

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021650.D
 Acq On : 26 Mar 2025 16:34
 Operator : SY/MD
 Sample : Q1645-07
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

Quant Time: Mar 27 01:32:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

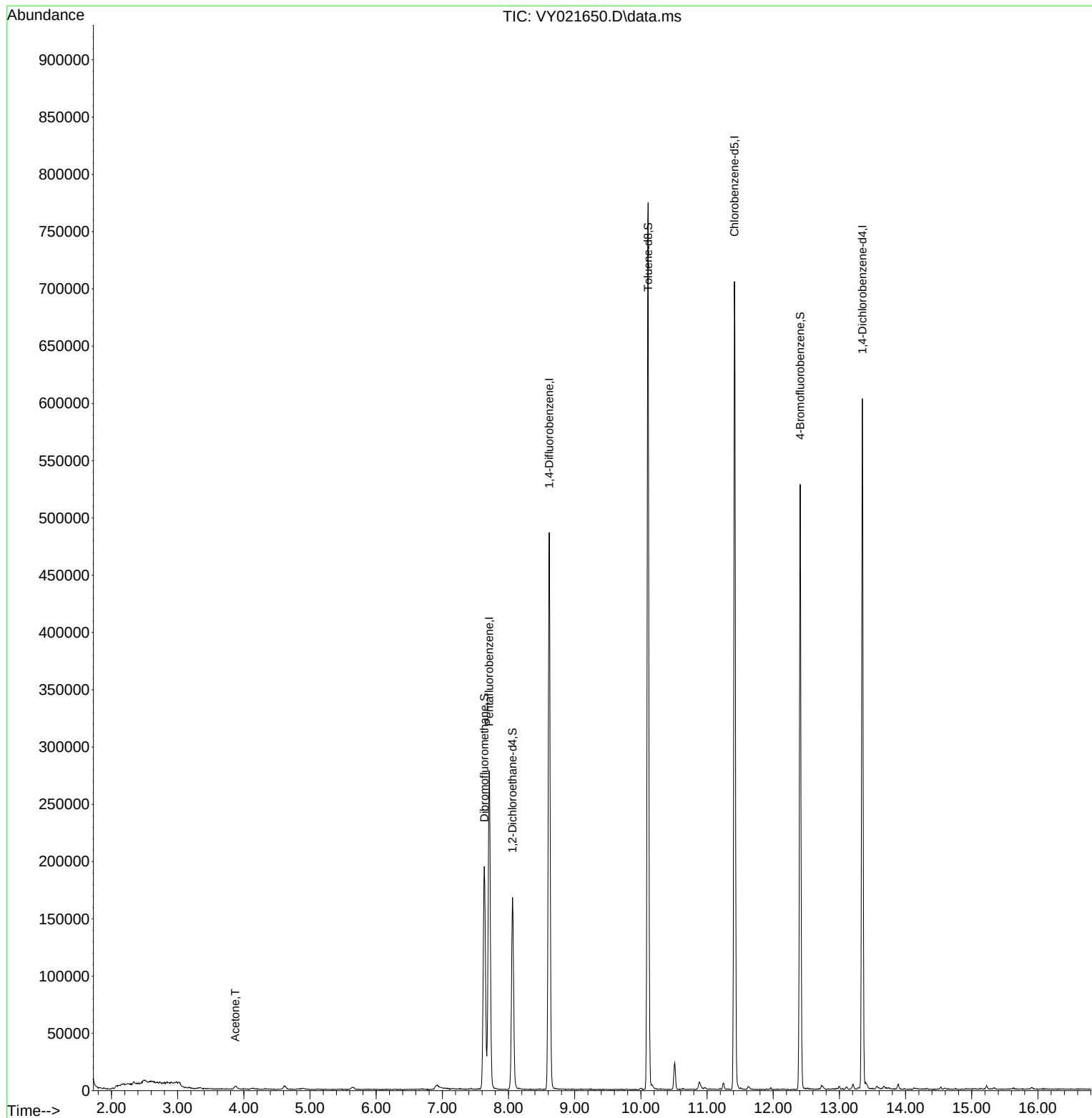
Internal Standards						
1) Pentafluorobenzene	7.707	168	209907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	398133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	366521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	147643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132093	59.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.634	113	137706	52.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.240%
50) Toluene-d8	10.109	98	489376	49.388	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.408	95	151243	44.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.740%
Target Compounds						
16) Acetone	3.873	43	4964	10.258	ug/l	Qvalue 94

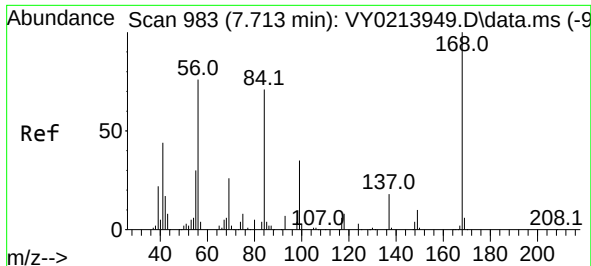
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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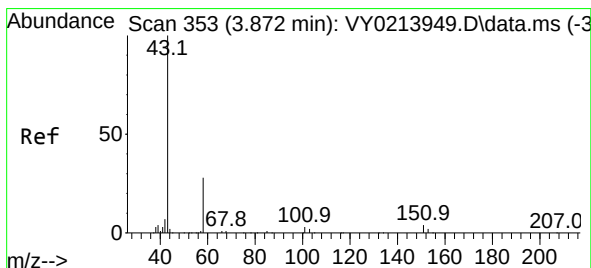
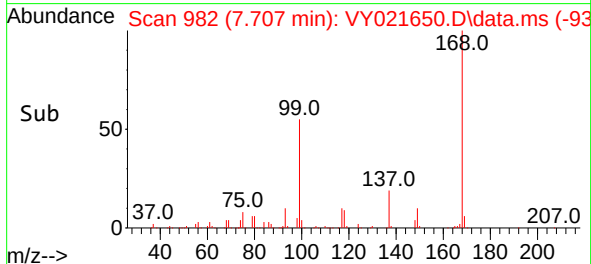
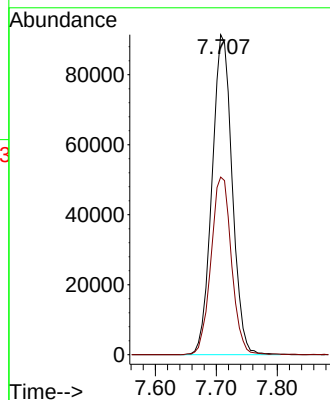
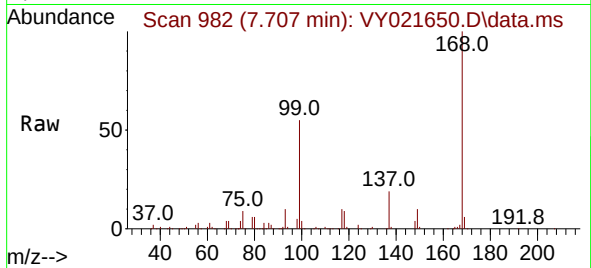




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY021650.D
Acq: 26 Mar 2025 16:34

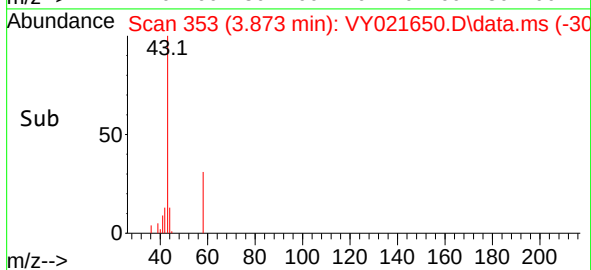
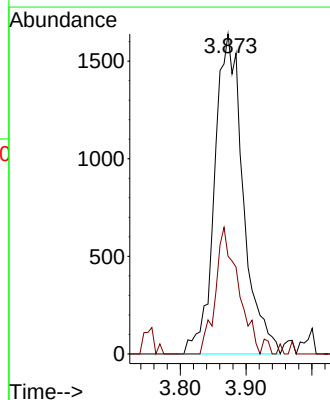
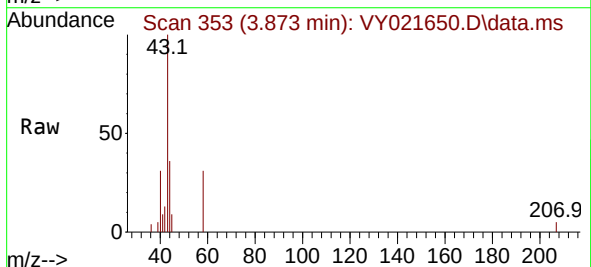
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

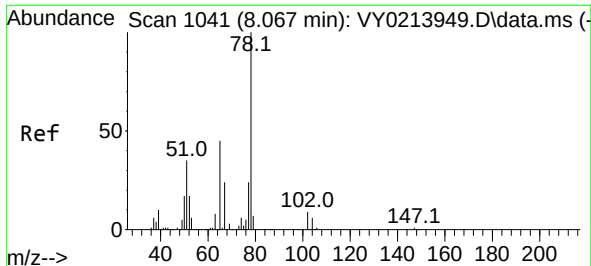
Tgt Ion:168 Resp: 209907
Ion Ratio Lower Upper
168 100
99 55.5 46.0 69.0



#16
Acetone
Concen: 10.258 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY021650.D
Acq: 26 Mar 2025 16:34

Tgt Ion: 43 Resp: 4964
Ion Ratio Lower Upper
43 100
58 30.6 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 59.539 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021650.D

Acq: 26 Mar 2025 16:34

Instrument :

MSVOA_Y

ClientSampleId :

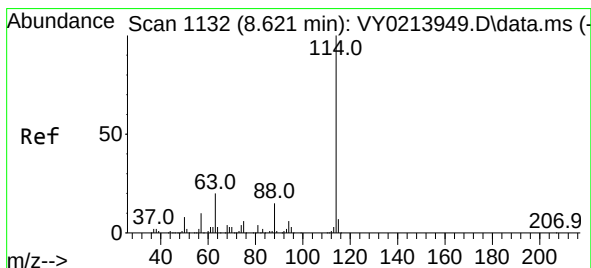
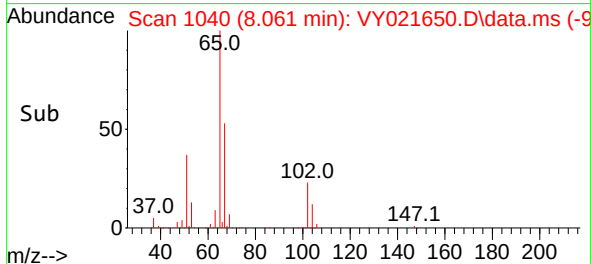
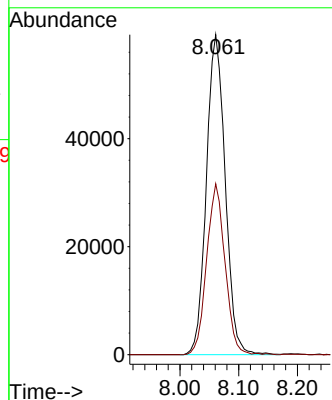
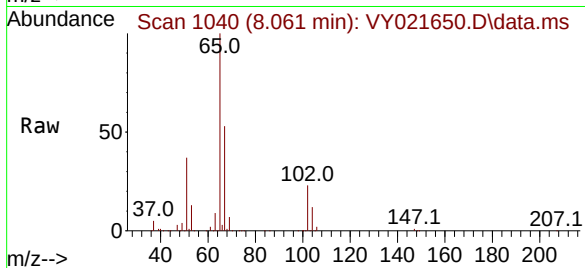
TP-1-VOC

Tgt Ion: 65 Resp: 132093

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021650.D

Acq: 26 Mar 2025 16:34

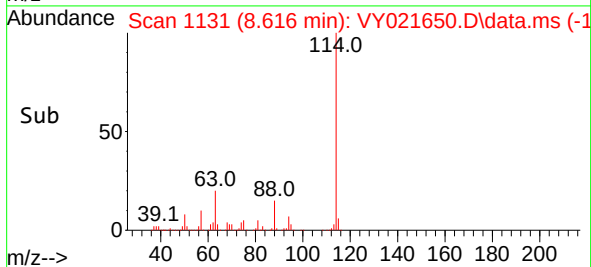
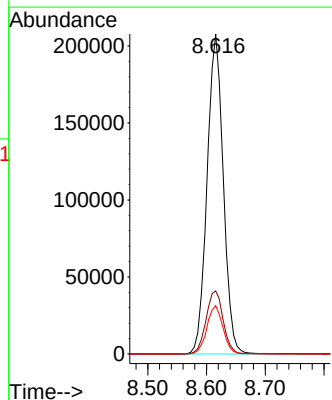
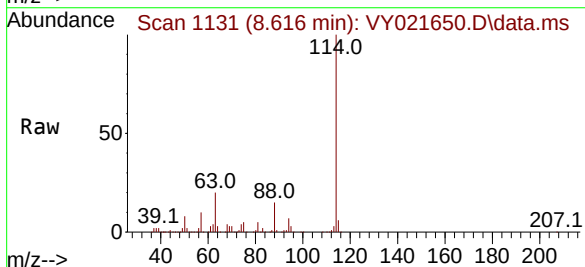
Tgt Ion: 114 Resp: 398133

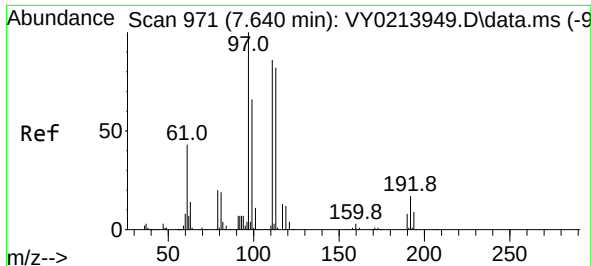
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.1 0.0 30.8

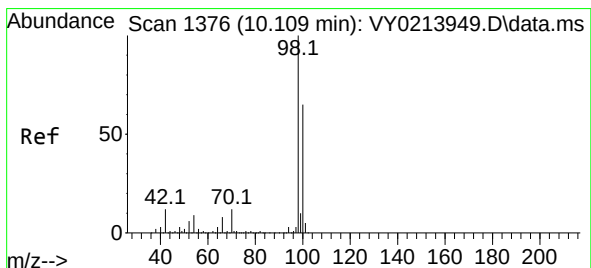
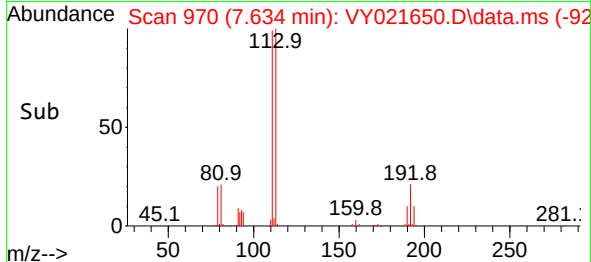
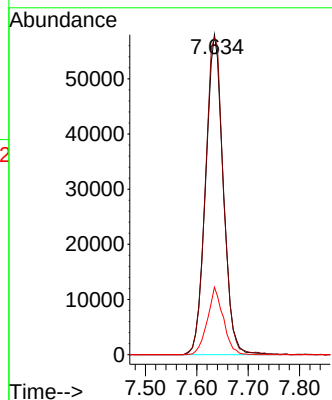
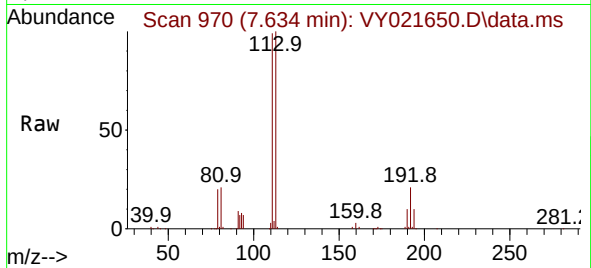




#35
Dibromofluoromethane
Concen: 52.620 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021650.D
Acq: 26 Mar 2025 16:34

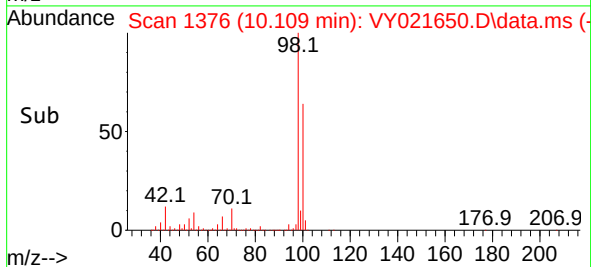
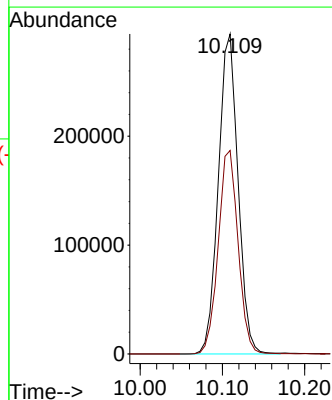
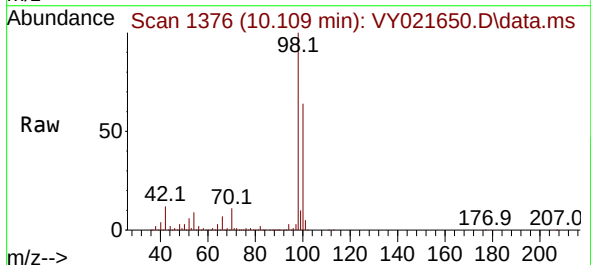
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

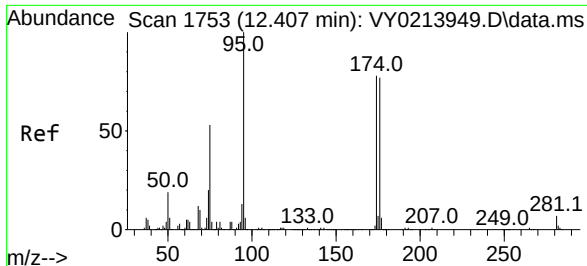
Tgt Ion:113 Resp: 137706
Ion Ratio Lower Upper
113 100
111 101.3 82.0 123.0
192 19.1 15.9 23.9



#50
Toluene-d8
Concen: 49.388 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021650.D
Acq: 26 Mar 2025 16:34

Tgt Ion: 98 Resp: 489376
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

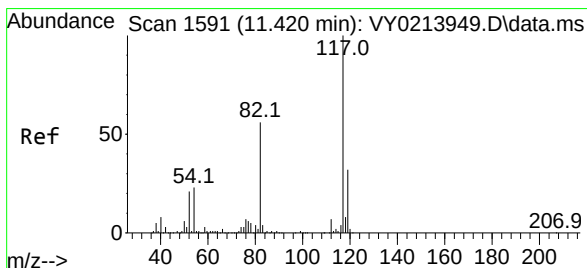
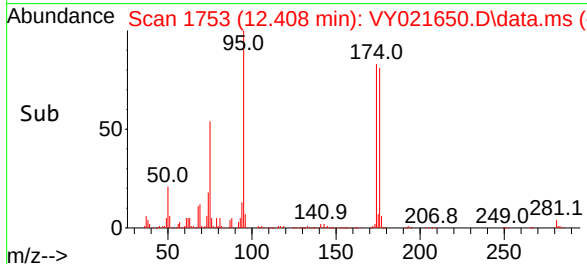
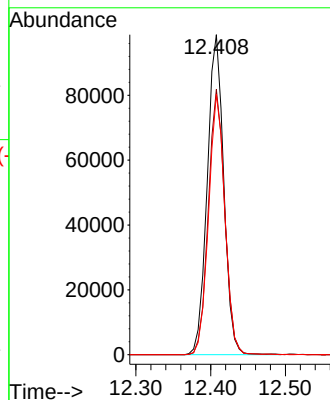
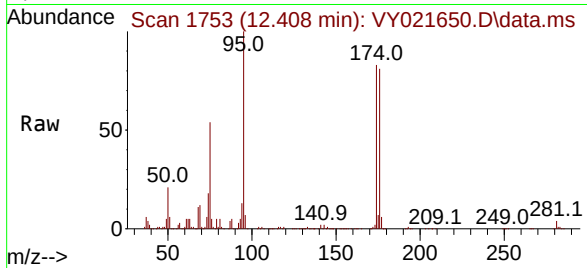




#62
4-Bromofluorobenzene
Concen: 44.872 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021650.D
Acq: 26 Mar 2025 16:34

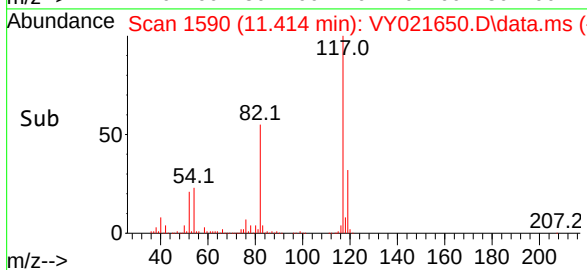
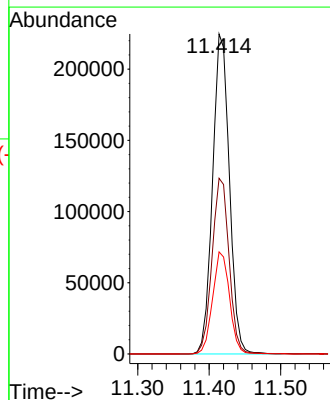
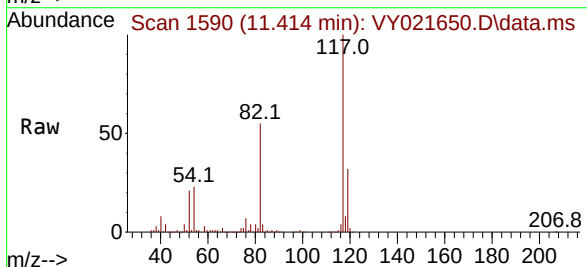
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

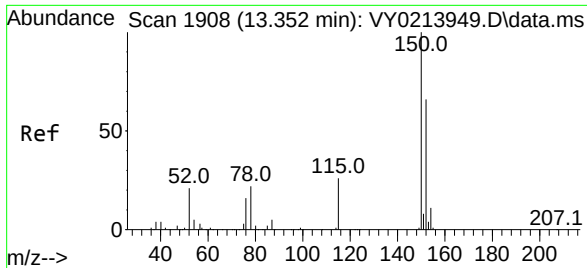
Tgt Ion: 95 Resp: 151243
Ion Ratio Lower Upper
95 100
174 82.4 0.0 165.0
176 80.4 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021650.D
Acq: 26 Mar 2025 16:34

Tgt Ion: 117 Resp: 366521
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021650.D

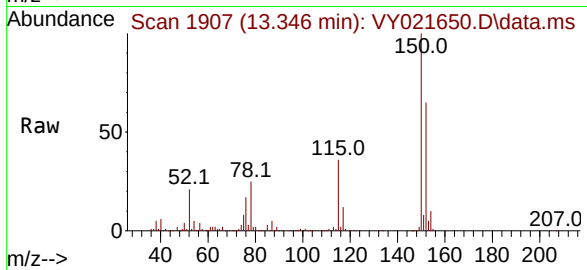
Acq: 26 Mar 2025 16:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-VOC



Tgt Ion:152 Resp: 147643

Ion Ratio Lower Upper

152 100

115 58.6 29.0 87.0

150 156.1 0.0 347.2

