

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041961.D
 Acq On : 20 Jun 2024 13:25
 Operator : JC/MD
 Sample : P2932-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240614020-01

Quant Time: Jun 21 03:16:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

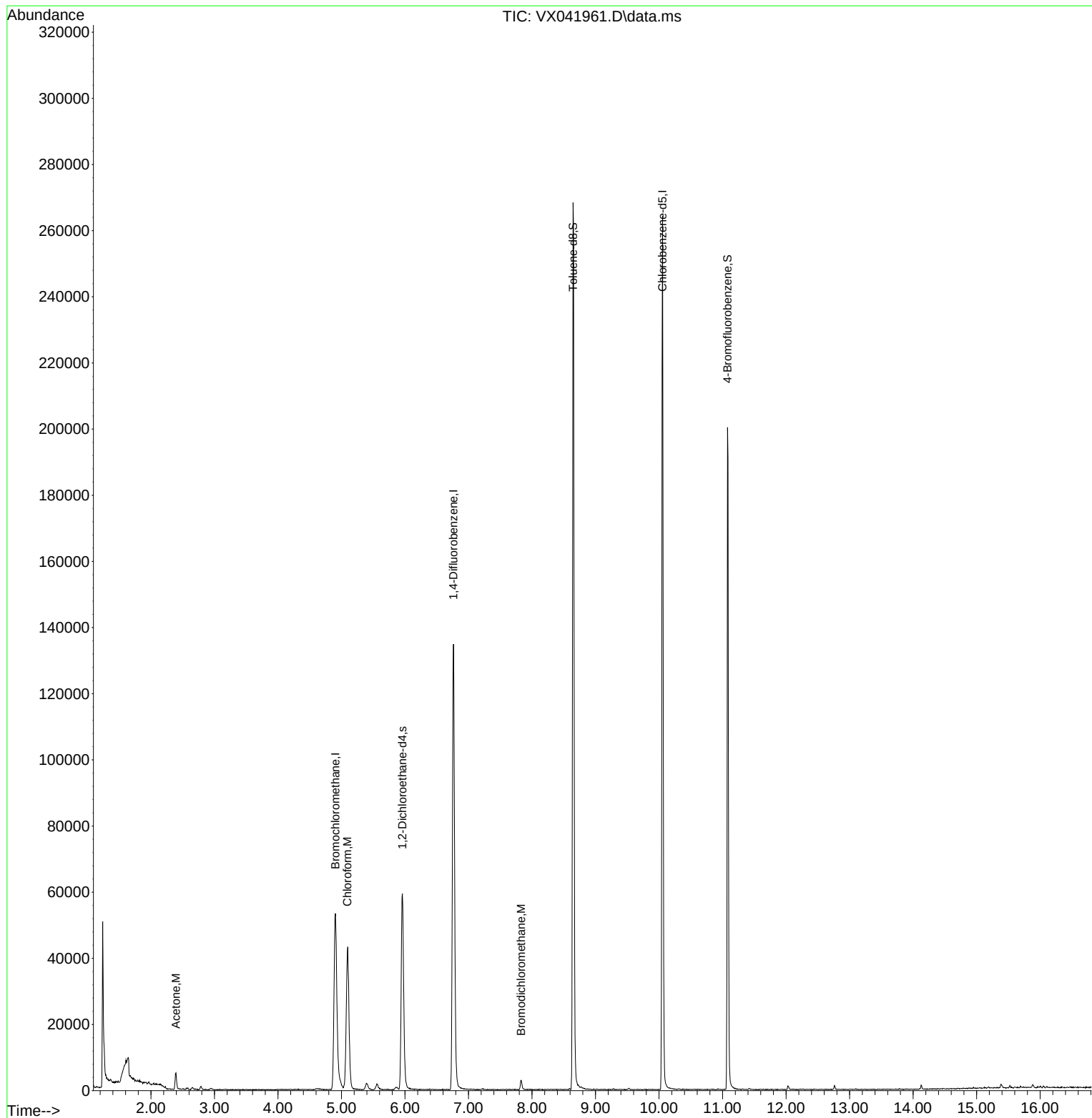
Internal Standards						
1) Bromochloromethane	4.904	128	28300	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	148373	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	132542	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	57670	29.603	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.667%
60) 4-Bromofluorobenzene	11.079	95	53368	26.012	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.700%
63) Toluene-d8	8.647	98	170575	30.080	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.267%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	1798	6.005	ug/l	99
25) Chloroform	5.093	83	53029	16.919	ug/l	97
41) Bromodichloromethane	7.830	83	2140	1.051	ug/l #	96

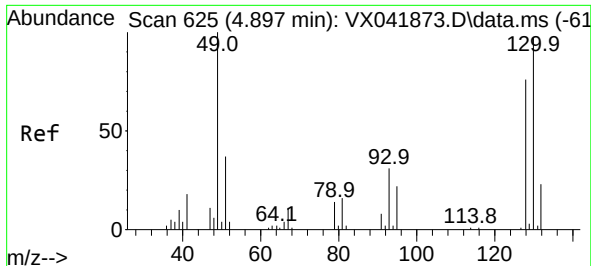
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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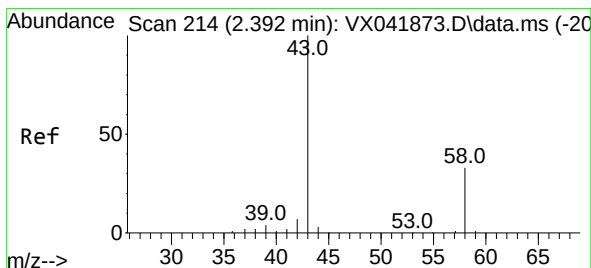
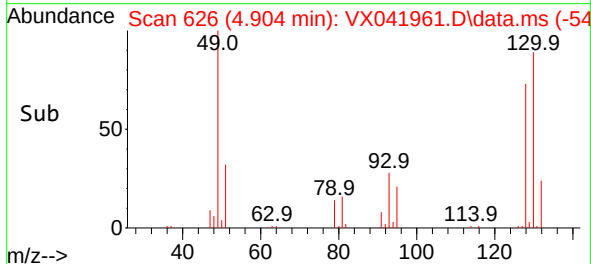
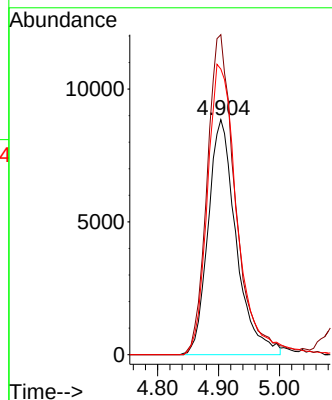
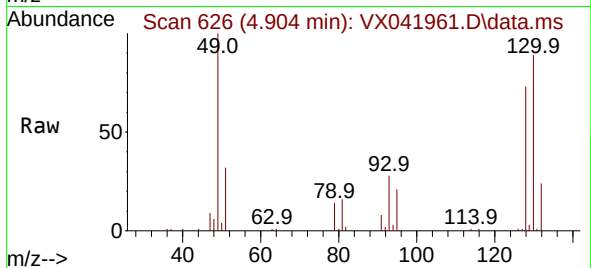




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041961.D
Acq: 20 Jun 2024 13:25

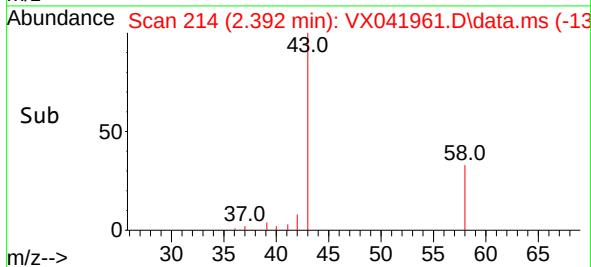
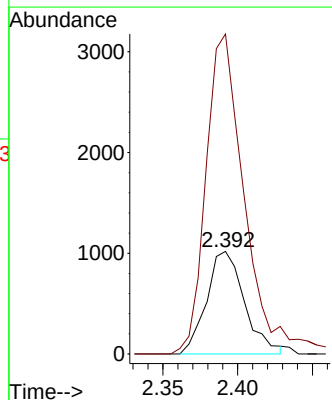
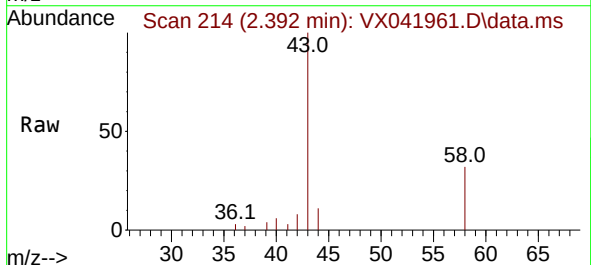
Instrument :
MSVOA_X
ClientSampleId :
240614020-01

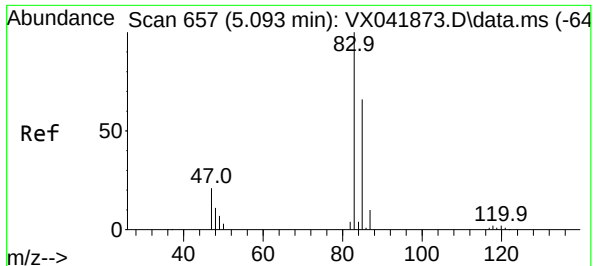
Tgt Ion:128 Resp: 28300
Ion Ratio Lower Upper
128 100
49 137.8 0.0 338.5
130 131.6 0.0 324.5



#15
Acetone
Concen: 6.005 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041961.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 58 Resp: 1798
Ion Ratio Lower Upper
58 100
43 306.7 243.4 365.2





#25

Chloroform

Concen: 16.919 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX041961.D

Acq: 20 Jun 2024 13:25

Instrument :

MSVOA_X

ClientSampleId :

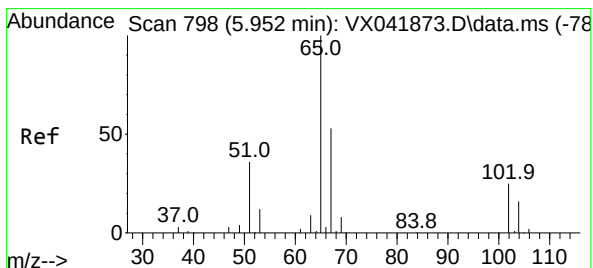
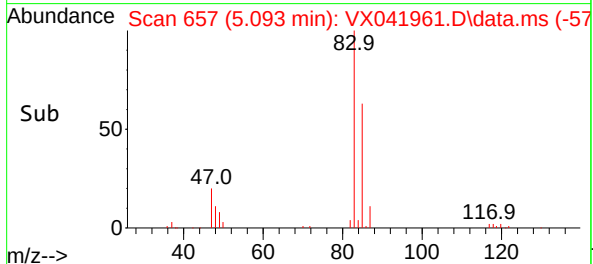
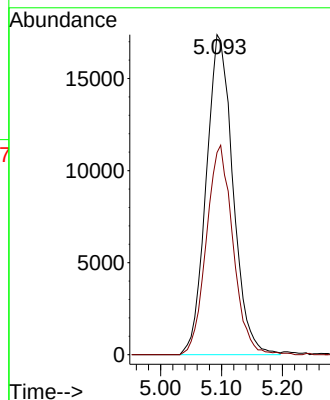
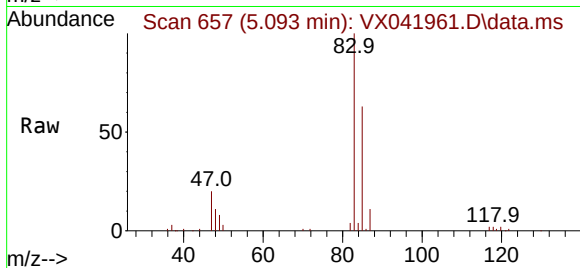
240614020-01

Tgt Ion: 83 Resp: 53029

Ion Ratio Lower Upper

83 100

85 63.1 52.7 79.1



#27

1,2-Dichloroethane-d4

Concen: 29.603 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX041961.D

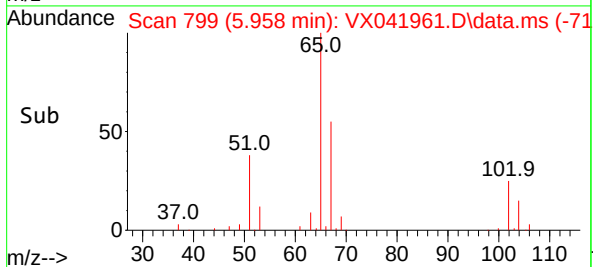
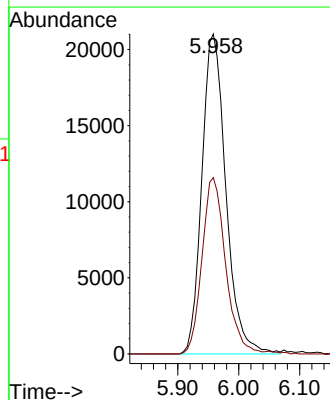
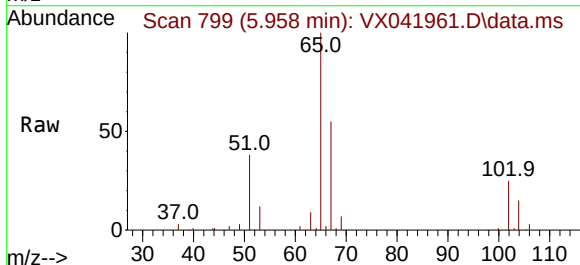
Acq: 20 Jun 2024 13:25

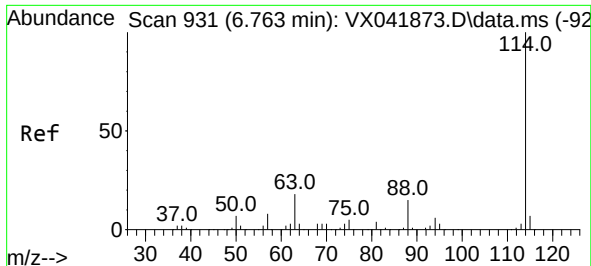
Tgt Ion: 65 Resp: 57670

Ion Ratio Lower Upper

65 100

67 54.0 43.4 65.0

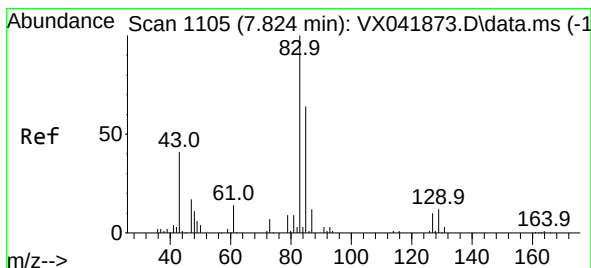
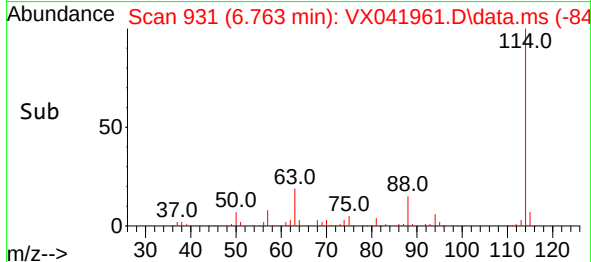
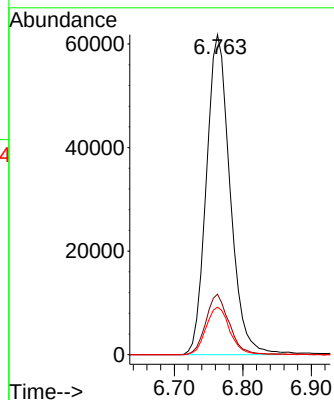
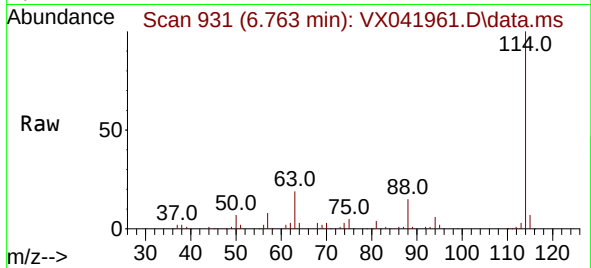




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041961.D
Acq: 20 Jun 2024 13:25

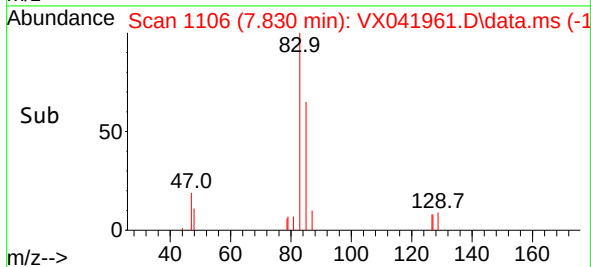
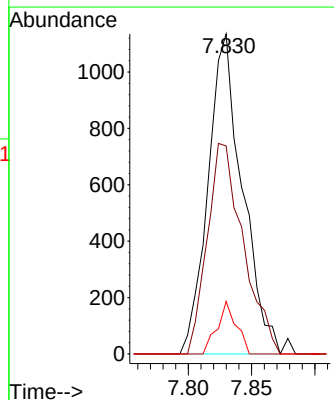
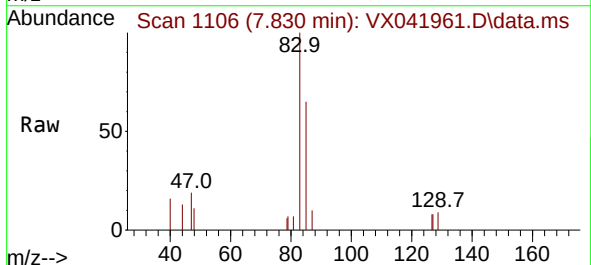
Instrument :
MSVOA_X
ClientSampleId :
240614020-01

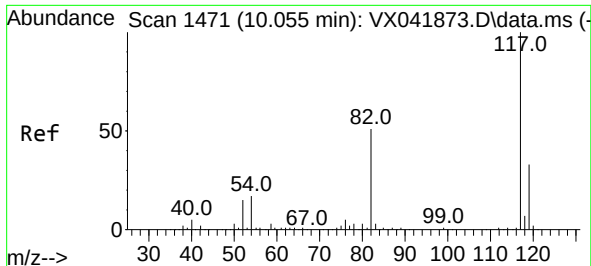
Tgt Ion:114 Resp: 148373
Ion Ratio Lower Upper
114 100
63 18.5 14.6 21.8
88 15.0 11.8 17.8



#41
Bromodichloromethane
Concen: 1.051 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX041961.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 83 Resp: 2140
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7
127 16.4 8.1 12.1#

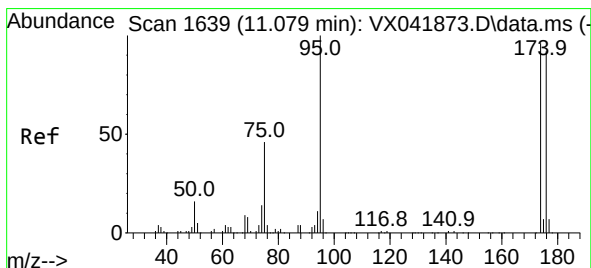
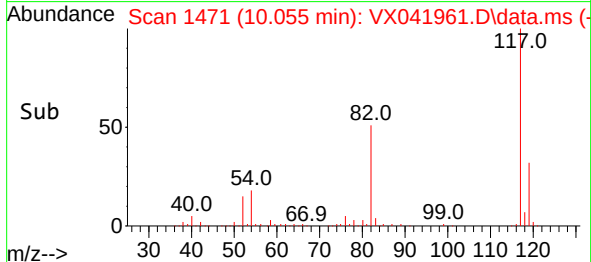
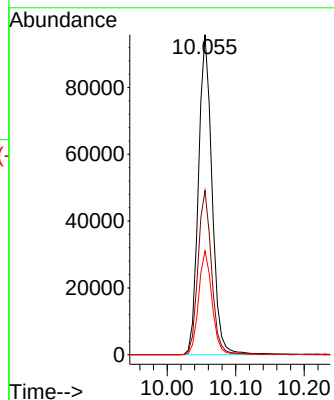
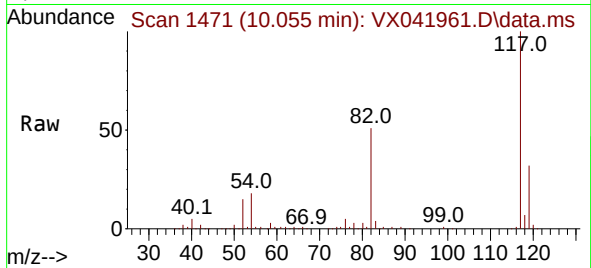




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041961.D
Acq: 20 Jun 2024 13:25

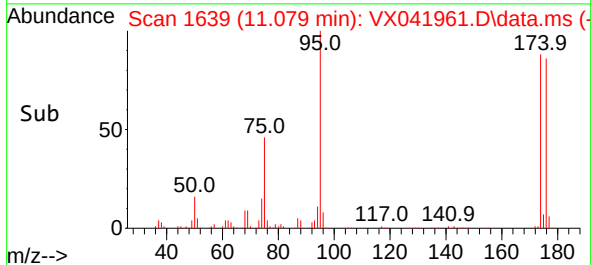
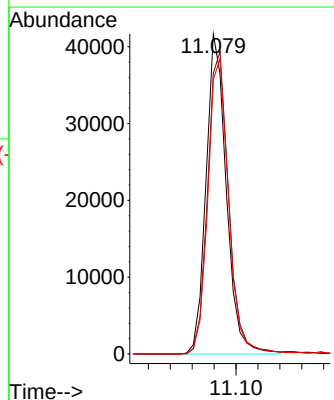
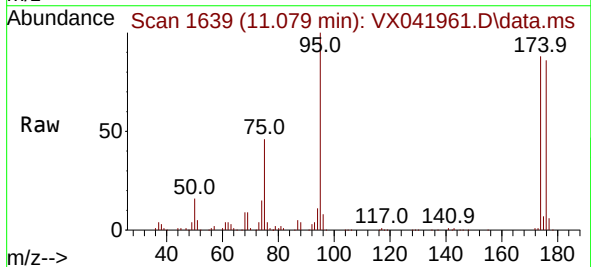
Instrument :
MSVOA_X
ClientSampleId :
240614020-01

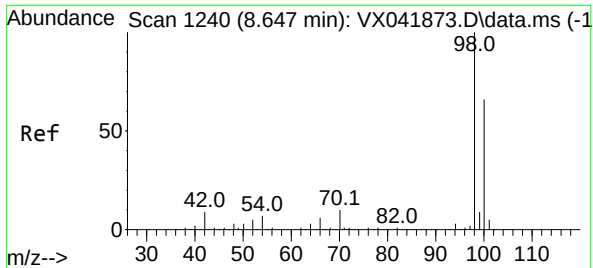
Tgt Ion:117 Resp: 132542
Ion Ratio Lower Upper
117 100
82 51.0 41.1 61.7
119 31.9 26.1 39.1



#60
4-Bromofluorobenzene
Concen: 26.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041961.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 95 Resp: 53368
Ion Ratio Lower Upper
95 100
174 98.3 78.9 118.3
176 94.9 77.1 115.7





#63
 Toluene-d8
 Concen: 30.080 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041961.D
 Acq: 20 Jun 2024 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 240614020-01

Tgt Ion: 98 Resp: 170575
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.7 79.1

