

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046823.D
 Acq On : 23 Jun 2025 16:16
 Operator : JC/MD
 Sample : Q2371-06
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBUFF1

Quant Time: Jun 24 04:09:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

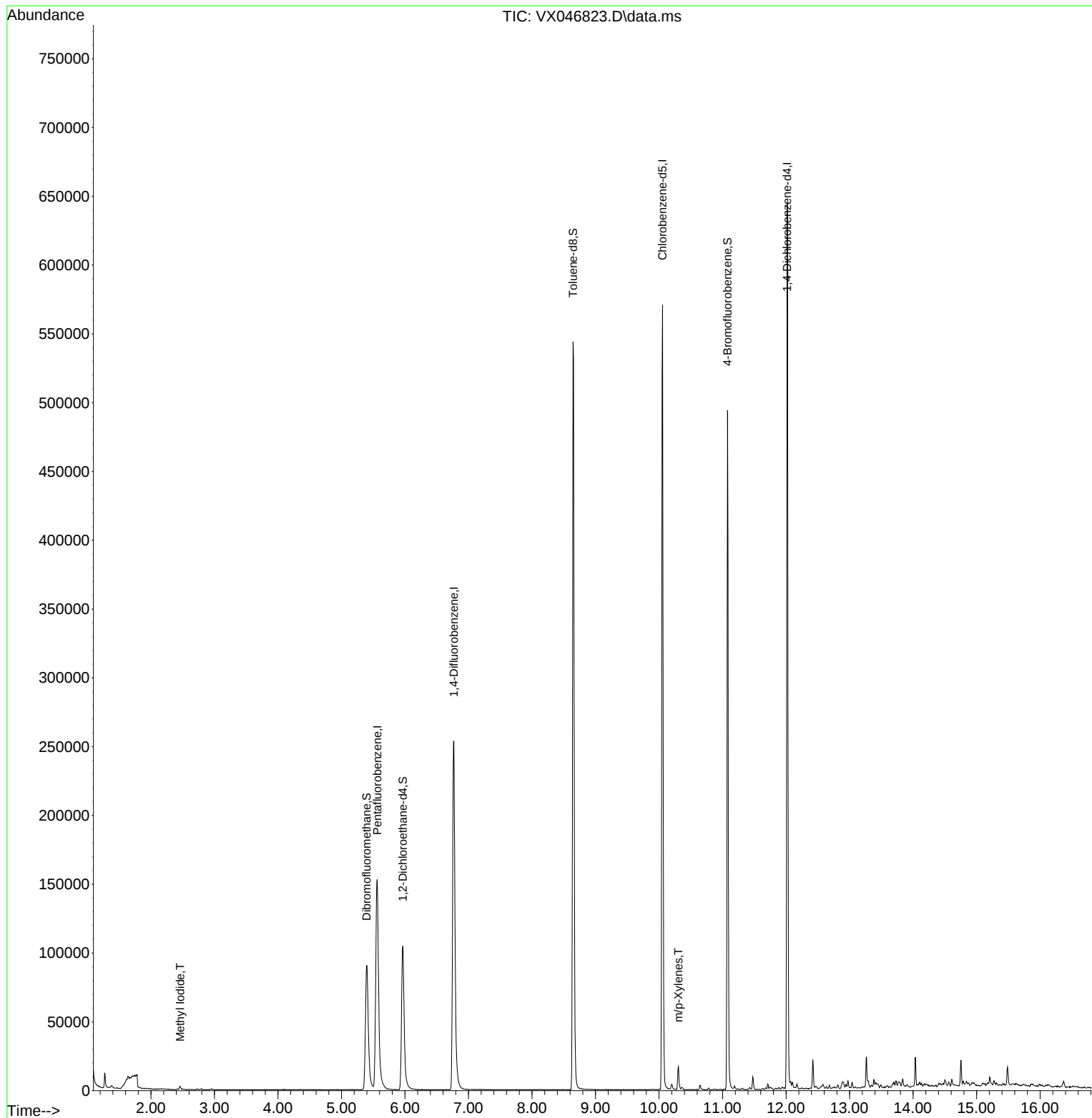
Internal Standards						
1) Pentafluorobenzene	5.562	168	165089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110528	48.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	5.397	113	90228	46.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	8.647	98	344741	49.909	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.079	95	132002	51.267	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.540%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	2947	5.471	ug/l #	86
68) m/p-Xylenes	10.305	106	4446	1.168	ug/l	92

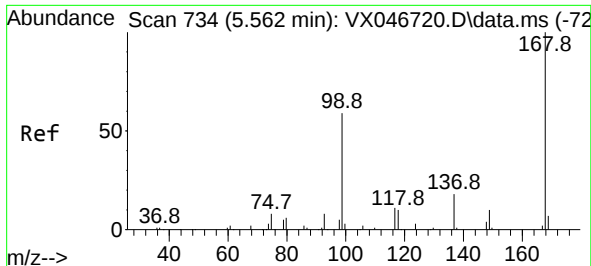
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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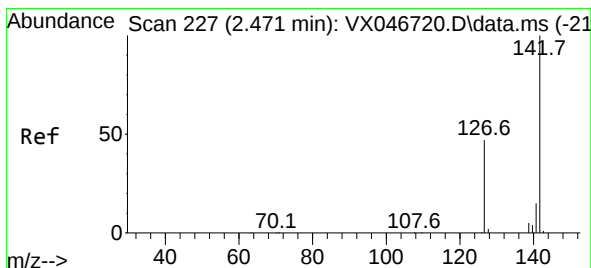
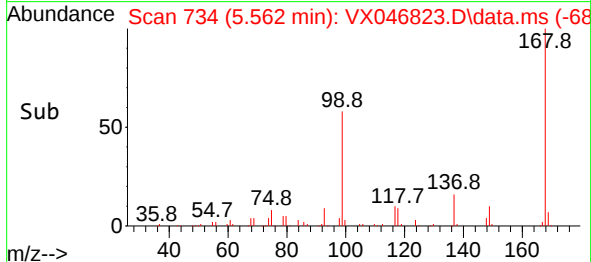
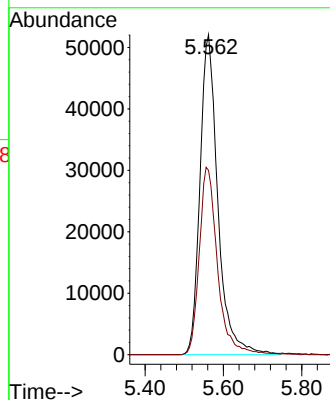
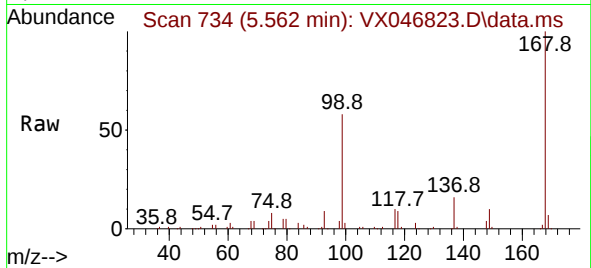




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

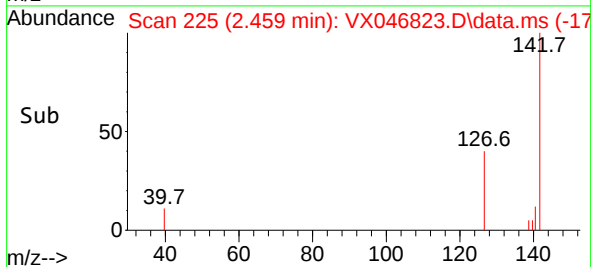
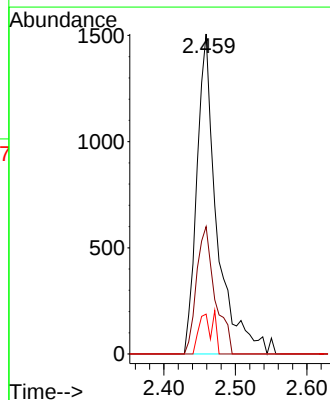
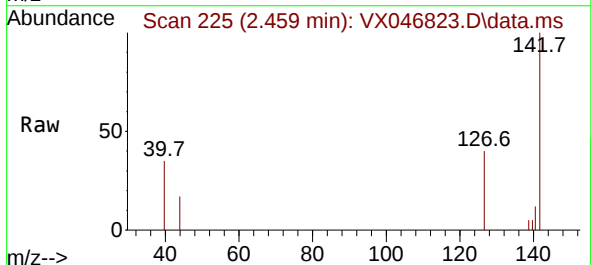
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

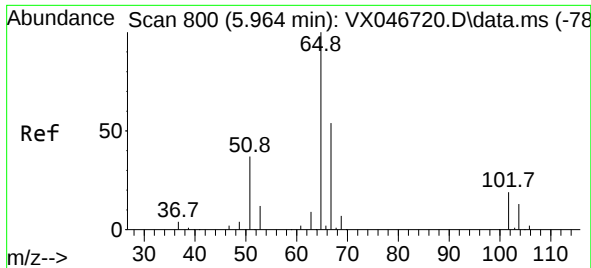
Tgt Ion:168 Resp: 165089
Ion Ratio Lower Upper
168 100
99 57.6 48.5 72.7



#10
Methyl Iodide
Concen: 5.471 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion:142 Resp: 2947
Ion Ratio Lower Upper
142 100
127 36.5 37.0 55.6#
141 9.1 11.5 17.3#





#33

1,2-Dichloroethane-d4

Concen: 48.403 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046823.D

Acq: 23 Jun 2025 16:16

Instrument :

MSVOA_X

ClientSampleId :

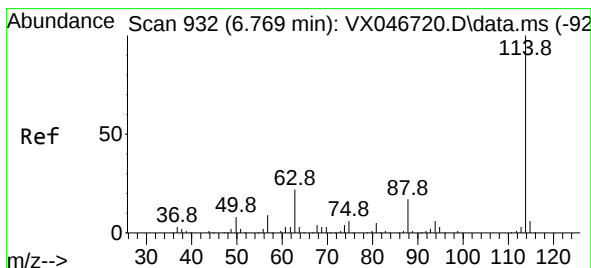
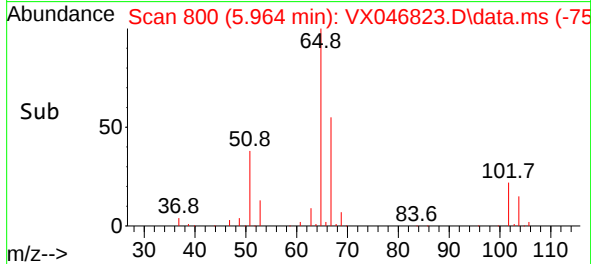
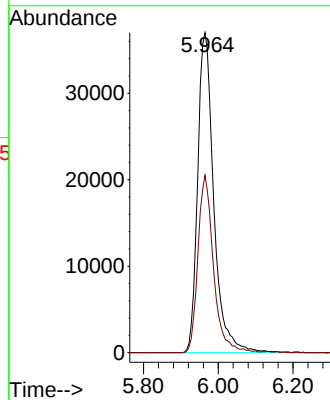
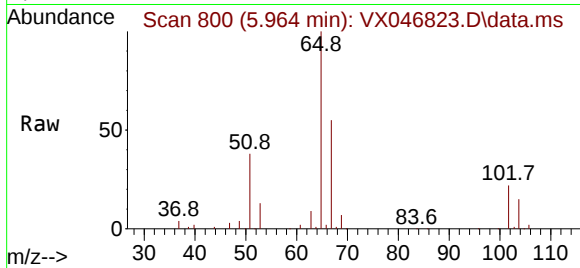
GBUFF1

Tgt Ion: 65 Resp: 110528

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046823.D

Acq: 23 Jun 2025 16:16

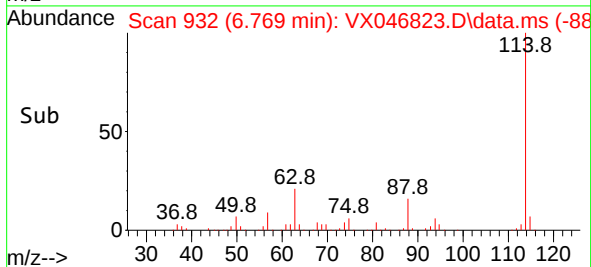
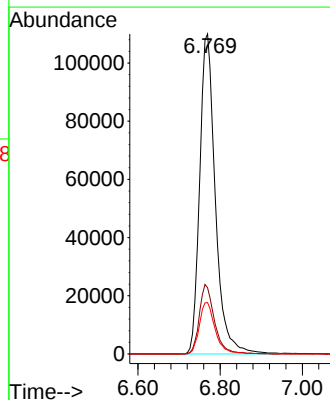
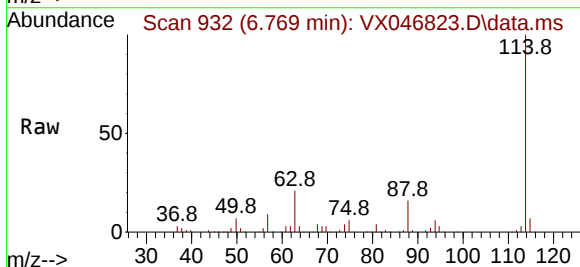
Tgt Ion: 114 Resp: 290579

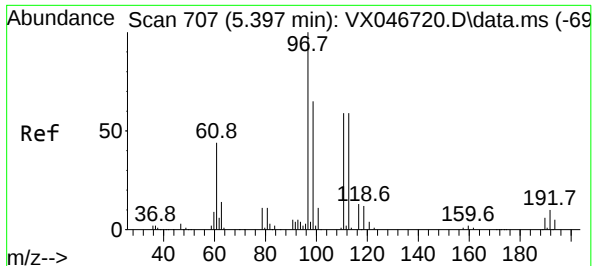
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.2

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.931 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046823.D

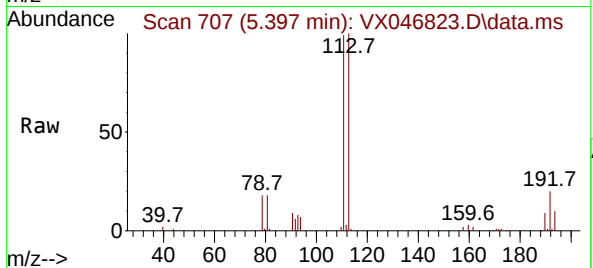
Acq: 23 Jun 2025 16:16

Instrument :

MSVOA_X

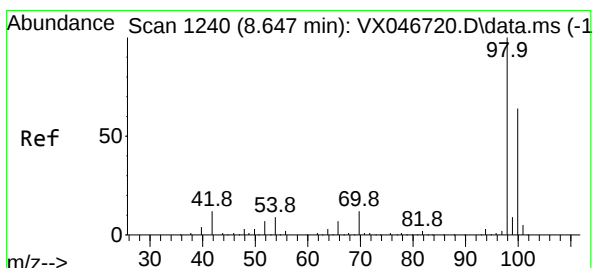
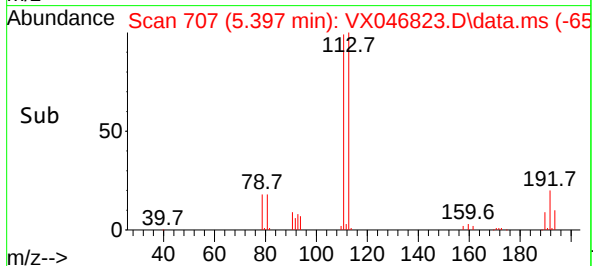
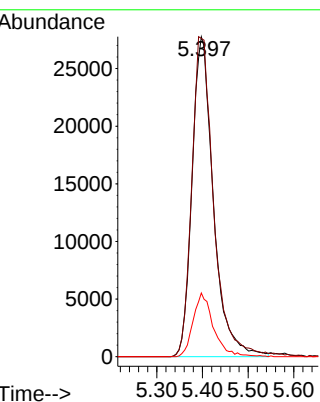
ClientSampleId :

GBUFF1



Tgt Ion:113 Resp: 90228

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	19.0	15.3	22.9



#50

Toluene-d8

Concen: 49.909 ug/l

RT: 8.647 min Scan# 1240

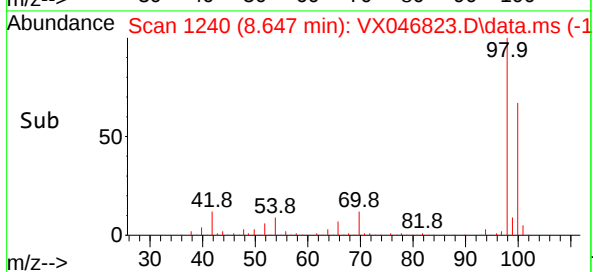
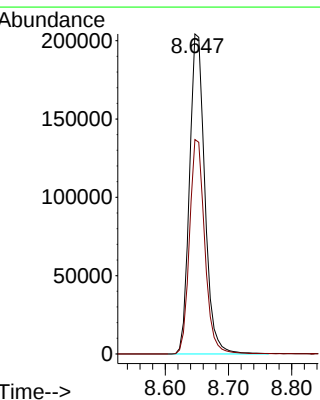
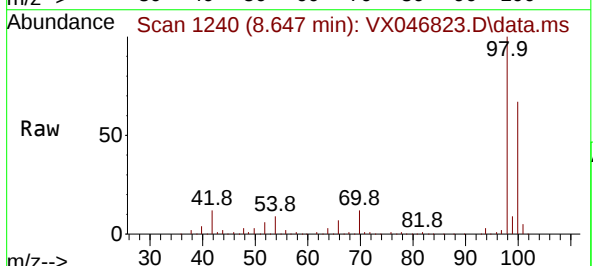
Delta R.T. -0.000 min

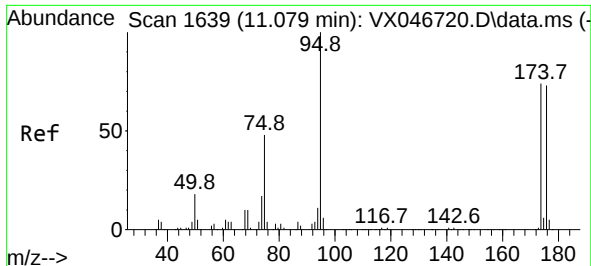
Lab File: VX046823.D

Acq: 23 Jun 2025 16:16

Tgt Ion: 98 Resp: 344741

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

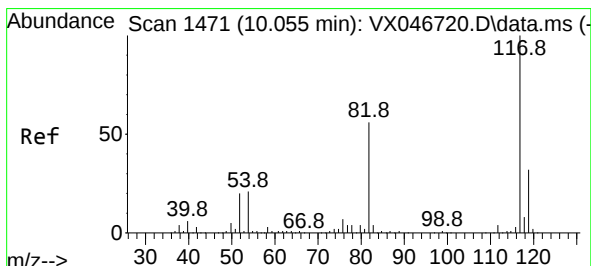
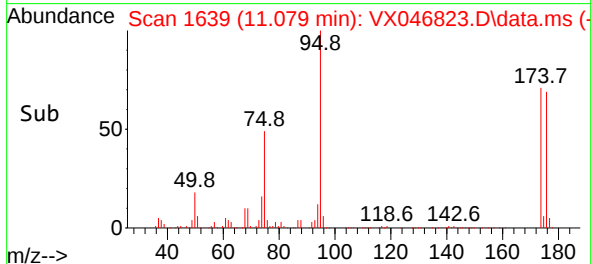
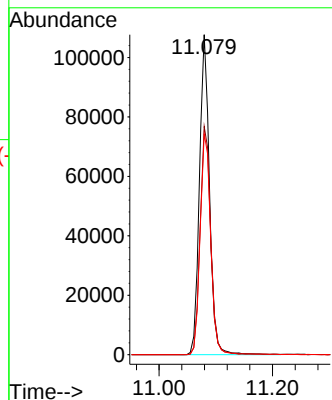
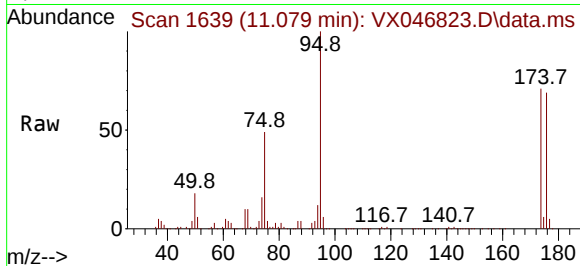




#62
4-Bromofluorobenzene
Concen: 51.267 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

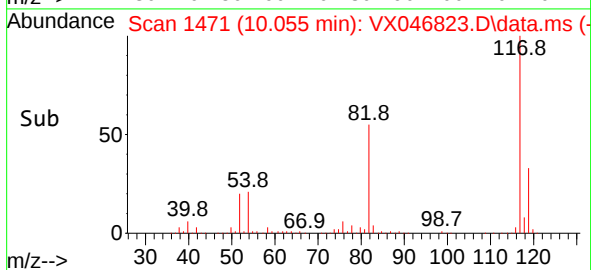
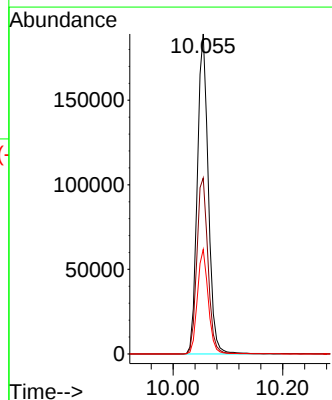
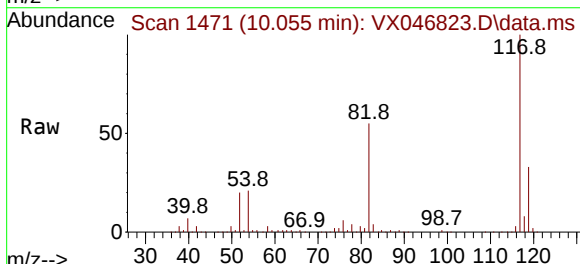
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

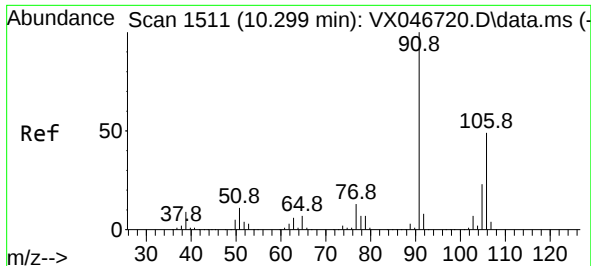
Tgt Ion: 95 Resp: 132002
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.4
176 72.7 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion: 117 Resp: 264787
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 32.7 25.8 38.8

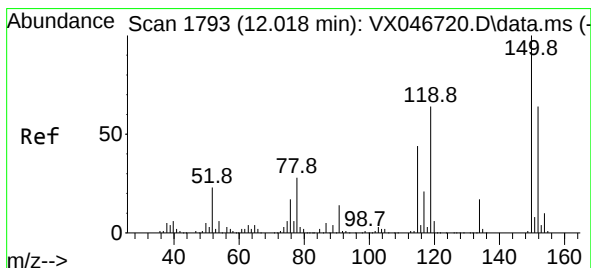
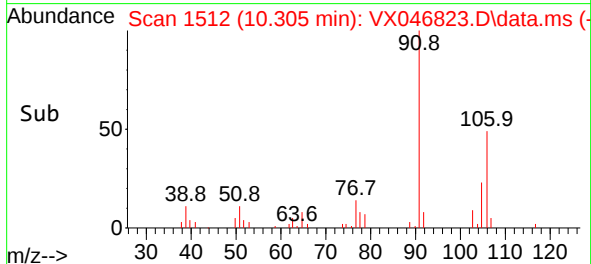
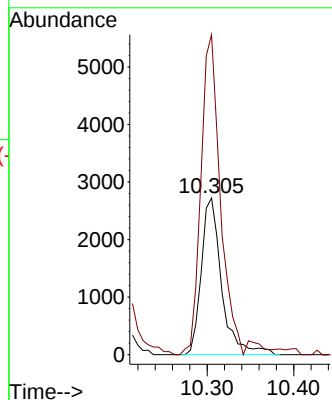
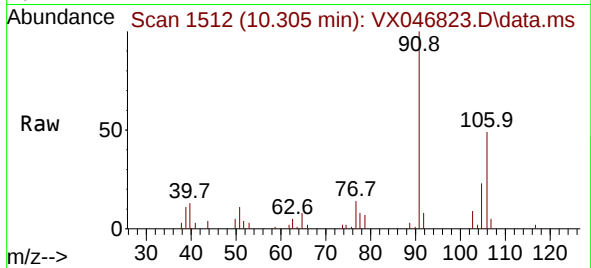




#68
m/p-Xylenes
Concen: 1.168 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

Tgt Ion:106 Resp: 4446
Ion Ratio Lower Upper
106 100
91 193.5 164.8 247.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion:152 Resp: 131514
Ion Ratio Lower Upper
152 100
115 61.4 43.2 129.6
150 158.4 0.0 346.8

