

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021443.D
 Acq On : 06 Mar 2025 18:33
 Operator : SY/MD
 Sample : Q1463-04
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T4

Quant Time: Mar 07 00:42:17 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)

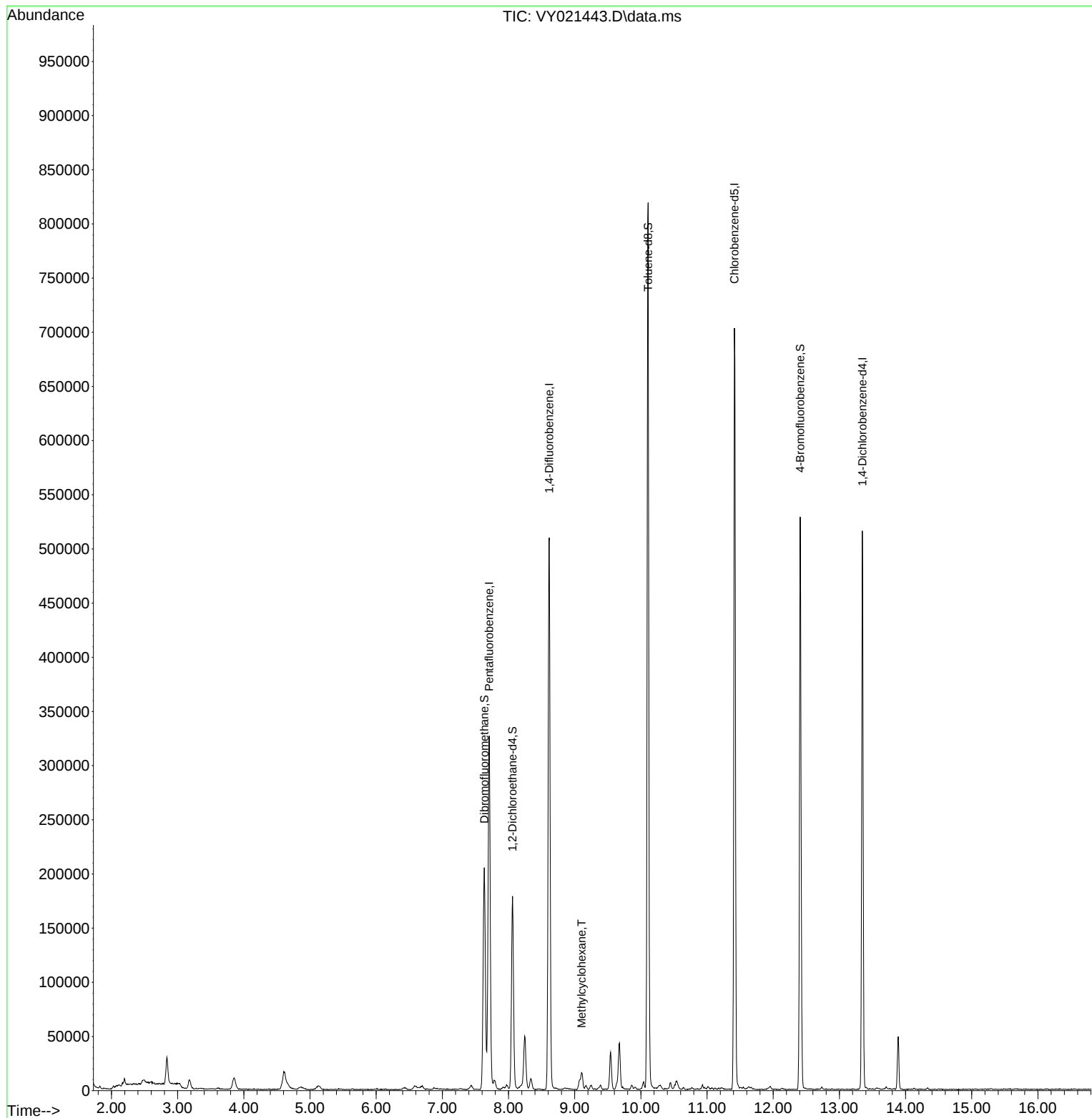
Internal Standards						
1) Pentafluorobenzene	7.707	168	230232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	423986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	354306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	121402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139775	57.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.880%
35) Dibromofluoromethane	7.634	113	139499	50.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.109	98	513394	48.653	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.408	95	140842	39.238	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.480%
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.103	83	5873	1.098	ug/l #	86

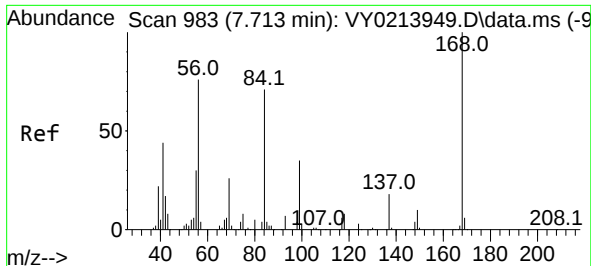
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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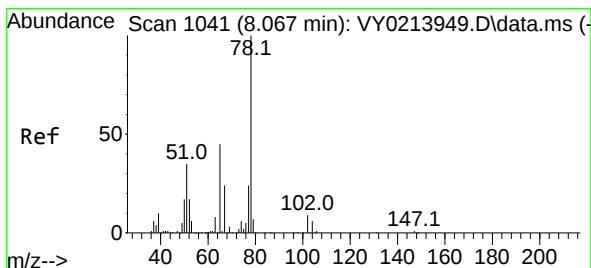
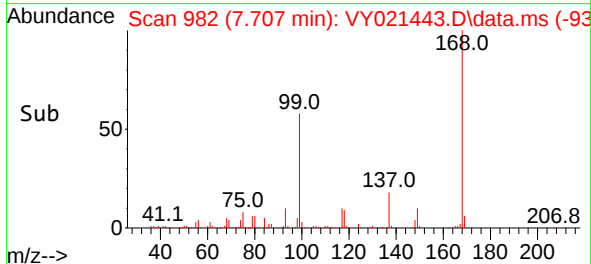
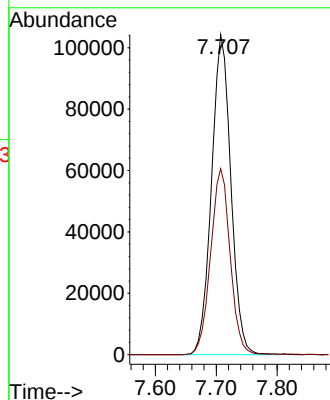
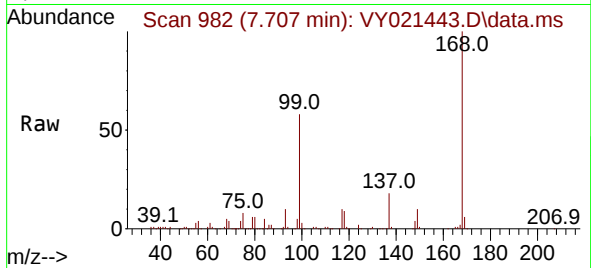




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

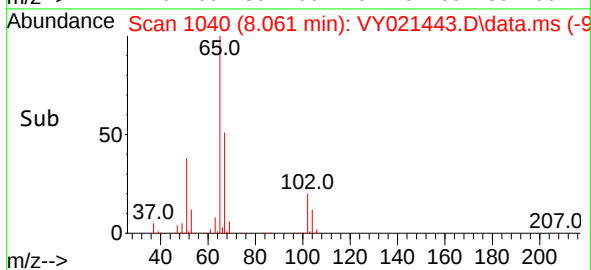
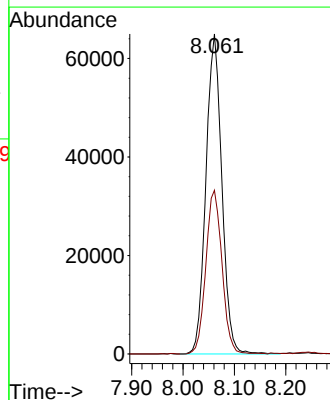
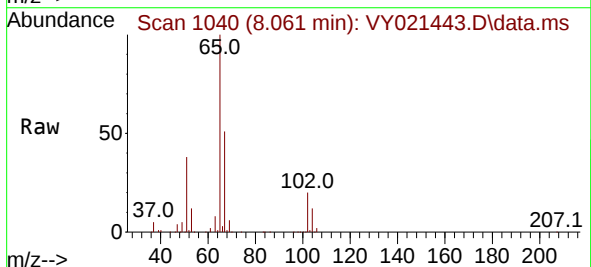
Instrument :
MSVOA_Y
ClientSampleId :
T4

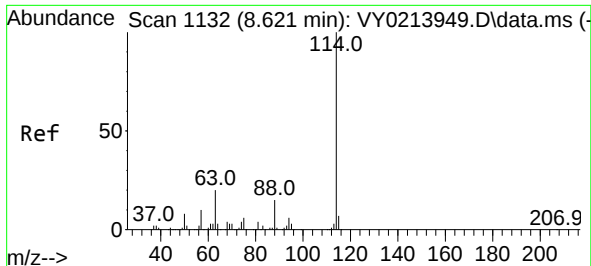
Tgt Ion:168 Resp: 230232
Ion Ratio Lower Upper
168 100
99 58.1 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 57.440 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Tgt Ion: 65 Resp: 139775
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8

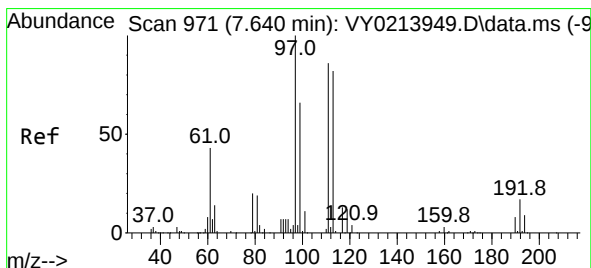
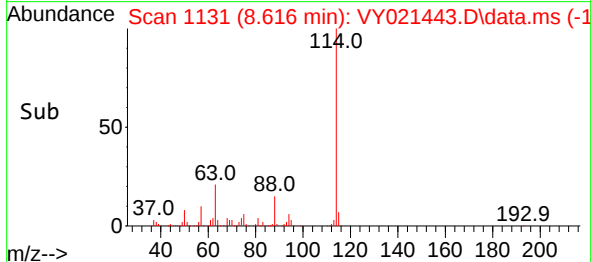
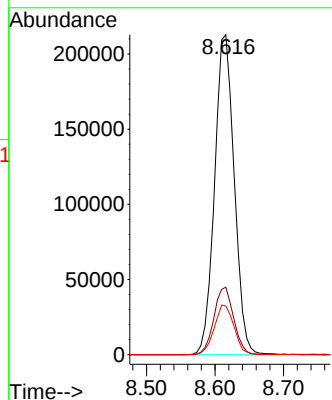
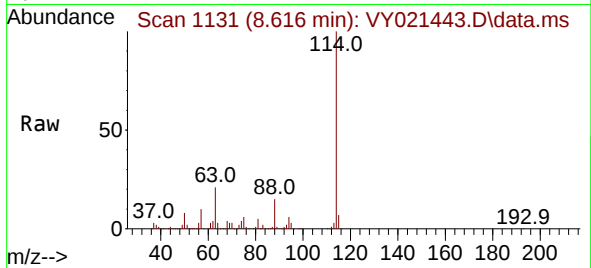




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

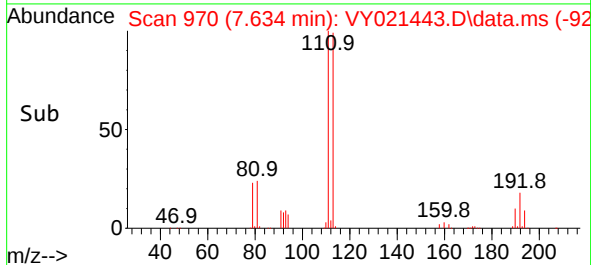
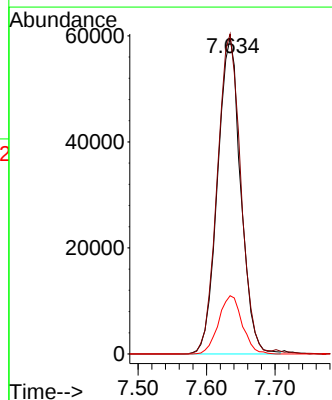
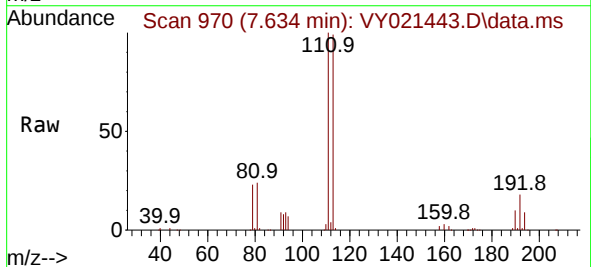
Instrument :
MSVOA_Y
ClientSampleId :
T4

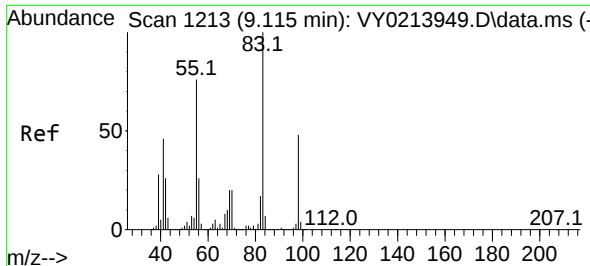
Tgt Ion:114	Resp: 423986
Ion Ratio	Lower Upper
114 100	
63 21.1	0.0 40.8
88 15.3	0.0 30.8



#35
Dibromofluoromethane
Concen: 50.055 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Tgt Ion:113	Resp: 139499
Ion Ratio	Lower Upper
113 100	
111 103.5	82.0 123.0
192 18.8	15.9 23.9

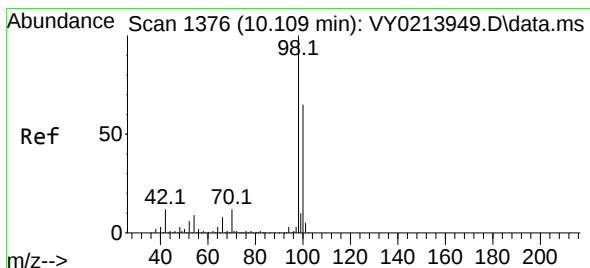
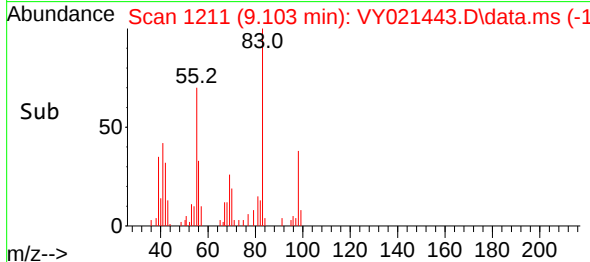
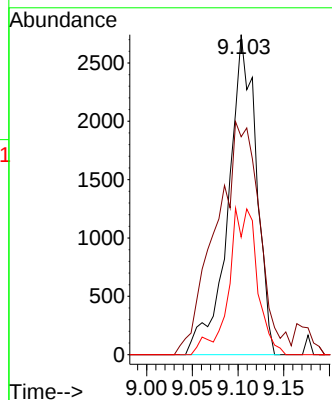
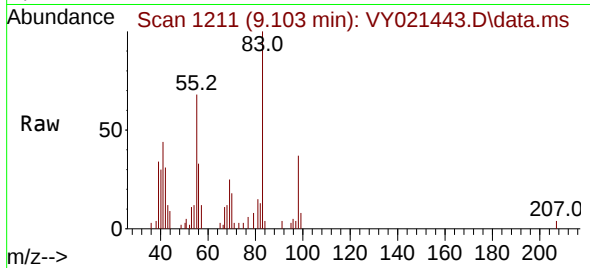




#39
Methylcyclohexane
Concen: 1.098 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.012 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

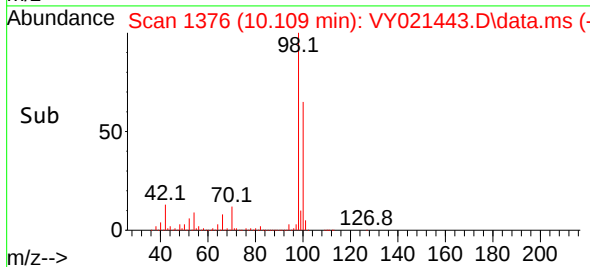
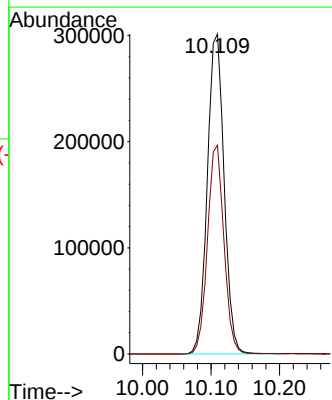
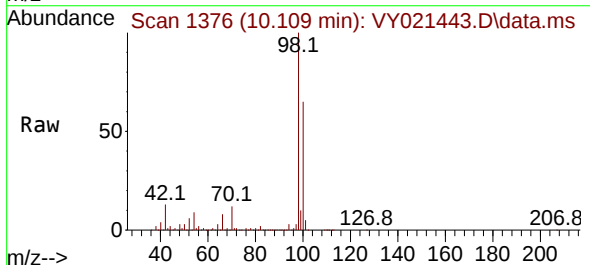
Instrument :
MSVOA_Y
ClientSampleId :
T4

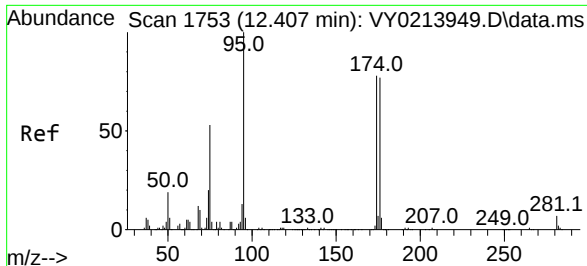
Tgt Ion: 83 Resp: 5873
Ion Ratio Lower Upper
83 100
55 65.4 60.7 91.1
98 36.8 38.6 57.8#



#50
Toluene-d8
Concen: 48.653 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Tgt Ion: 98 Resp: 513394
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

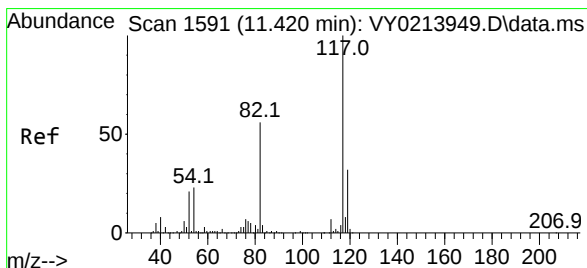
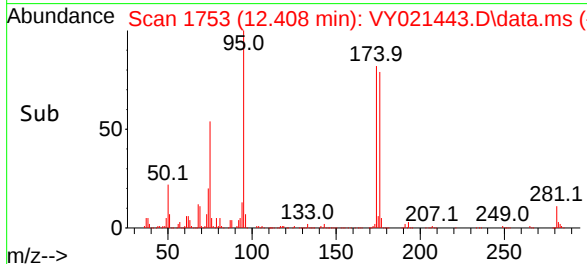
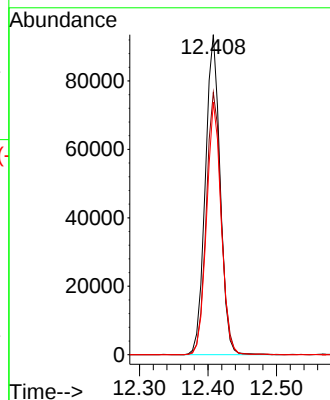
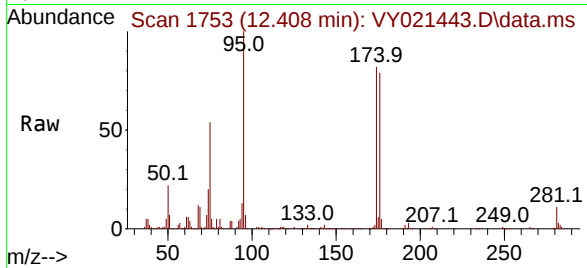




#62
4-Bromofluorobenzene
Concen: 39.238 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

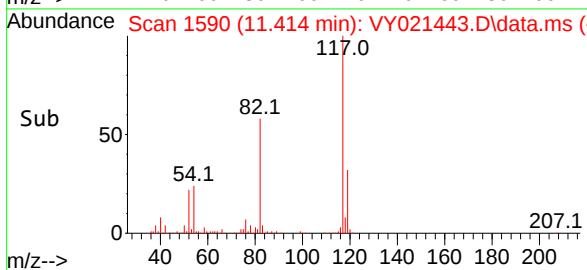
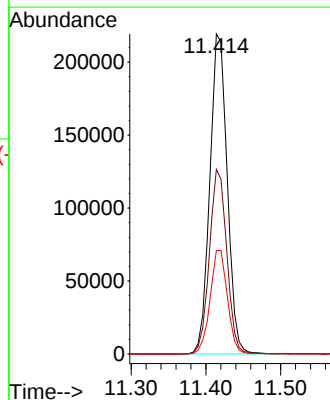
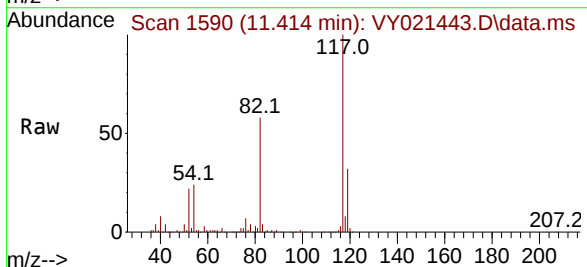
Instrument :
MSVOA_Y
ClientSampleId :
T4

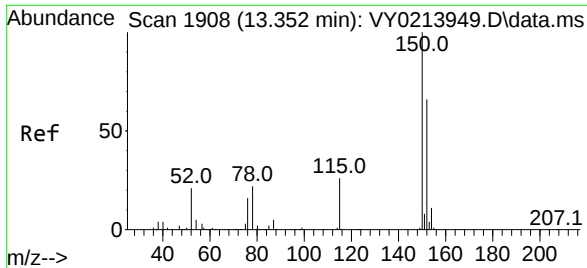
Tgt Ion: 95 Resp: 140842
Ion Ratio Lower Upper
95 100
174 82.7 0.0 165.0
176 77.6 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Tgt Ion: 117 Resp: 354306
Ion Ratio Lower Upper
117 100
82 57.7 44.6 67.0
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021443.D

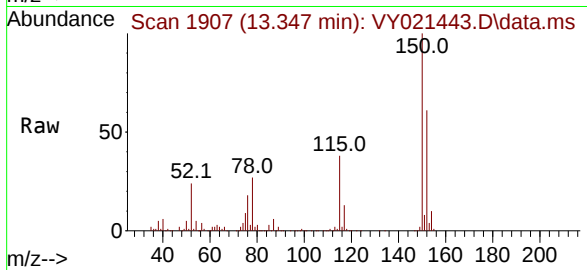
Acq: 06 Mar 2025 18:33

Instrument :

MSVOA_Y

ClientSampleId :

T4



Tgt Ion:152 Resp: 121402

Ion Ratio Lower Upper

152 100

115 58.3 29.0 87.0

150 158.7 0.0 347.2

