

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040777.D
 Acq On : 22 Mar 2024 13:58
 Operator : JC/MD
 Sample : P1834-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240320082-02

Quant Time: Mar 23 05:05:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

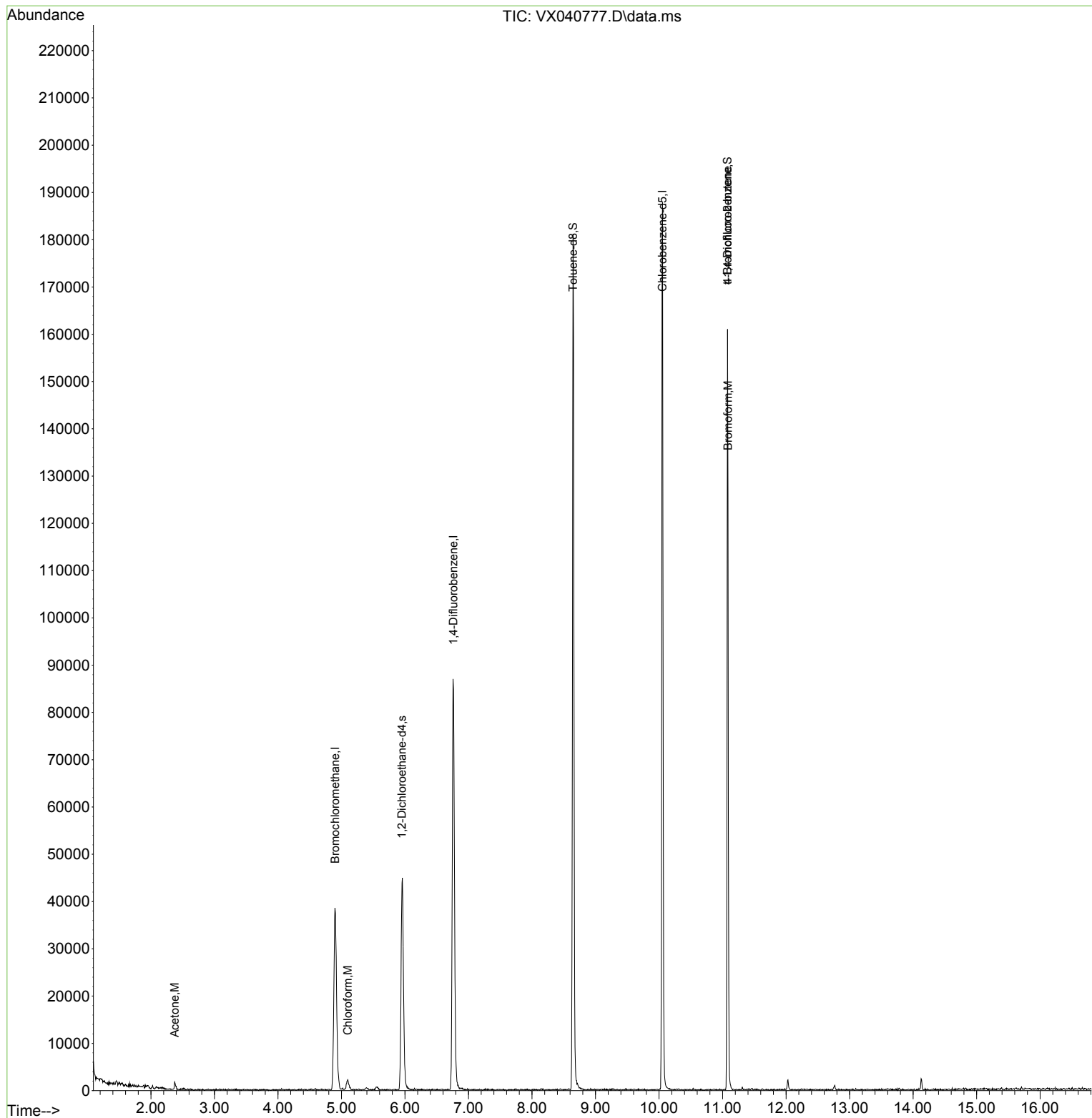
Internal Standards						
1) Bromochloromethane	4.897	128	14907	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	84874	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79897	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44007	29.558	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.533%
60) 4-Bromofluorobenzene	11.079	95	38777	28.295	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.300%
63) Toluene-d8	8.647	98	104219	29.517	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.400%
Target Compounds						
					Qvalue	
15) Acetone	2.373	58	413	2.506	ug/l	80
25) Chloroform	5.098	83	2253	1.090	ug/l	90
56) Bromoform	11.085	173	319	0.374	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	23147	48.450	ug/l #	12

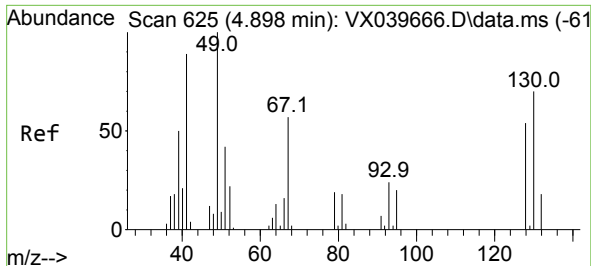
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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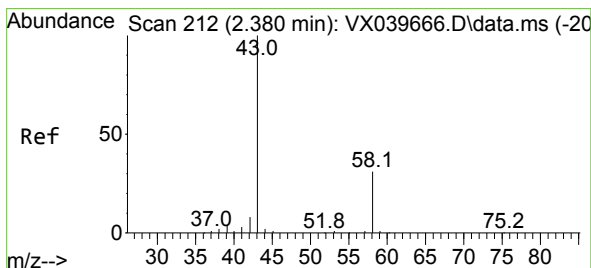
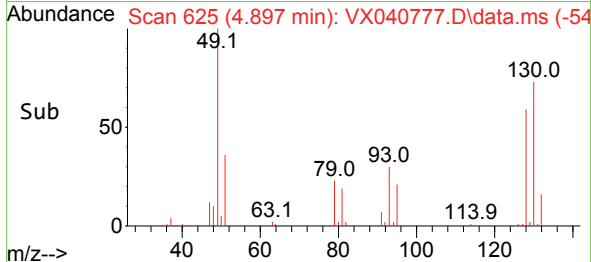
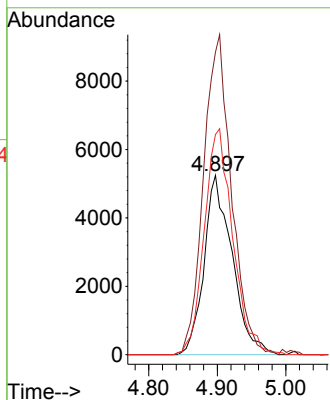
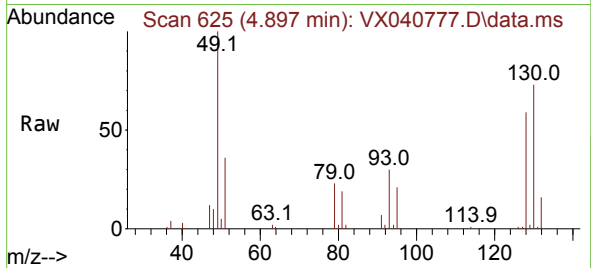




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

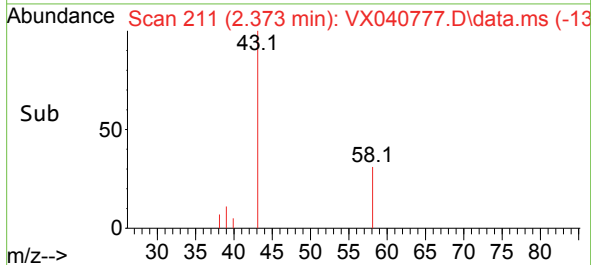
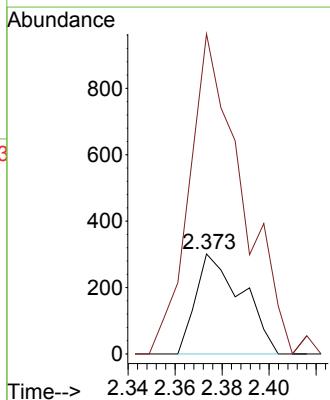
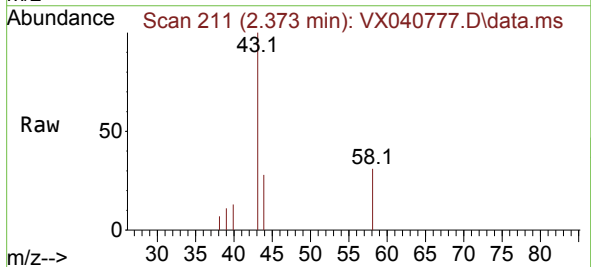
Instrument :
MSVOA_X
ClientSampleId :
240320082-02

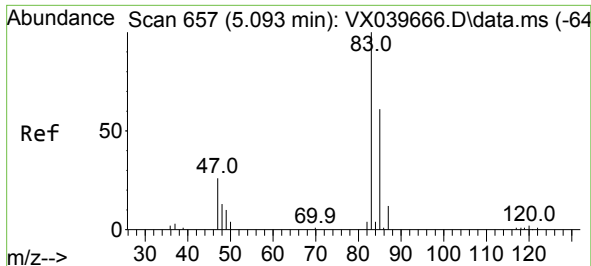
Tgt Ion:128 Resp: 14907
Ion Ratio Lower Upper
128 100
49 177.1 0.0 444.0
130 125.9 0.0 297.8



#15
Acetone
Concen: 2.506 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

Tgt Ion: 58 Resp: 413
Ion Ratio Lower Upper
58 100
43 272.1 249.9 374.9

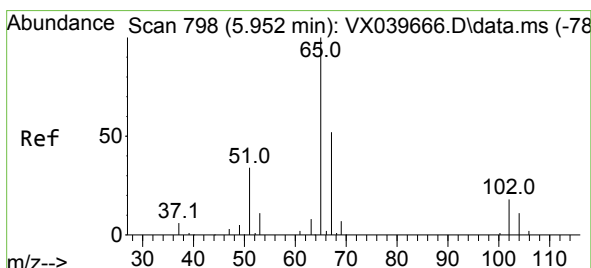
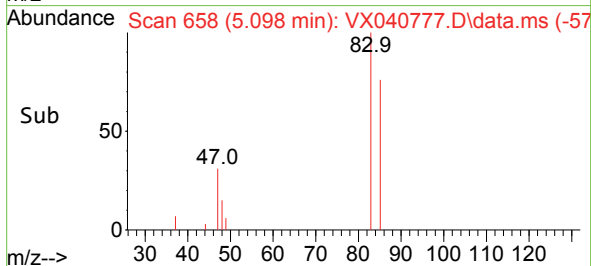
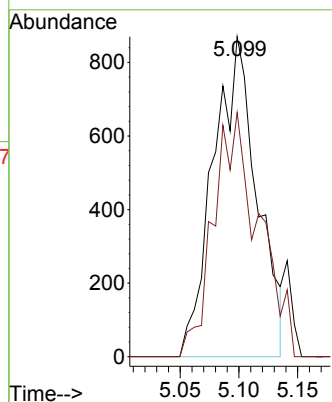
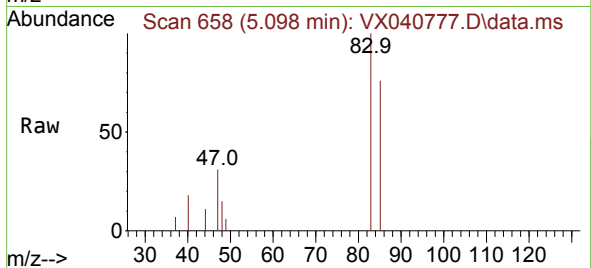




#25
Chloroform
Concen: 1.090 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

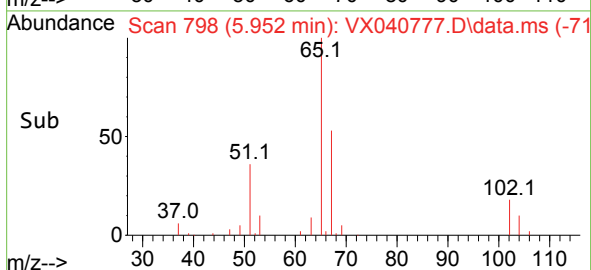
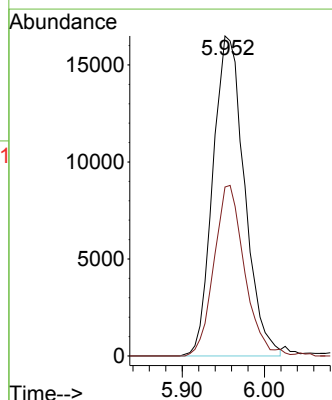
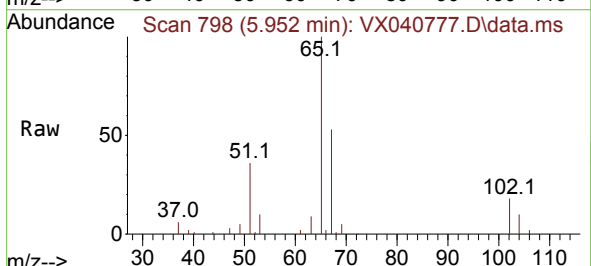
Instrument :
MSVOA_X
ClientSampleId :
240320082-02

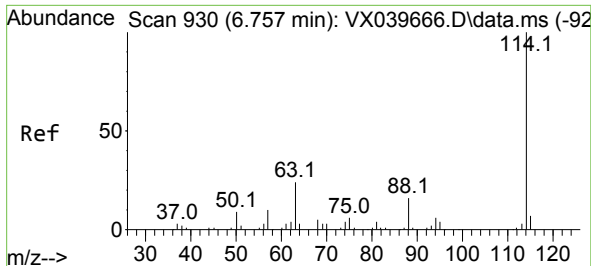
Tgt Ion: 83 Resp: 2253
Ion Ratio Lower Upper
83 100
85 76.3 54.6 81.8



#27
1,2-Dichloroethane-d4
Concen: 29.558 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

Tgt Ion: 65 Resp: 44007
Ion Ratio Lower Upper
65 100
67 51.0 42.5 63.7

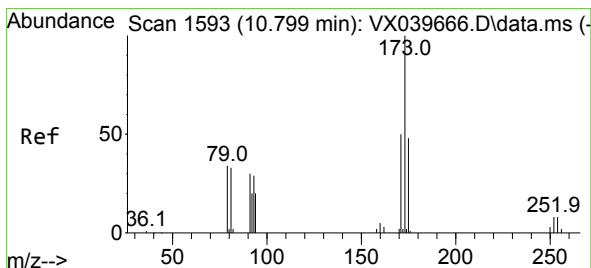
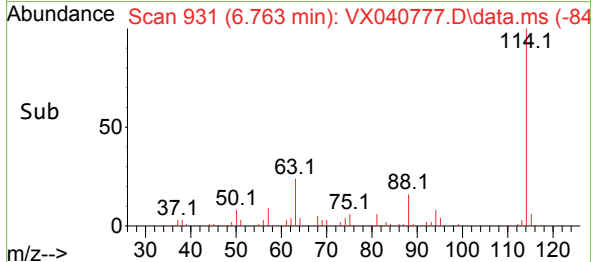
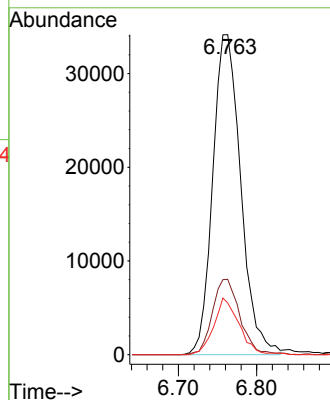
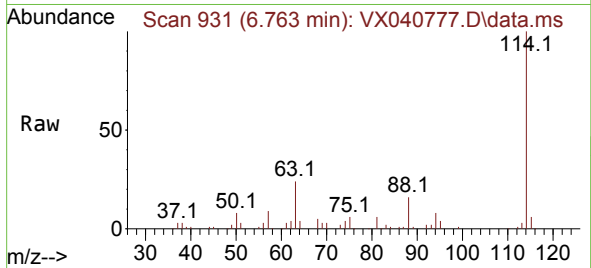




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

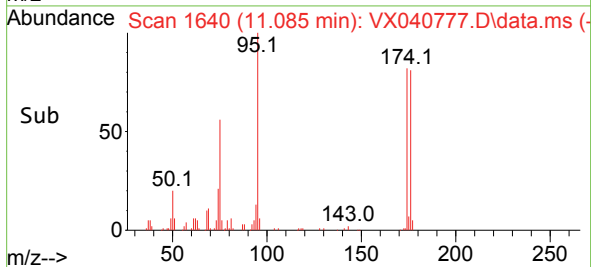
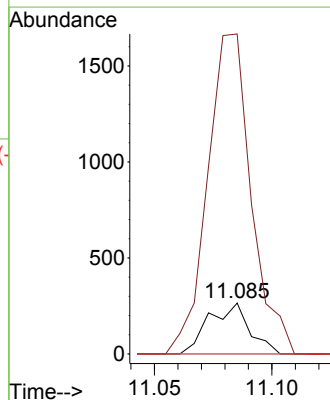
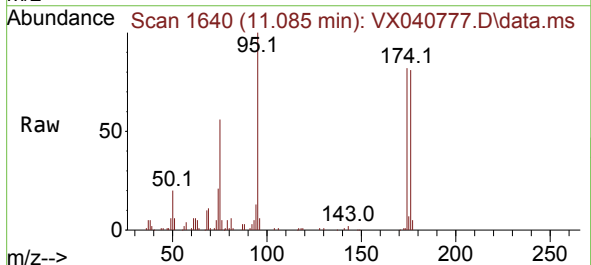
Instrument :
MSVOA_X
ClientSampleId :
240320082-02

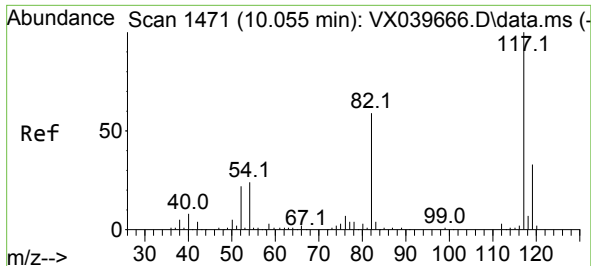
Tgt Ion:114 Resp: 84874
Ion Ratio Lower Upper
114 100
63 22.9 17.0 25.4
88 15.7 12.7 19.1



#56
Bromoform
Concen: 0.374 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

Tgt Ion:173 Resp: 319
Ion Ratio Lower Upper
173 100
175 677.7 37.6 56.4#
254 0.0 5.8 8.8#

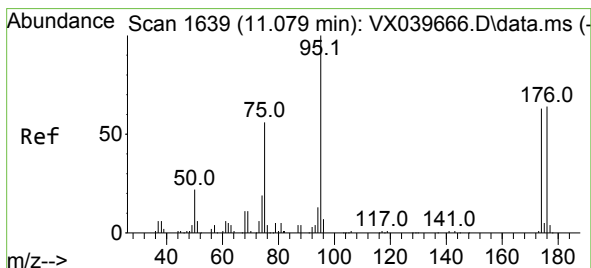
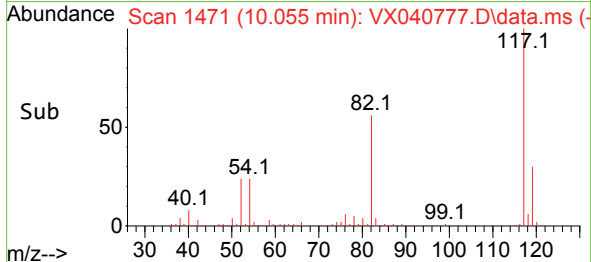
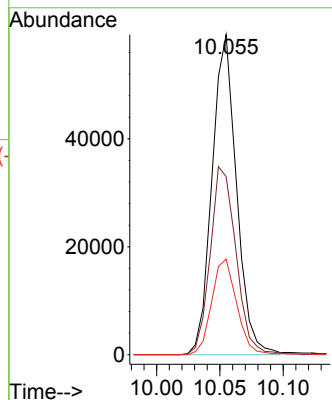
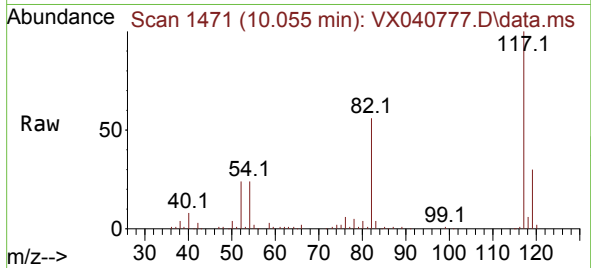




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

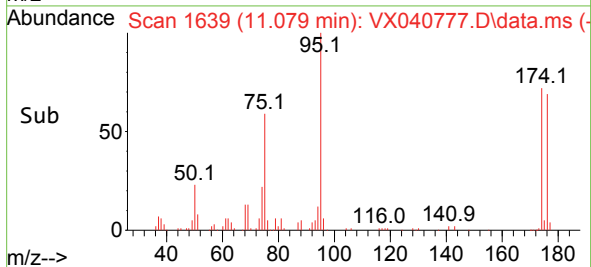
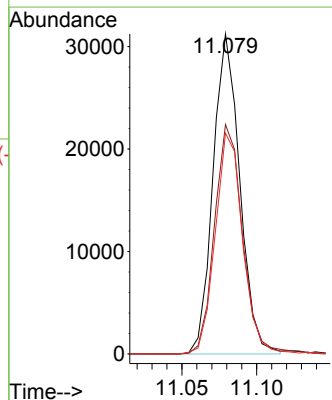
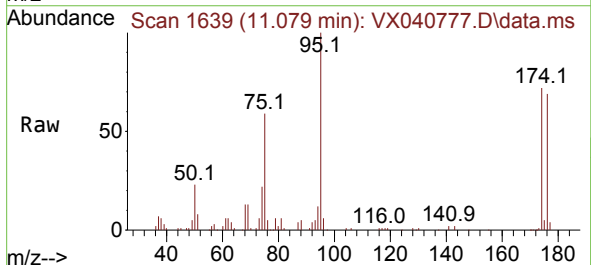
Instrument :
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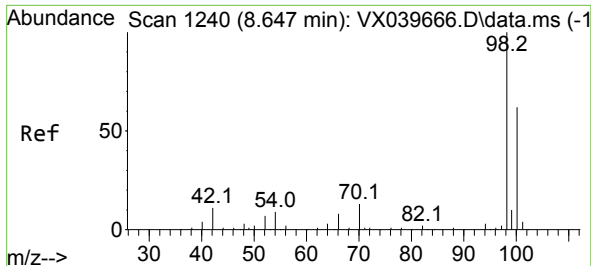
Tgt Ion:117 Resp: 79897
Ion Ratio Lower Upper
117 100
82 61.8 47.0 70.6
119 30.6 25.2 37.8



#60
4-Bromofluorobenzene
Concen: 28.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

Tgt Ion: 95 Resp: 38777
Ion Ratio Lower Upper
95 100
174 75.3 55.4 83.2
176 70.7 52.6 78.8

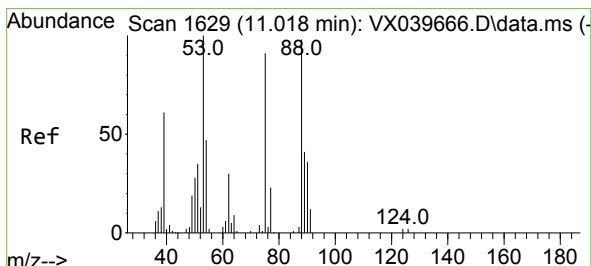
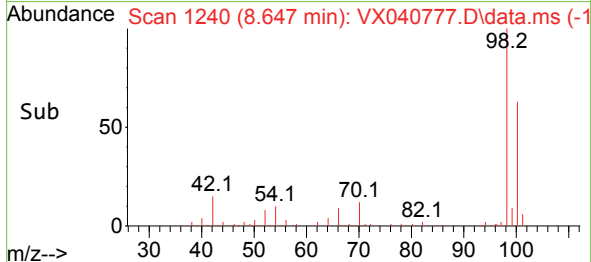
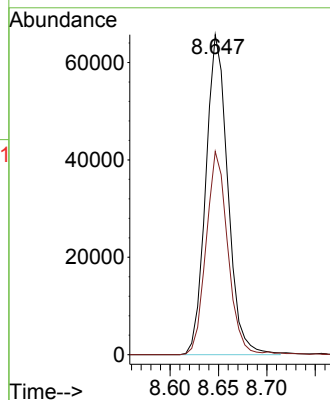
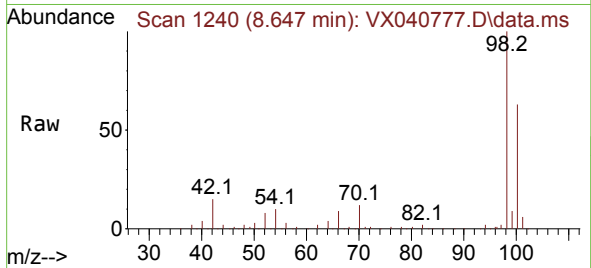




#63
Toluene-d8
Concen: 29.517 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

Instrument :
MSVOA_X
ClientSampleId :
240320082-02

Tgt Ion: 98 Resp: 104219
Ion Ratio Lower Upper
98 100
100 62.3 51.0 76.4



#77
t-1,4-Dichloro-2-butene
Concen: 48.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040777.D
Acq: 22 Mar 2024 13:58

Tgt Ion: 75 Resp: 23147
Ion Ratio Lower Upper
75 100
53 0.0 46.9 140.8#
89 0.0 21.3 63.7#

