

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040775.D
 Acq On : 22 Mar 2024 13:12
 Operator : JC/MD
 Sample : P1835-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240320079-07

Quant Time: Mar 23 05:04:25 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)

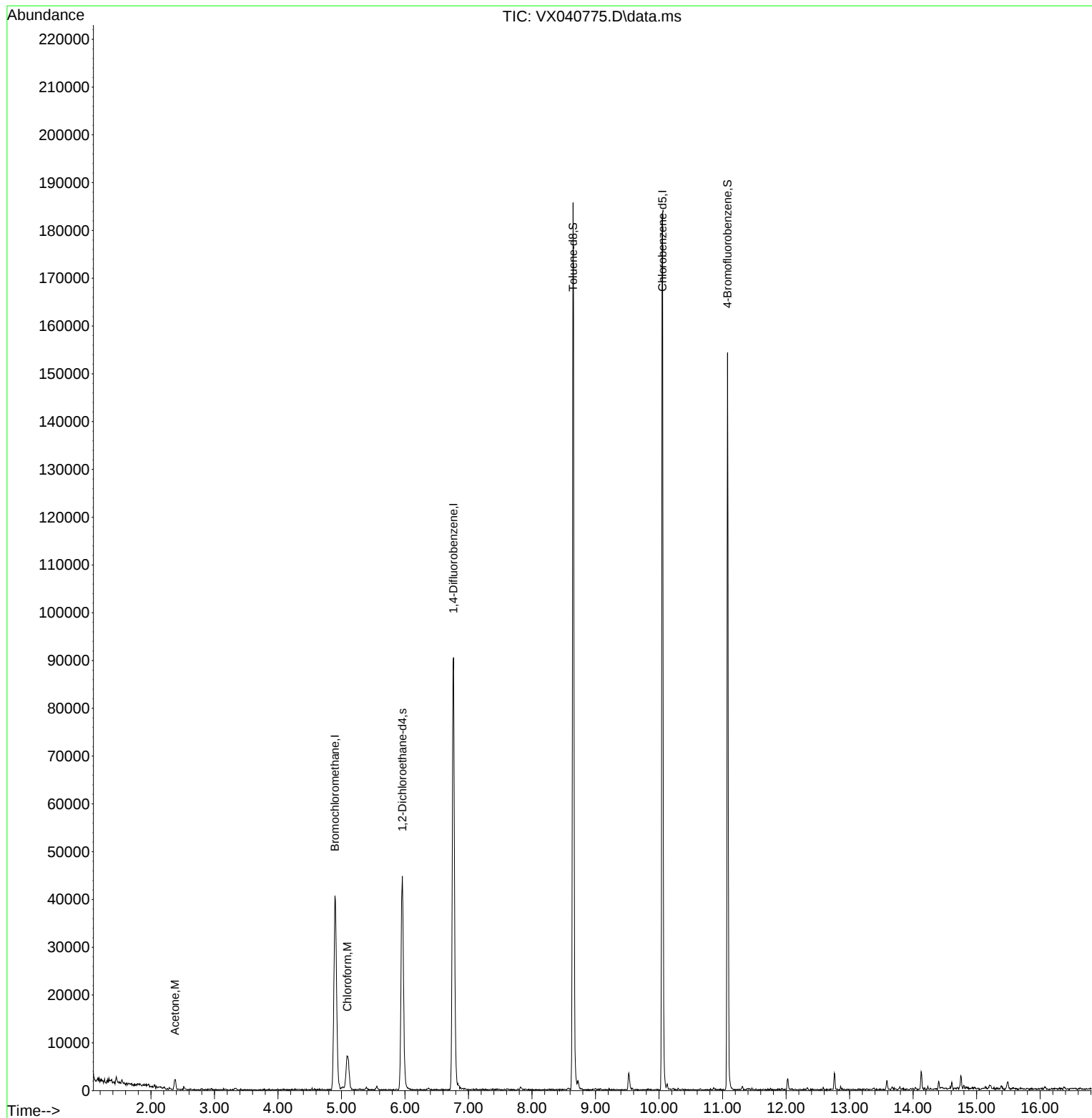
Internal Standards						
1) Bromochloromethane	4.898	128	15594	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	85821	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79287	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45927	29.489	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.300%
60) 4-Bromofluorobenzene	11.079	95	37765	27.768	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.567%
63) Toluene-d8	8.647	98	106545	30.407	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.367%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	713	4.135	ug/l	91
25) Chloroform	5.093	83	9374	4.337	ug/l	92

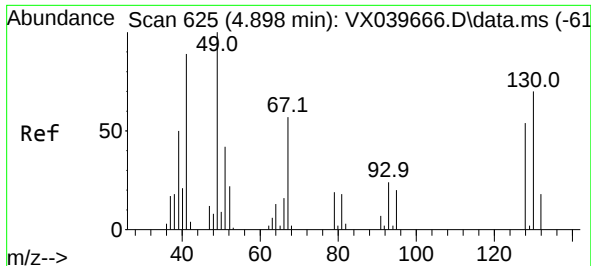
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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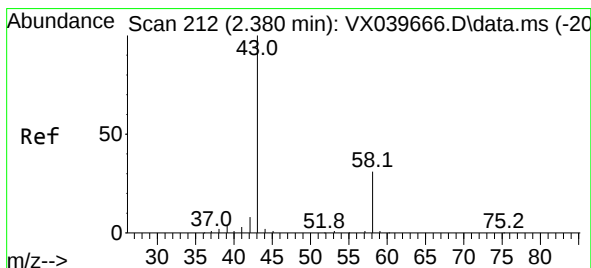
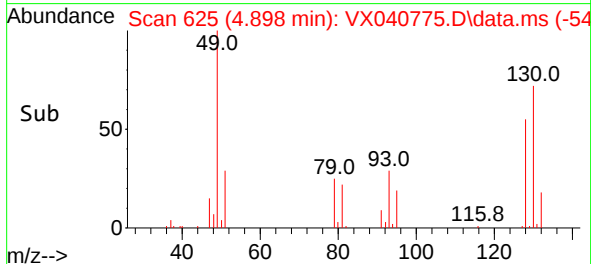
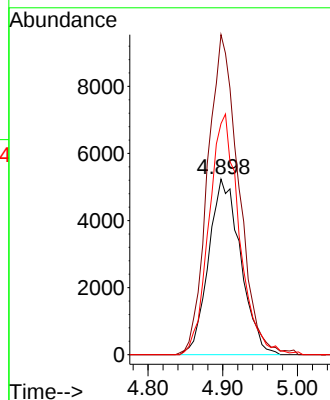
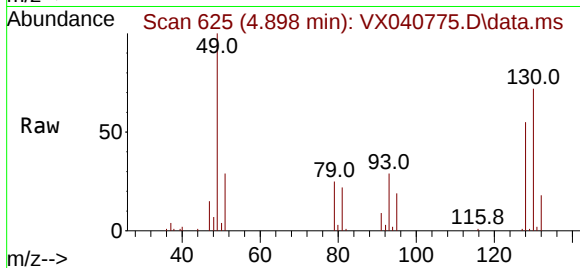




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040775.D
Acq: 22 Mar 2024 13:12

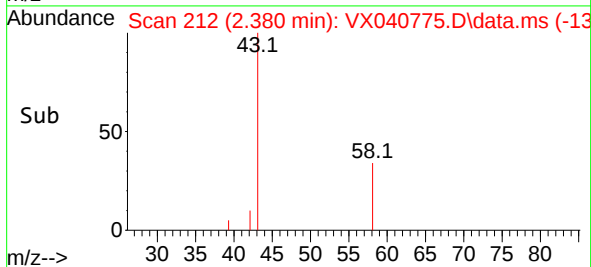
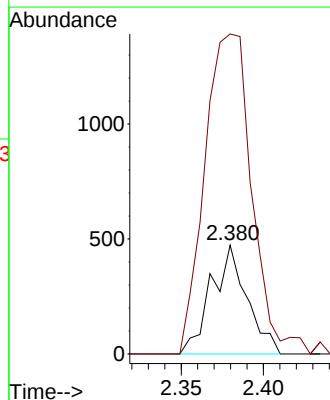
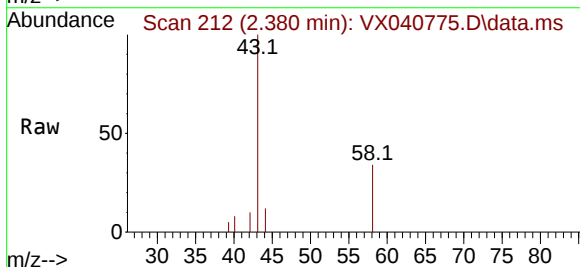
Instrument :
MSVOA_X
ClientSampleId :
240320079-07

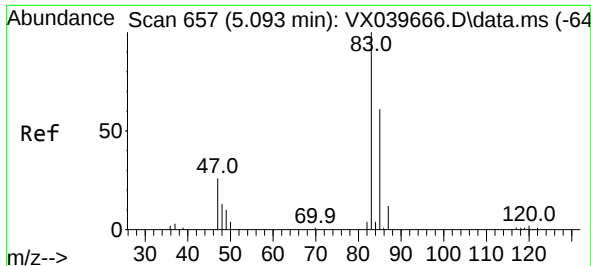
Tgt Ion:128 Resp: 15594
Ion Ratio Lower Upper
128 100
49 176.7 0.0 444.0
130 128.6 0.0 297.8



#15
Acetone
Concen: 4.135 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040775.D
Acq: 22 Mar 2024 13:12

Tgt Ion: 58 Resp: 713
Ion Ratio Lower Upper
58 100
43 294.3 249.9 374.9





#25

Chloroform

Concen: 4.337 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX040775.D

Acq: 22 Mar 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

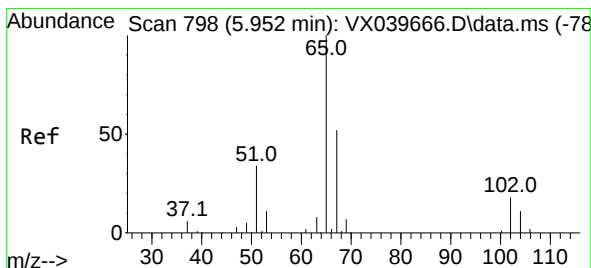
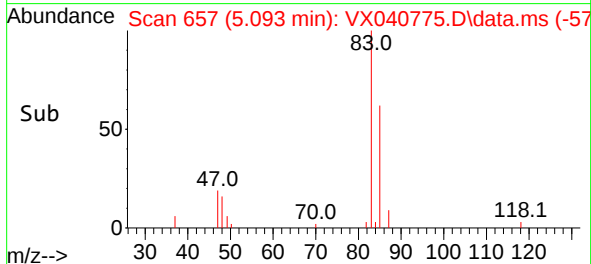
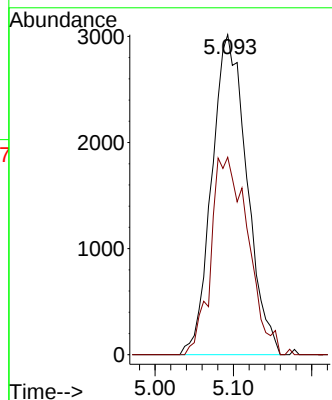
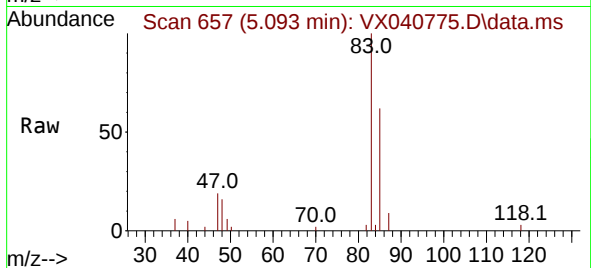
240320079-07

Tgt Ion: 83 Resp: 9374

Ion Ratio Lower Upper

83 100

85 61.7 54.6 81.8



#27

1,2-Dichloroethane-d4

Concen: 29.489 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX040775.D

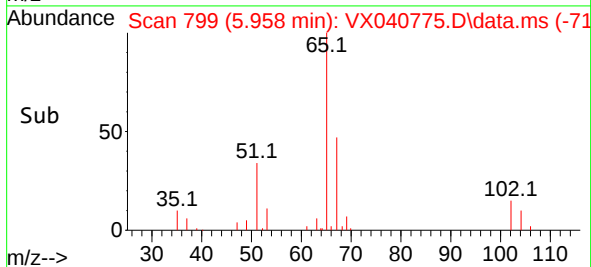
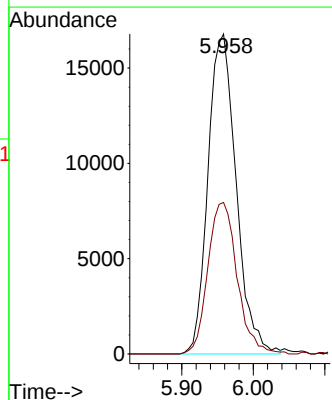
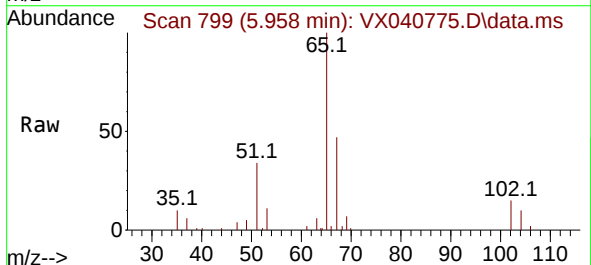
Acq: 22 Mar 2024 13:12

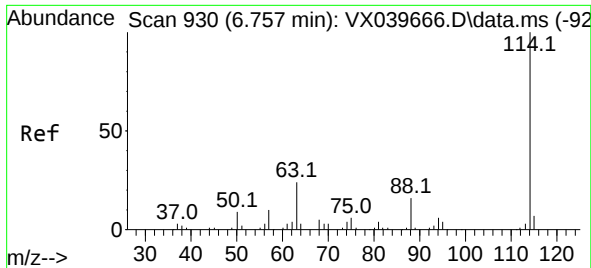
Tgt Ion: 65 Resp: 45927

Ion Ratio Lower Upper

65 100

67 49.2 42.5 63.7

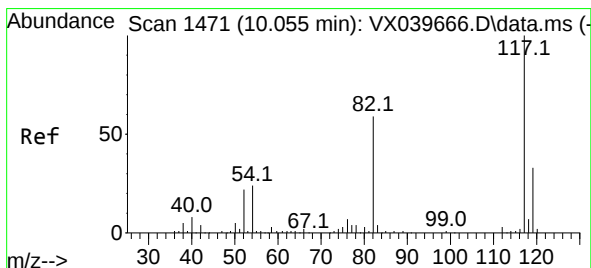
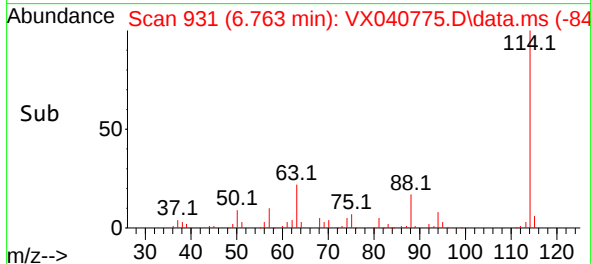
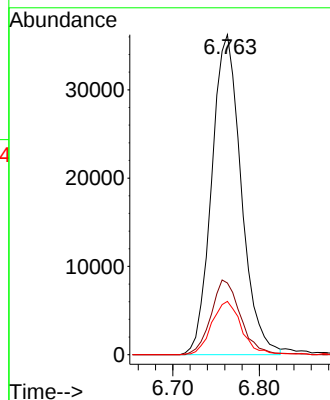
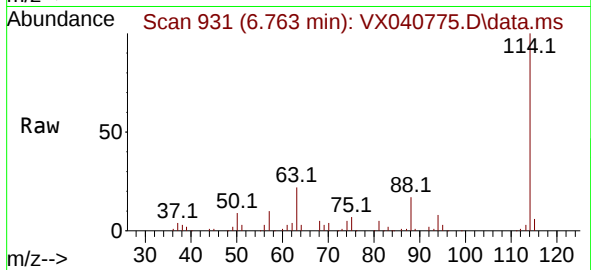




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040775.D
Acq: 22 Mar 2024 13:12

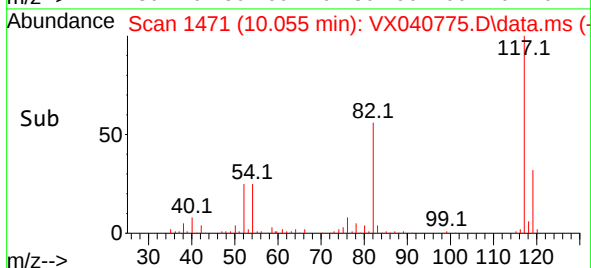
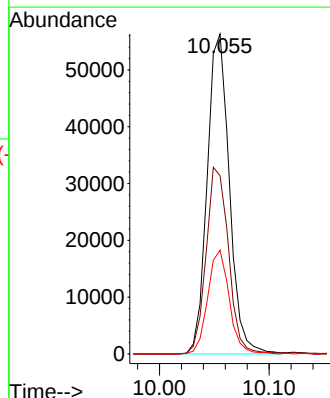
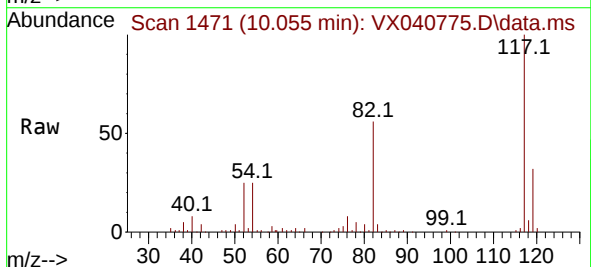
Instrument :
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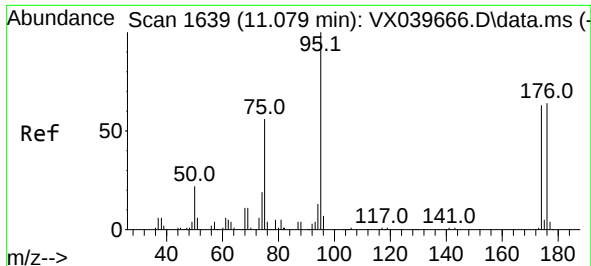
Tgt Ion:114 Resp: 85821
Ion Ratio Lower Upper
114 100
63 23.4 17.0 25.4
88 16.9 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040775.D
Acq: 22 Mar 2024 13:12

Tgt Ion:117 Resp: 79287
Ion Ratio Lower Upper
117 100
82 58.7 47.0 70.6
119 31.5 25.2 37.8

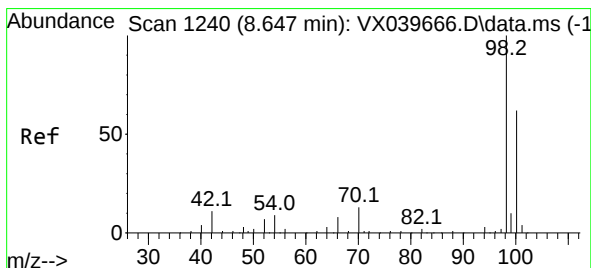
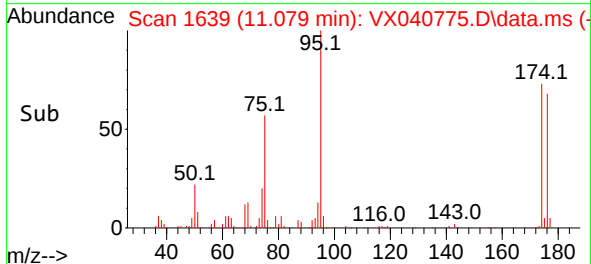
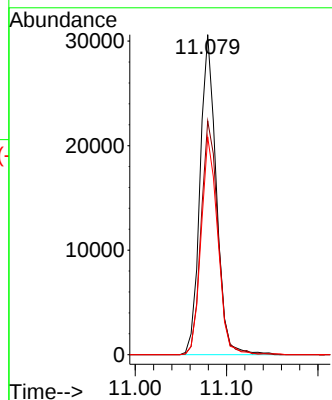
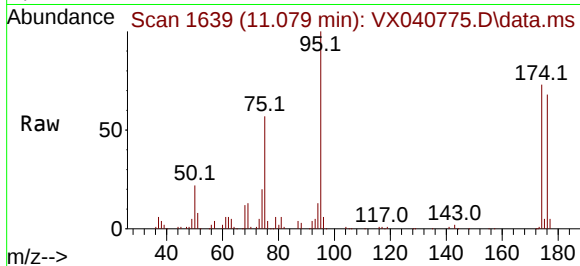




#60
4-Bromofluorobenzene
Concen: 27.768 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040775.D
Acq: 22 Mar 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :
240320079-07

Tgt Ion: 95 Resp: 37765
Ion Ratio Lower Upper
95 100
174 75.6 55.4 83.2
176 69.6 52.6 78.8



#63
Toluene-d8
Concen: 30.407 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040775.D
Acq: 22 Mar 2024 13:12

Tgt Ion: 98 Resp: 106545
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.4

