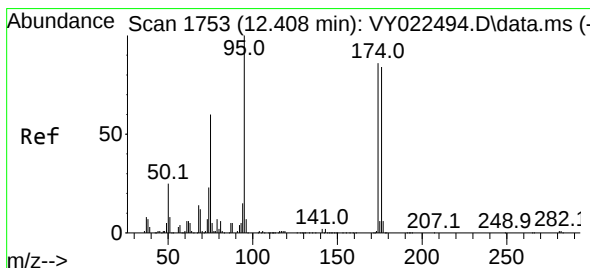
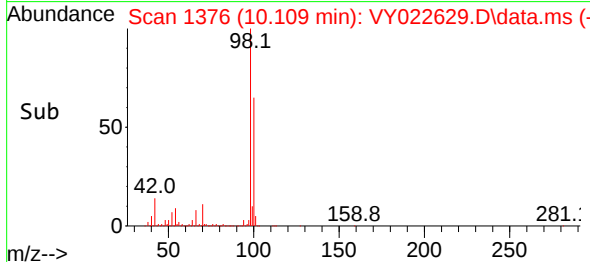
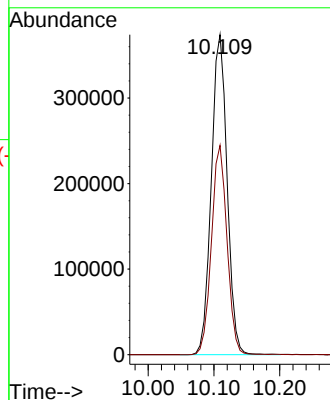
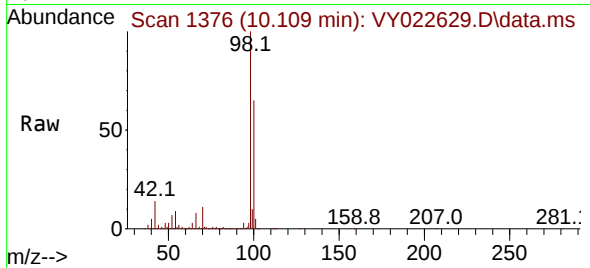




#50
Toluene-d8
Concen: 50.569 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022629.D
Acq: 09 Jun 2025 14:46

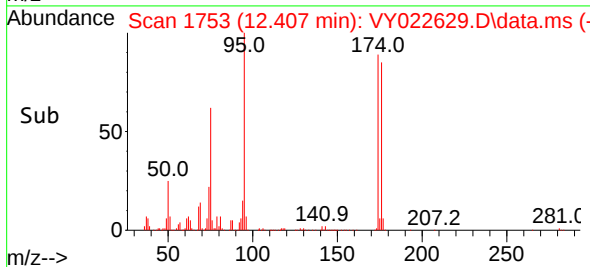
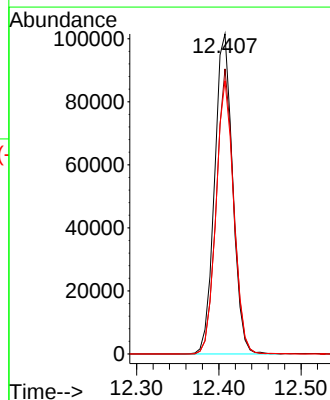
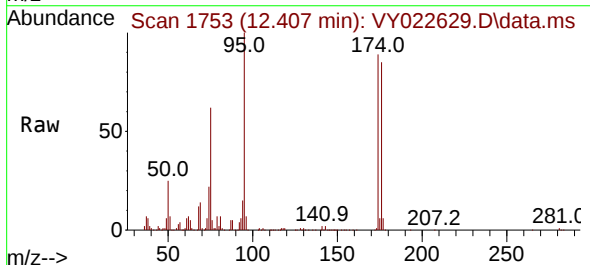
Instrument :
MSVOA_Y
ClientSampleId :
TP10-MHG-VOC

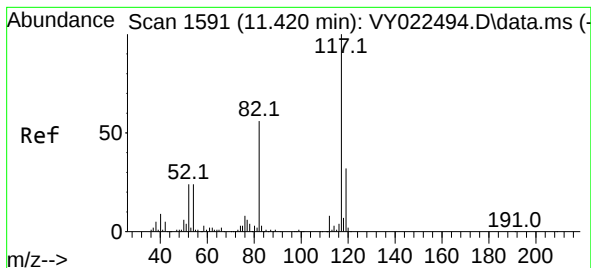
Tgt Ion: 98 Resp: 625735
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.975 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022629.D
Acq: 09 Jun 2025 14:46

Tgt Ion: 95 Resp: 154751
Ion Ratio Lower Upper
95 100
174 85.6 0.0 170.0
176 83.9 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022629.D

Acq: 09 Jun 2025 14:46

Instrument :

MSVOA_Y

ClientSampleId :

TP10-MHG-VOC

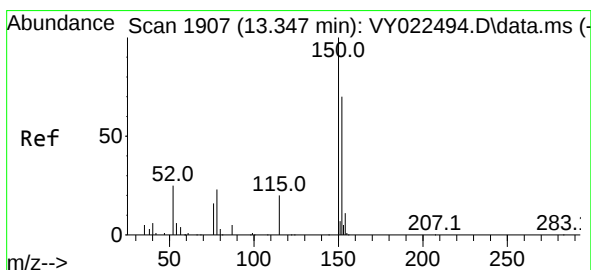
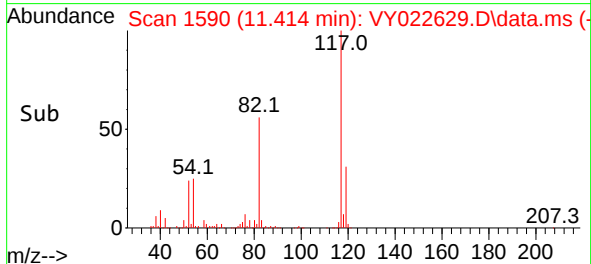
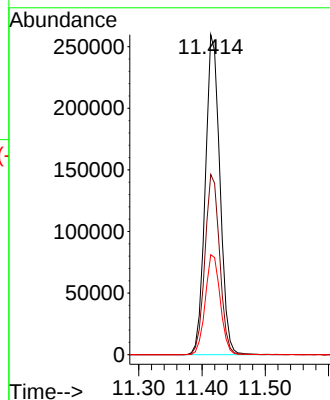
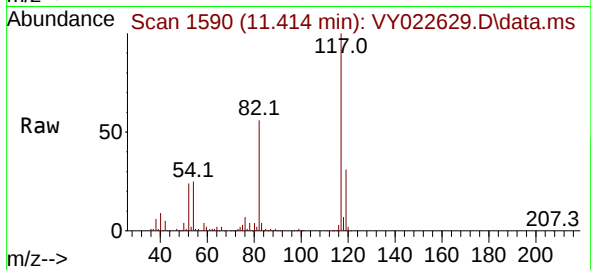
Tgt Ion:117 Resp: 417439

Ion Ratio Lower Upper

117 100

82 56.3 44.6 66.8

119 31.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022629.D

Acq: 09 Jun 2025 14:46

Tgt Ion:152 Resp: 152641

Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 157.4 0.0 349.6

