

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021601.D
 Acq On : 21 Mar 2025 15:49
 Operator : SY/MD
 Sample : Q1606-07
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3025

Quant Time: Mar 21 23:12:03 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)

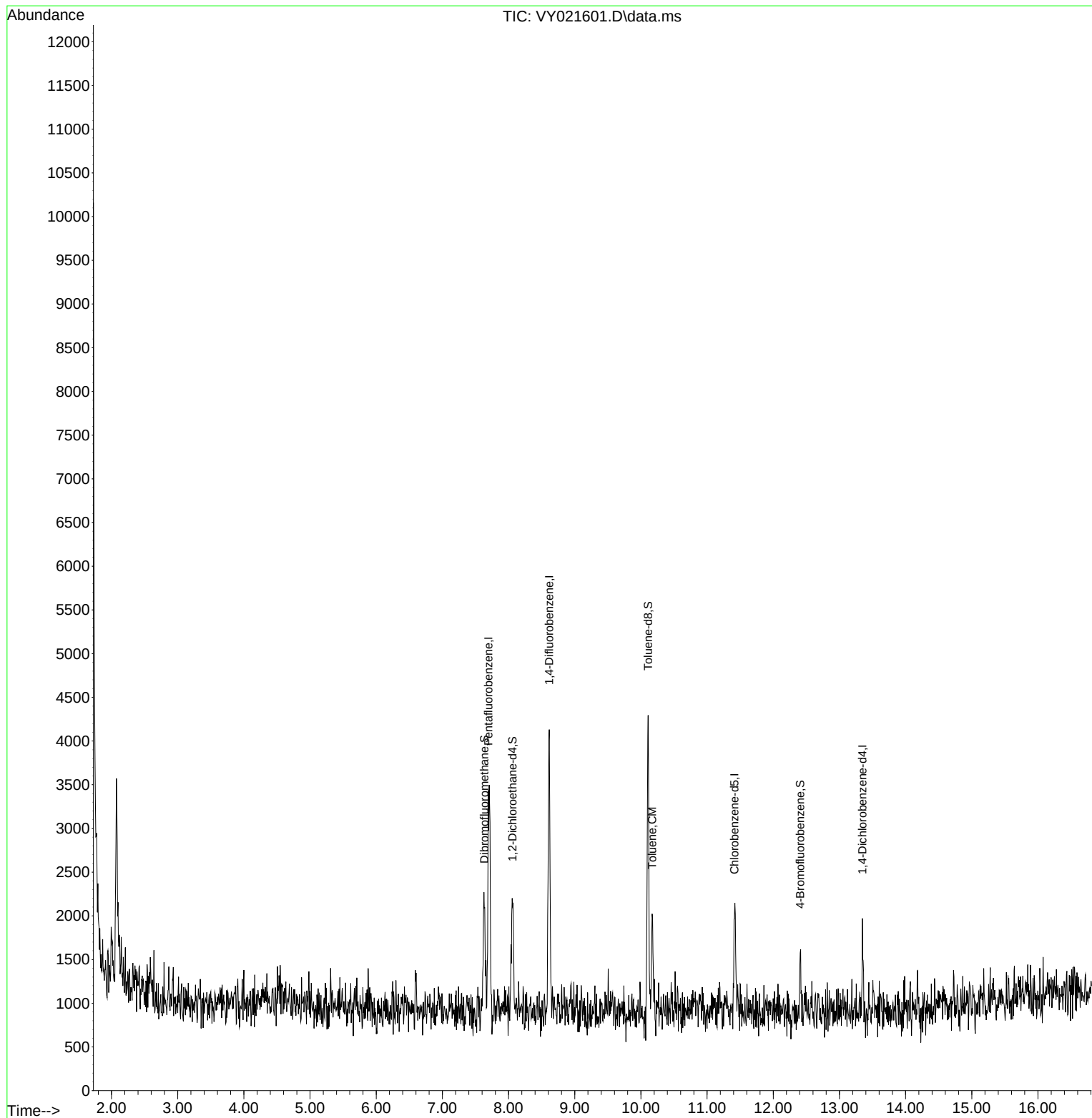
Internal Standards						
1) Pentafluorobenzene	7.695	168	2373	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.615	114	2773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	867	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	203	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	1319	52.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.180%
35) Dibromofluoromethane	7.634	113	1026	56.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.580%
50) Toluene-d8	10.109	98	2136	30.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.900%
62) 4-Bromofluorobenzene	12.407	95	242	10.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.620%#
Target Compounds						
52) Toluene	10.170	92	368	6.945	ug/l	# 69

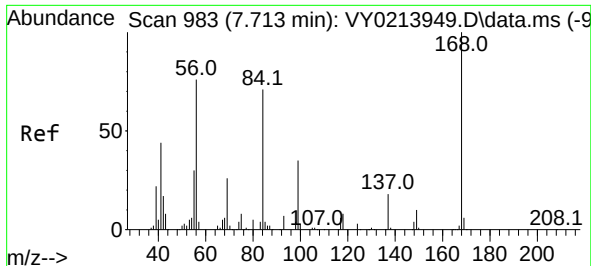
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
Data File : VY021601.D
Acq On : 21 Mar 2025 15:49
Operator : SY/MD
Sample : Q1606-07
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT3025

Quant Time: Mar 21 23:12:03 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

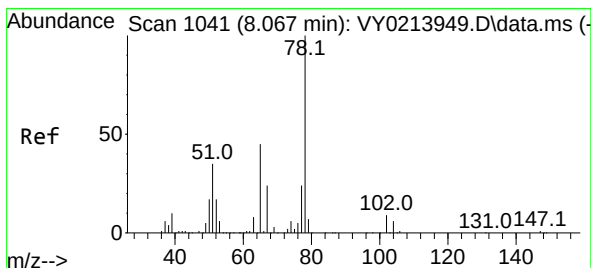
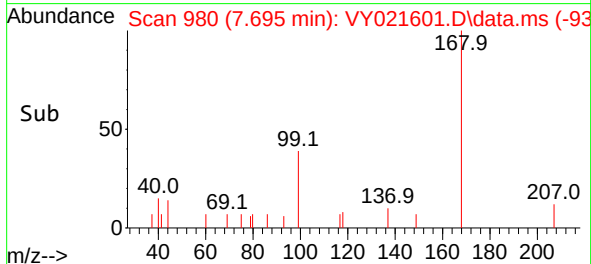
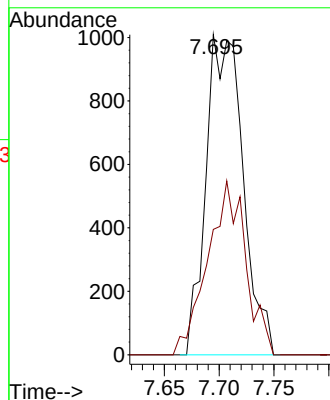
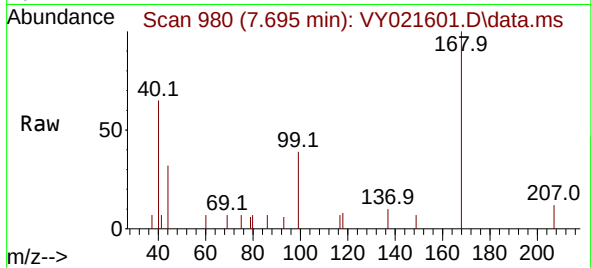




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY021601.D
Acq: 21 Mar 2025 15:49

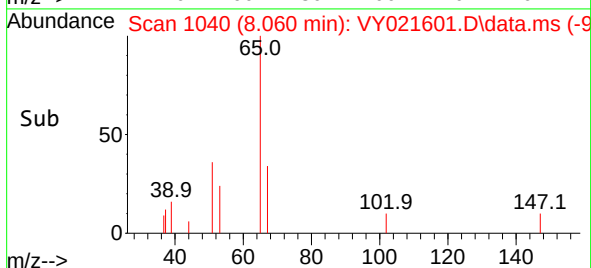
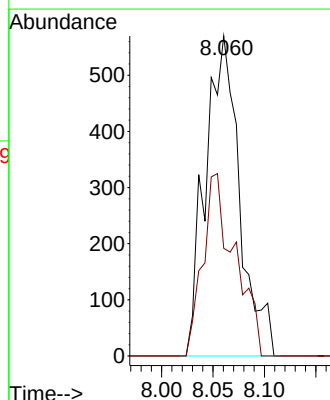
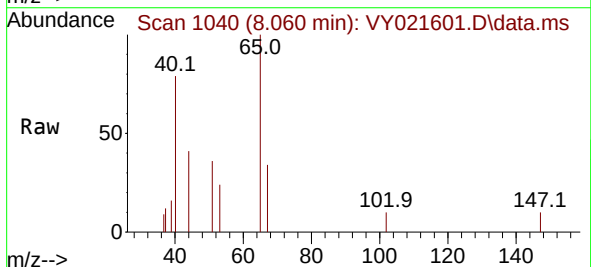
Instrument :
MSVOA_Y
ClientSampleId :
RT3025

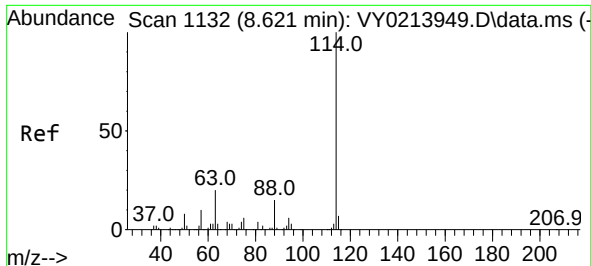
Tgt Ion:168 Resp: 2373
Ion Ratio Lower Upper
168 100
99 39.1 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 52.589 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021601.D
Acq: 21 Mar 2025 15:49

Tgt Ion: 65 Resp: 1319
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021601.D

Acq: 21 Mar 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

RT3025

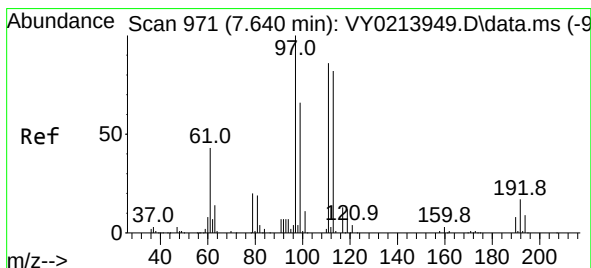
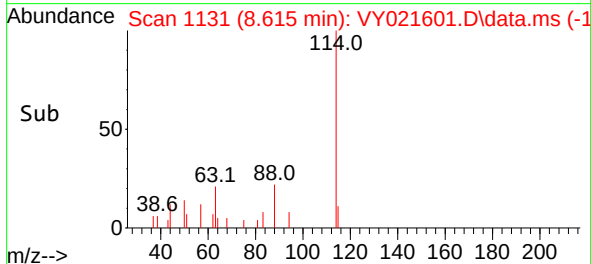
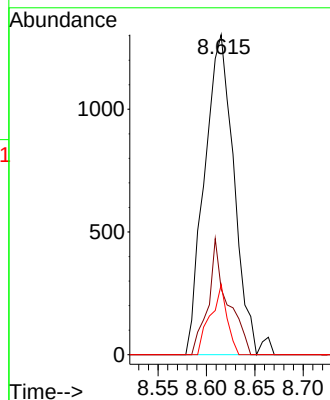
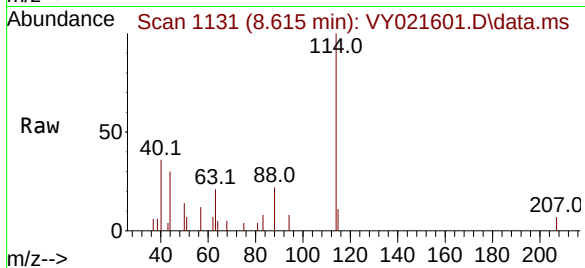
Tgt Ion:114 Resp: 2773

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 21.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 56.289 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021601.D

Acq: 21 Mar 2025 15:49

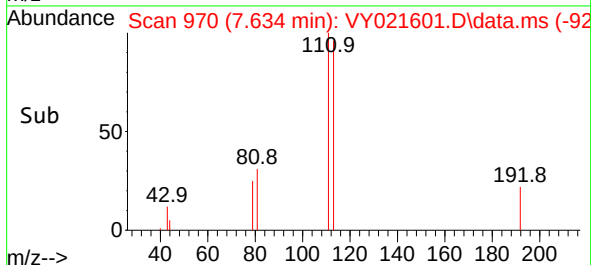
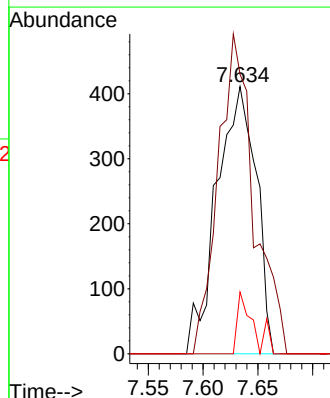
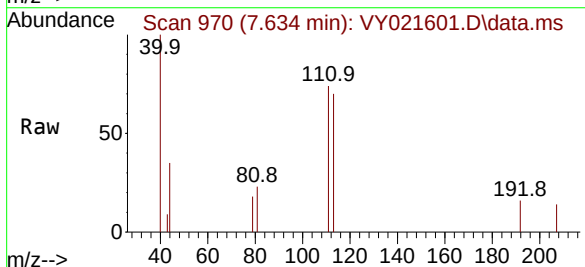
Tgt Ion:113 Resp: 1026

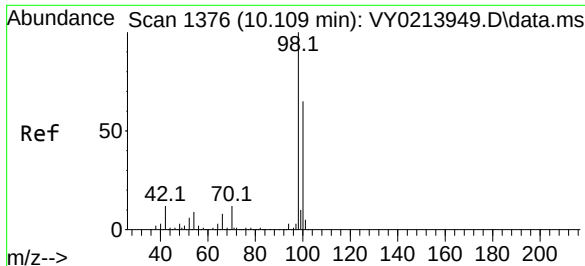
Ion Ratio Lower Upper

113 100

111 108.8 82.0 123.0

192 9.3 15.9 23.9#

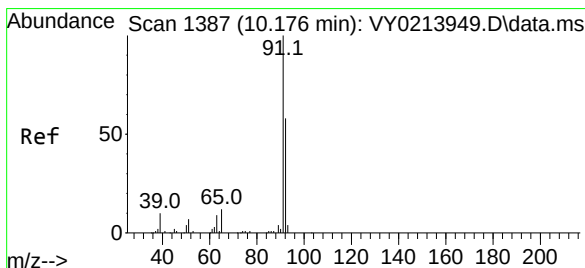
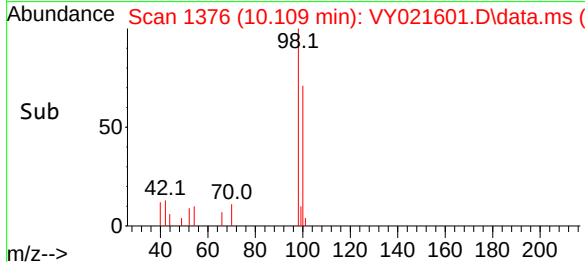
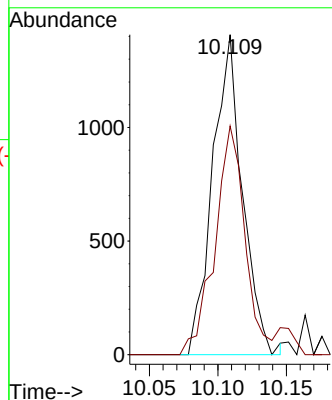
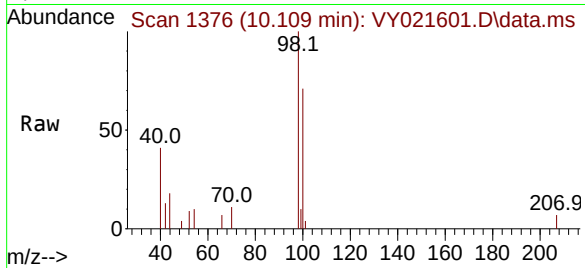




#50
Toluene-d8
Concen: 30.950 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021601.D
Acq: 21 Mar 2025 15:49

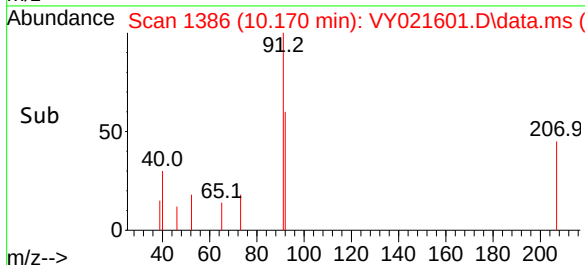
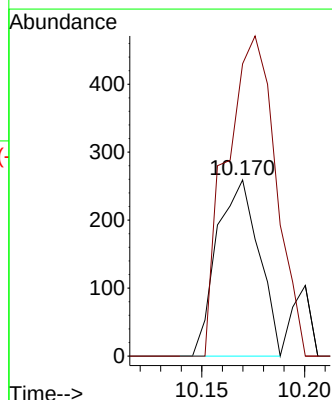
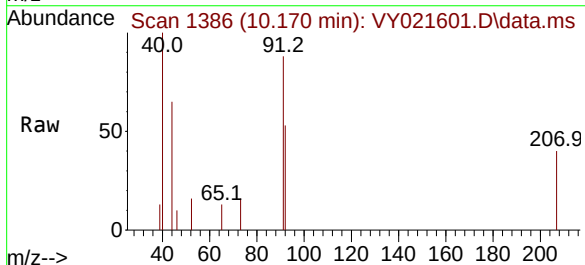
Instrument :
MSVOA_Y
ClientSampleId :
RT3025

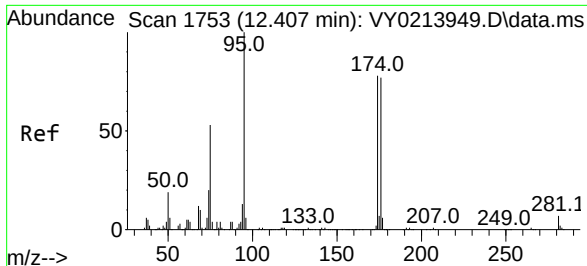
Tgt Ion: 98 Resp: 2136
Ion Ratio Lower Upper
98 100
100 72.0 52.1 78.1



#52
Toluene
Concen: 6.945 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021601.D
Acq: 21 Mar 2025 15:49

Tgt Ion: 92 Resp: 368
Ion Ratio Lower Upper
92 100
91 215.8 138.2 207.2#





#62

4-Bromofluorobenzene

Concen: 10.308 ug/l

RT: 12.407 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021601.D

Acq: 21 Mar 2025 15:49

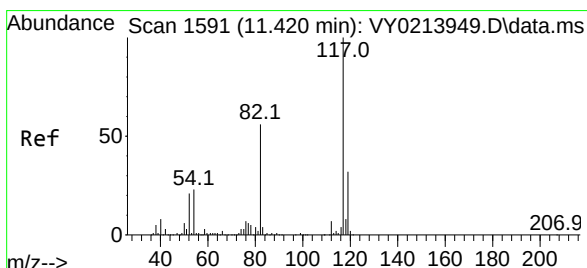
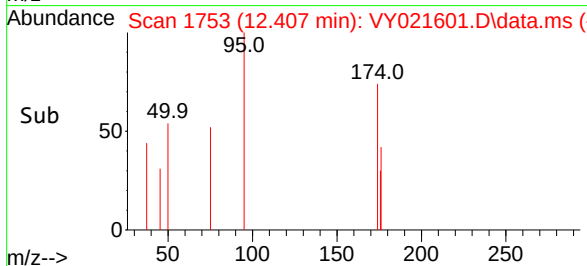
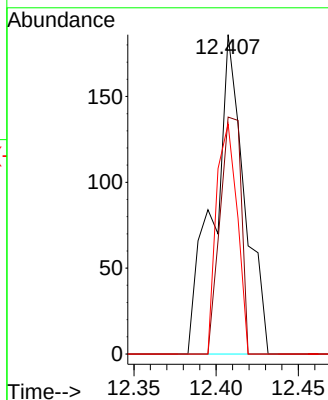
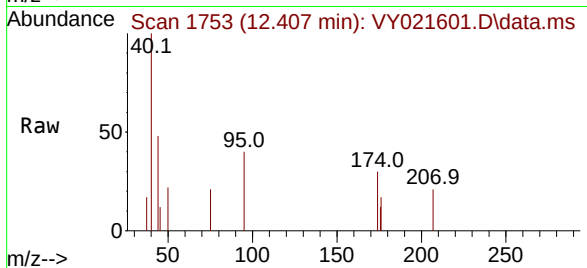
Instrument :

MSVOA_Y

ClientSampleId :

RT3025

Tgt Ion:	95	Resp:	242
Ion Ratio	Lower	Upper	
95	100		
174	51.2	0.0	165.0
176	48.3	0.0	160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

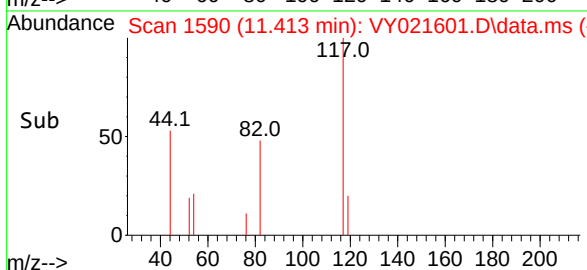
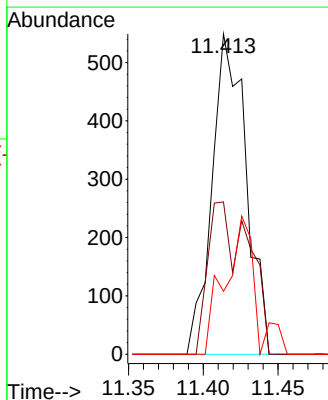
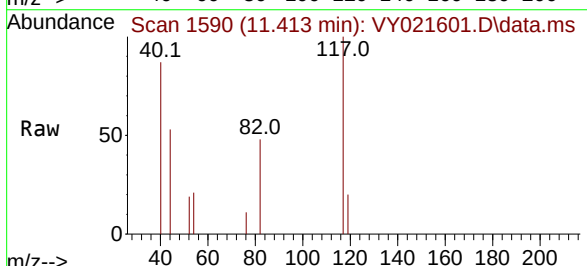
RT: 11.413 min Scan# 1590

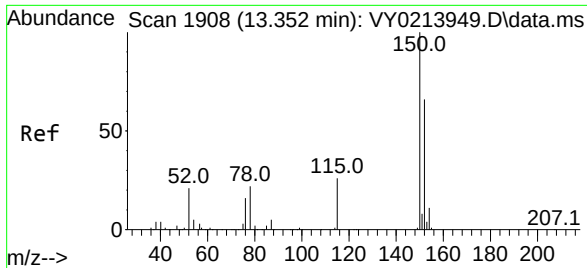
Delta R.T. -0.006 min

Lab File: VY021601.D

Acq: 21 Mar 2025 15:49

Tgt Ion:	117	Resp:	867
Ion Ratio	Lower	Upper	
117	100		
82	47.5	44.6	67.0
119	19.7	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: VY021601.D

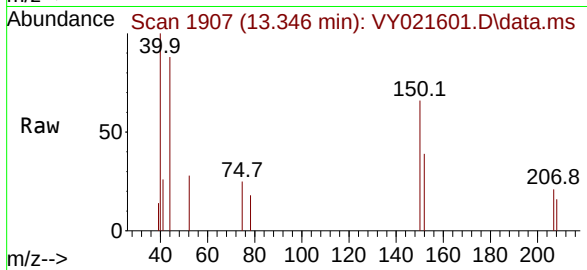
Acq: 21 Mar 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

RT3025



Tgt Ion:152 Resp: 203

Ion Ratio Lower Upper

152 100

115 12.3 29.0 87.0#

150 181.3 0.0 347.2

