

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022605.D
 Acq On : 06 Jun 2025 17:12
 Operator : SY/MD
 Sample : Q2226-02
 Misc : 7.16g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP06-MHI-VOC

Quant Time: Jun 06 23:46:03 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)

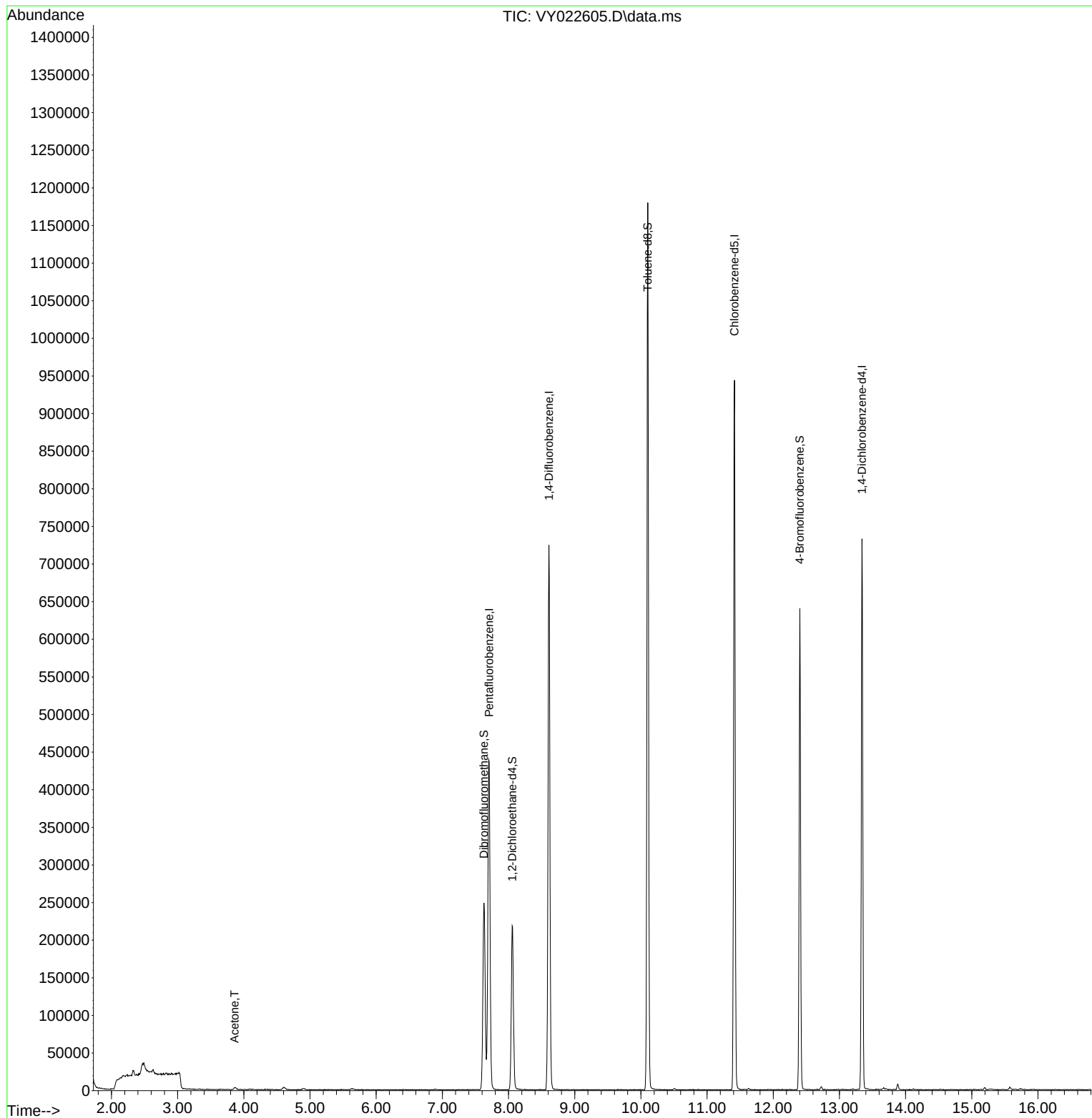
Internal Standards						
1) Pentafluorobenzene	7.707	168	327941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	587431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	463715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	168611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	163428	44.557	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.120%
35) Dibromofluoromethane	7.628	113	170053	48.500	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.000%
50) Toluene-d8	10.103	98	712996	50.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.402	95	170833	40.470	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.940%
Target Compounds						
16) Acetone	3.860	43	4838	6.495	ug/l	Qvalue 91

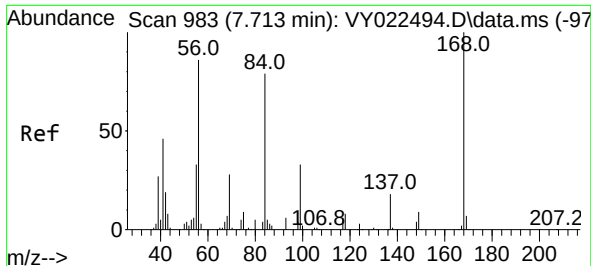
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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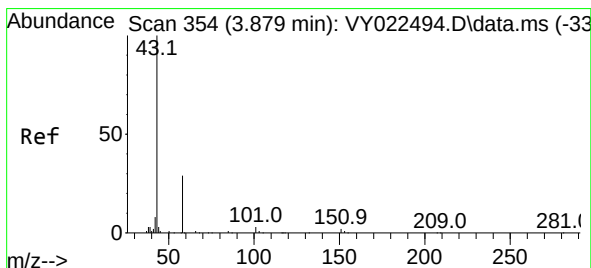
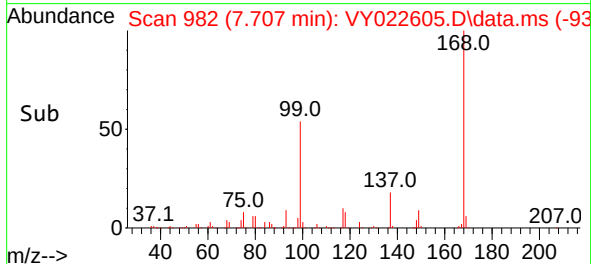
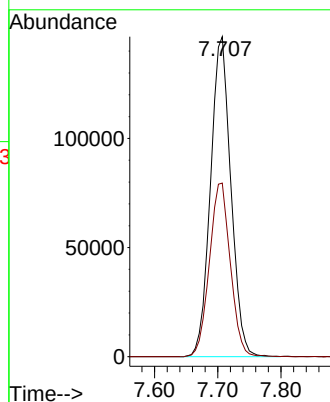
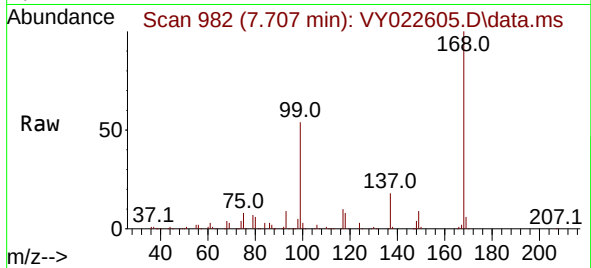




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022605.D
Acq: 06 Jun 2025 17:12

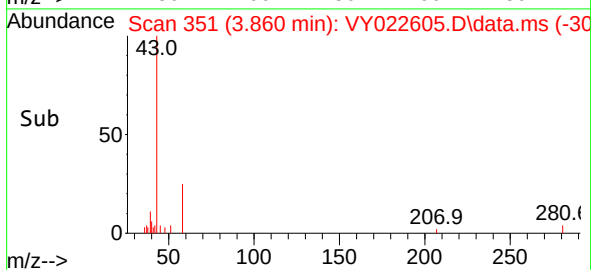
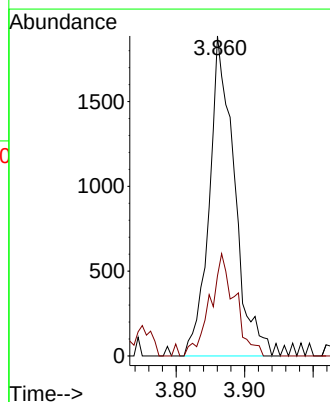
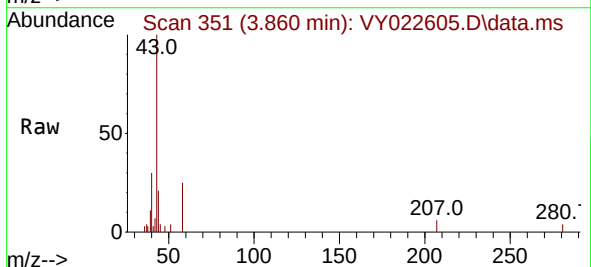
Instrument :
MSVOA_Y
ClientSampleId :
TP06-MHI-VOC

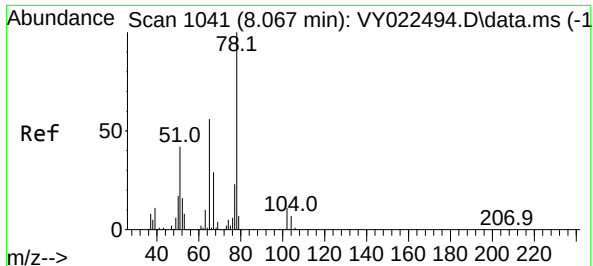
Tgt Ion:168 Resp: 327941
Ion Ratio Lower Upper
168 100
99 54.2 44.3 66.5



#16
Acetone
Concen: 6.495 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022605.D
Acq: 06 Jun 2025 17:12

Tgt Ion: 43 Resp: 4838
Ion Ratio Lower Upper
43 100
58 25.0 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 44.557 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY022605.D

Acq: 06 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

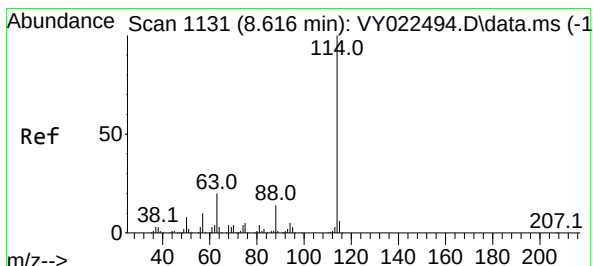
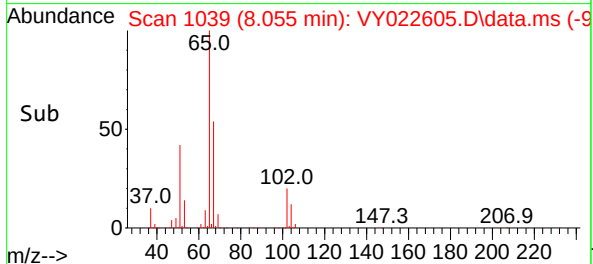
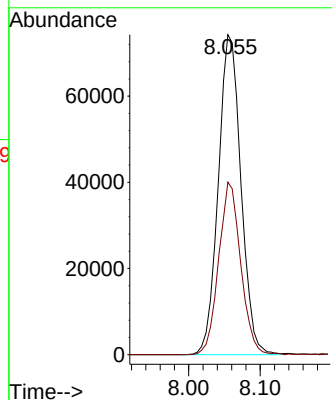
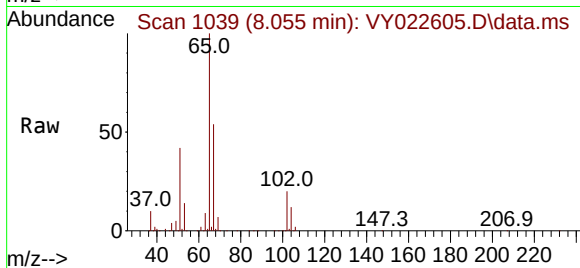
TP06-MHI-VOC

Tgt Ion: 65 Resp: 163428

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022605.D

Acq: 06 Jun 2025 17:12

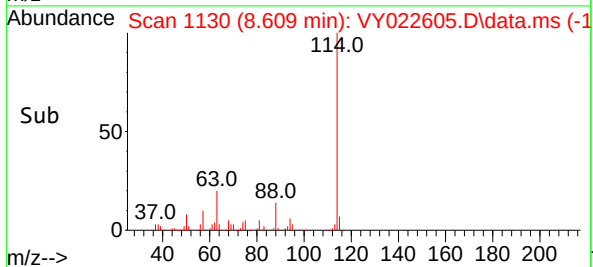
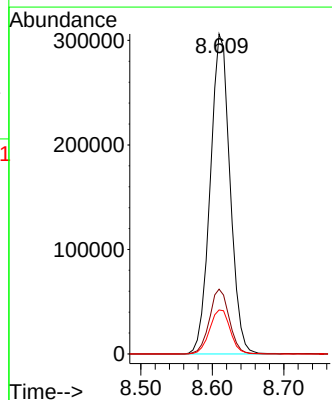
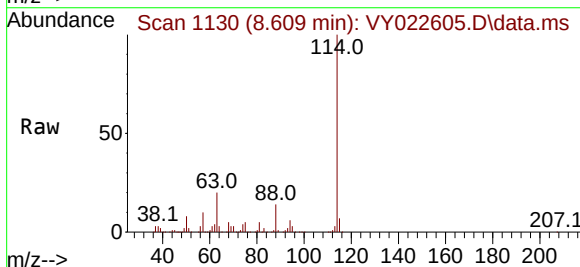
Tgt Ion: 114 Resp: 587431

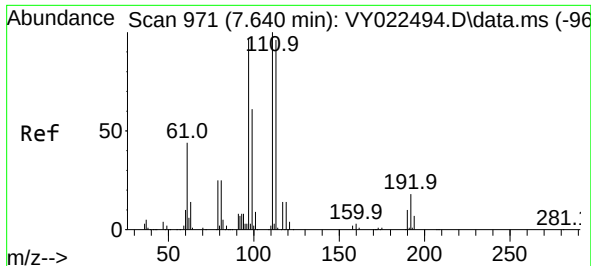
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 13.8 0.0 27.8

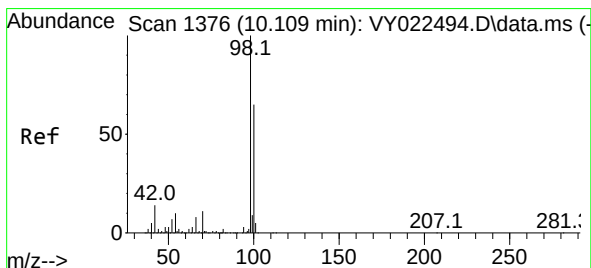
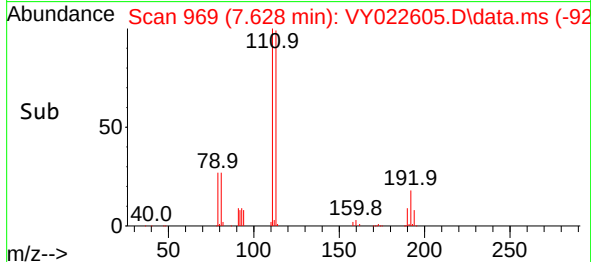
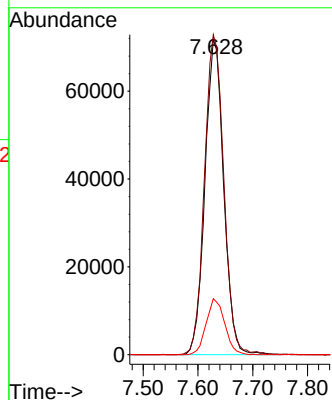
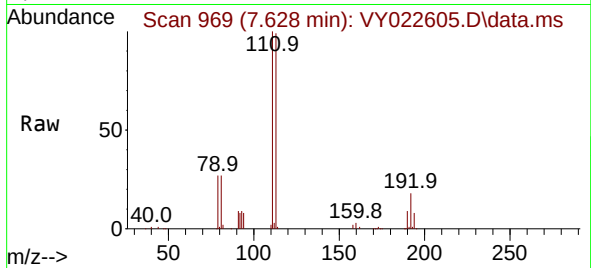




#35
Dibromofluoromethane
Concen: 48.500 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022605.D
Acq: 06 Jun 2025 17:12

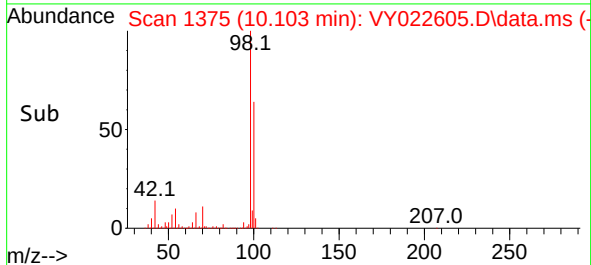
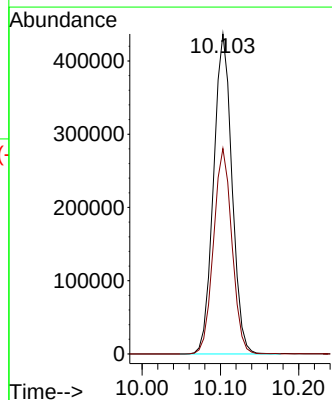
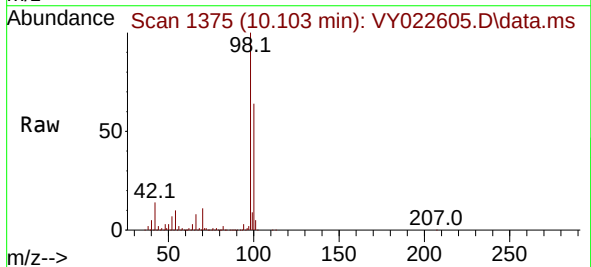
Instrument :
MSVOA_Y
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TP06-MHI-VOC

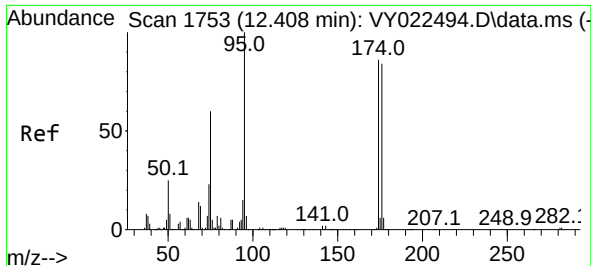
Tgt Ion:113 Resp: 170053
Ion Ratio Lower Upper
113 100
111 104.8 81.1 121.7
192 17.6 14.2 21.2



#50
Toluene-d8
Concen: 50.326 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022605.D
Acq: 06 Jun 2025 17:12

Tgt Ion: 98 Resp: 712996
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

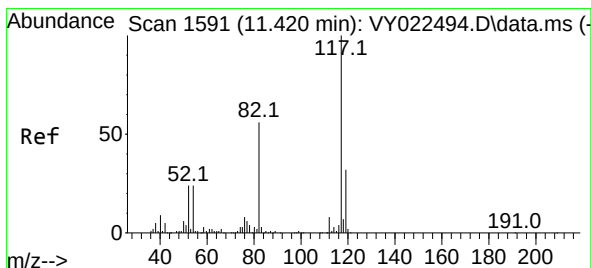
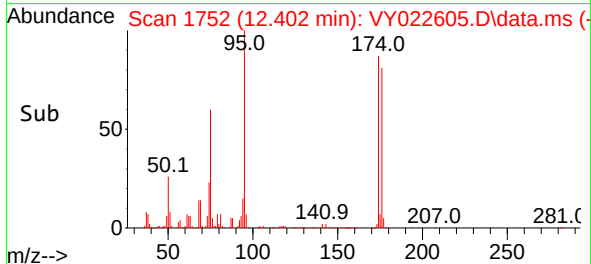
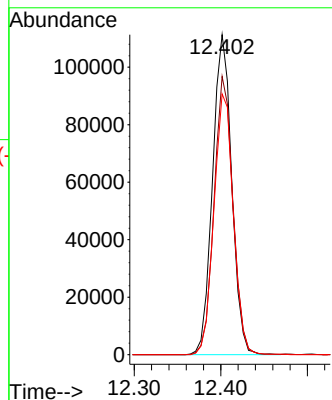
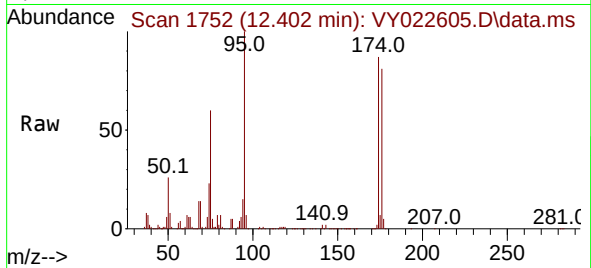




#62
4-Bromofluorobenzene
Concen: 40.470 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022605.D
Acq: 06 Jun 2025 17:12

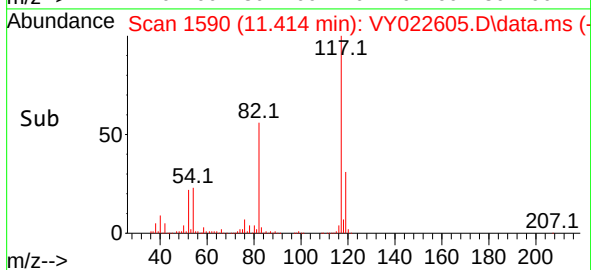
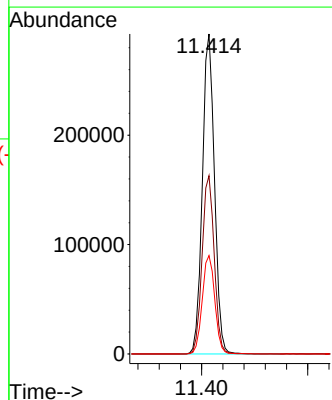
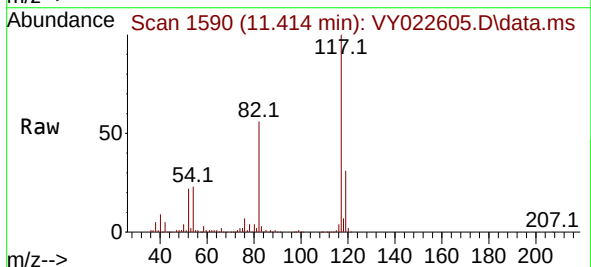
Instrument :
MSVOA_Y
ClientSampleId :
TP06-MHI-VOC

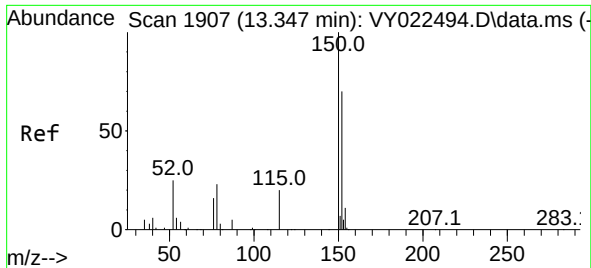
Tgt Ion: 95 Resp: 170833
Ion Ratio Lower Upper
95 100
174 85.8 0.0 170.0
176 82.7 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022605.D
Acq: 06 Jun 2025 17:12

Tgt Ion: 117 Resp: 463715
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 30.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022605.D

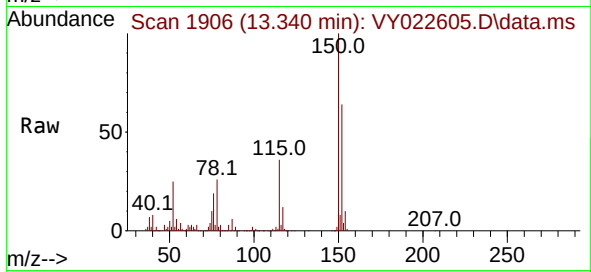
Acq: 06 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

TP06-MHI-VOC



Tgt Ion:152 Resp: 168611

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

150 156.8 0.0 349.6

