

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042014.D
 Acq On : 24 Jun 2024 19:00
 Operator : JC/MD
 Sample : P3025-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 06:46:45 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)

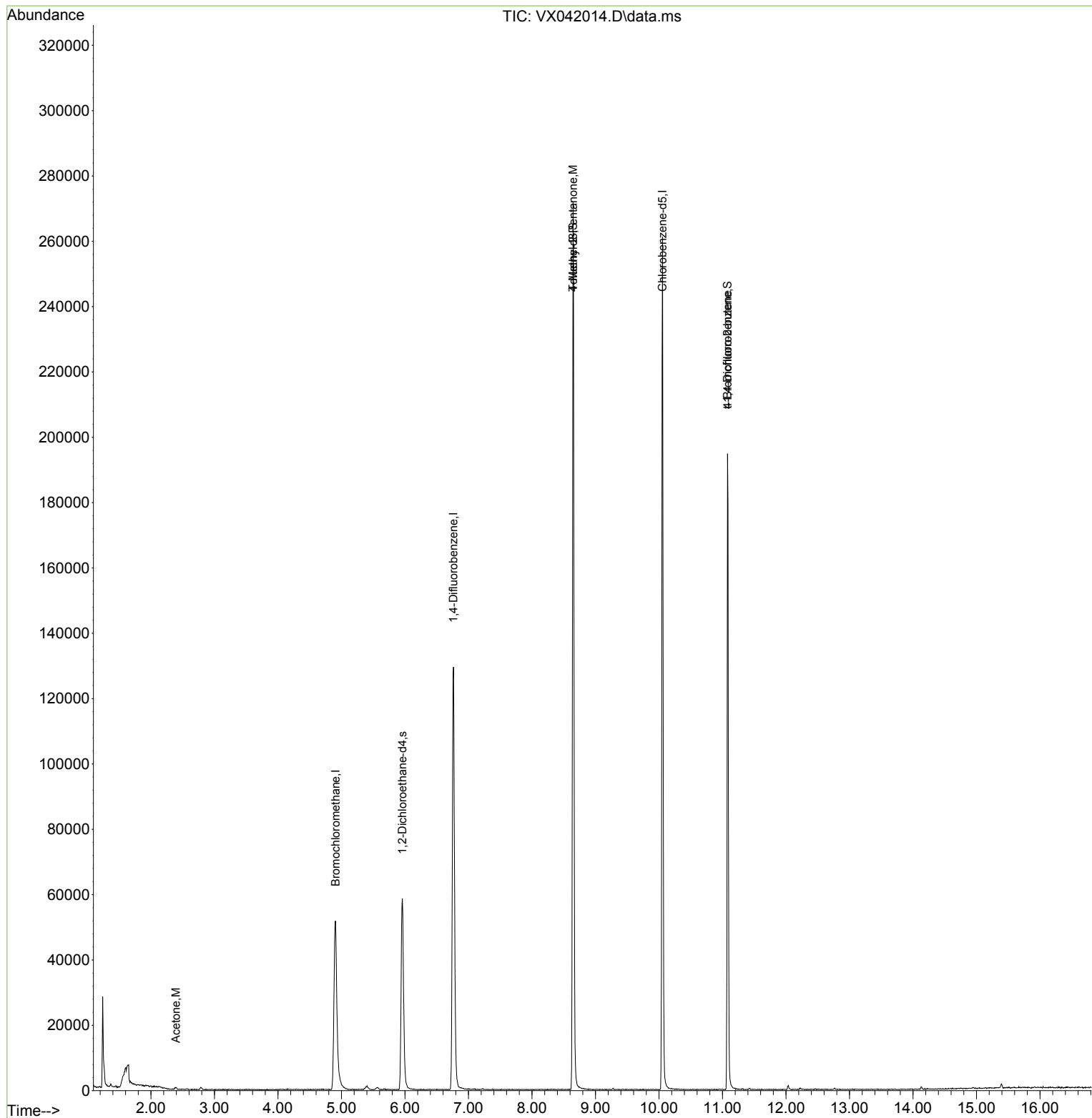
Internal Standards						
1) Bromochloromethane	4.910	128	27346	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	143618	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	129435	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56404	29.963	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.867%
60) 4-Bromofluorobenzene	11.079	95	52862	26.384	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.933%
63) Toluene-d8	8.647	98	166665	30.096	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.333%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	206	0.712	ug/l	75
58) 4-Methyl-2-Pentanone	8.647	43	612	0.264	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	23993	32.044	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
Data File : VX042014.D
Acq On : 24 Jun 2024 19:00
Operator : JC/MD
Sample : P3025-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

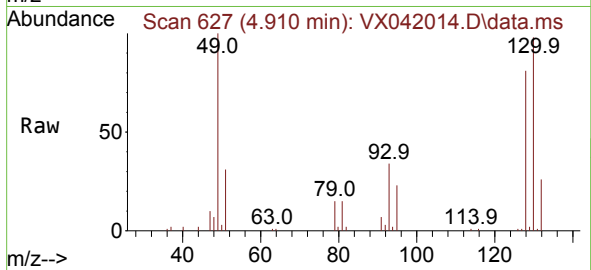
Quant Time: Jun 25 06:46:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration



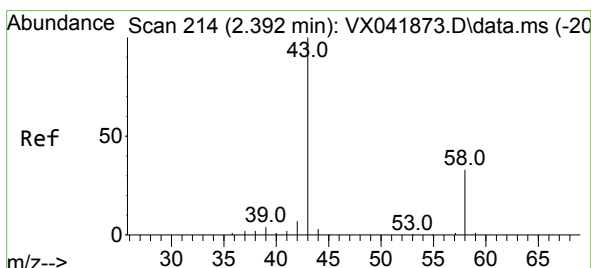
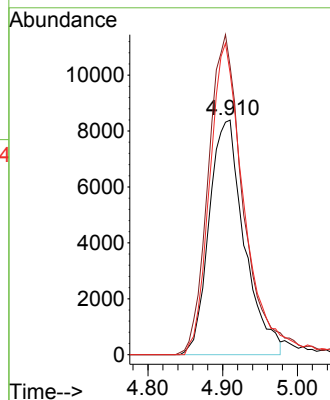
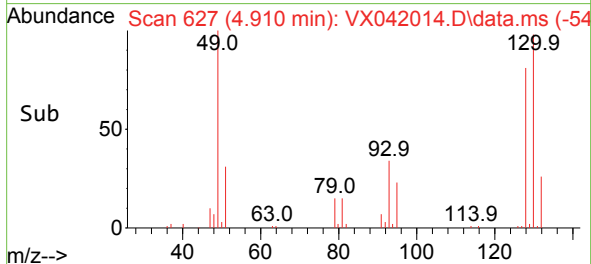


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

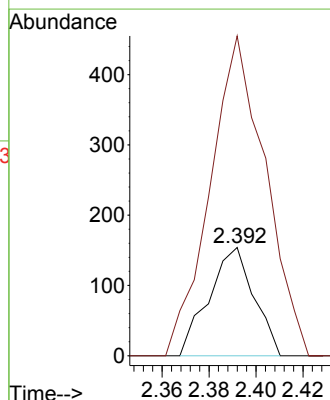
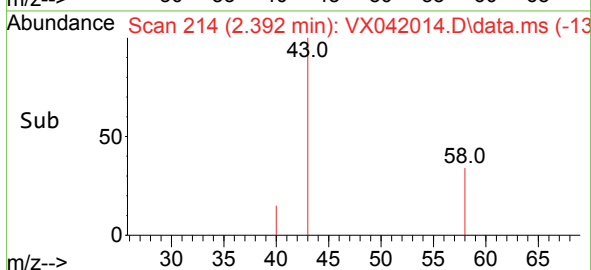
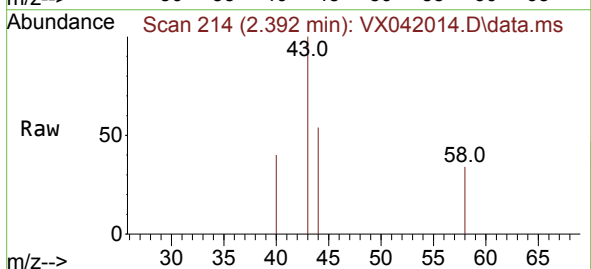


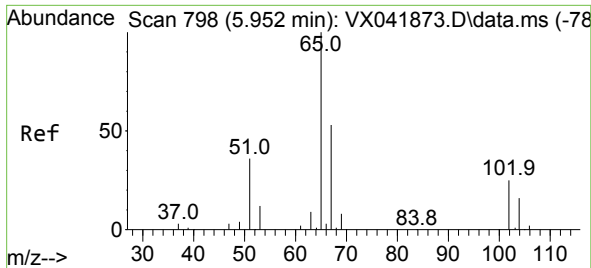
Tgt Ion:128 Resp: 27346
Ion Ratio Lower Upper
128 100
49 137.2 0.0 338.5
130 130.3 0.0 324.5



#15
Acetone
Concen: 0.712 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

Tgt Ion: 58 Resp: 206
Ion Ratio Lower Upper
58 100
43 253.9 243.4 365.2

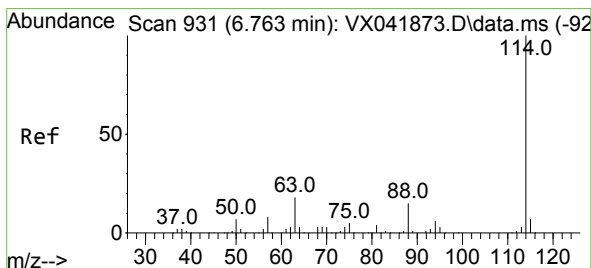
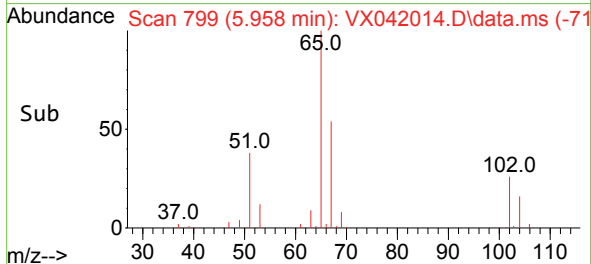
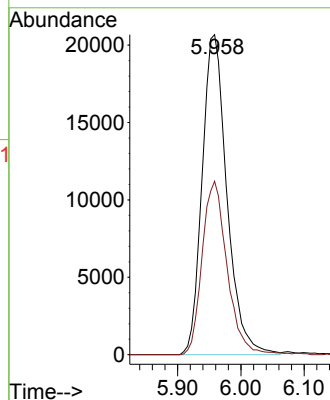
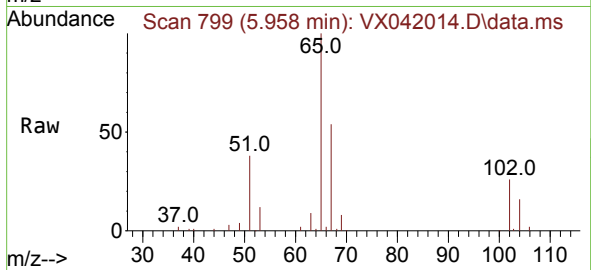




#27
1,2-Dichloroethane-d4
Concen: 29.963 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

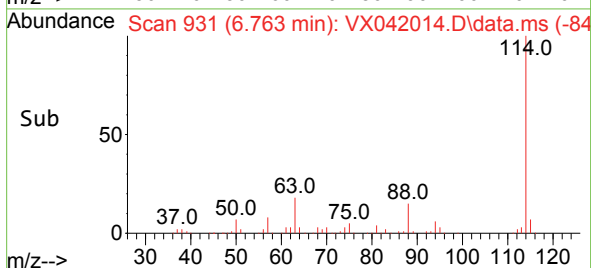
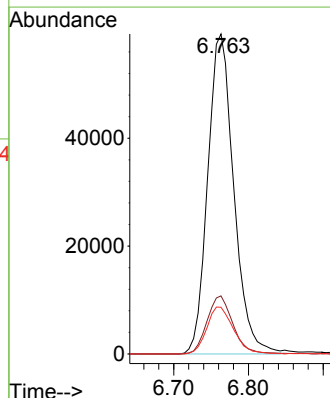
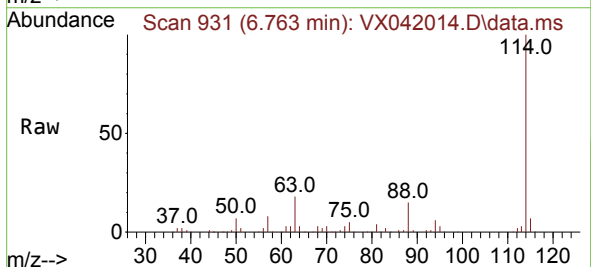
Instrument :
MSVOA_X
ClientSampleId :

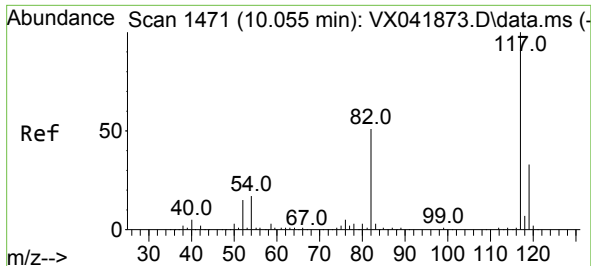
Tgt Ion: 65 Resp: 56404
Ion Ratio Lower Upper
65 100
67 54.5 43.4 65.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

Tgt Ion: 114 Resp: 143618
Ion Ratio Lower Upper
114 100
63 18.1 14.6 21.8
88 15.1 11.8 17.8

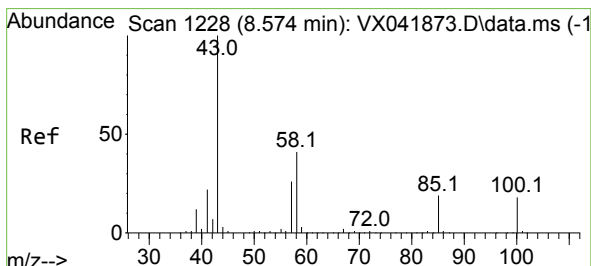
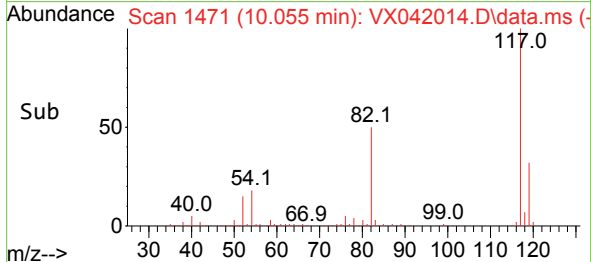
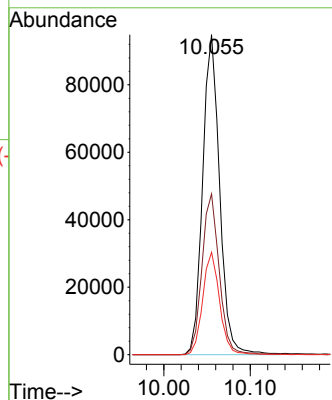
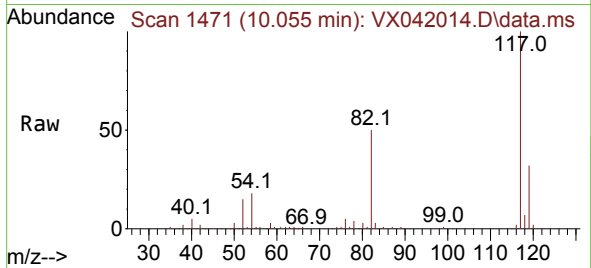




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

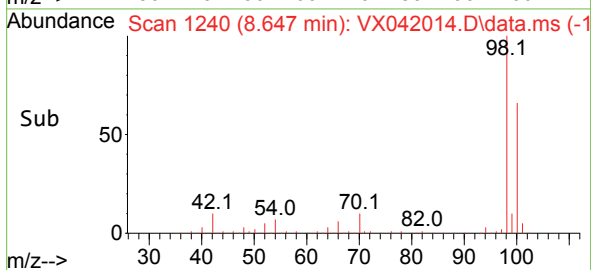
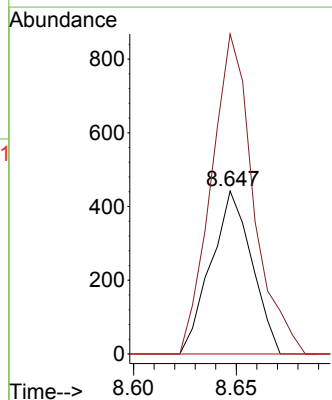
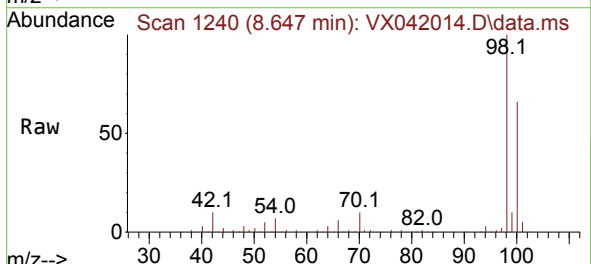
Instrument :
MSVOA_X
ClientSampleId :

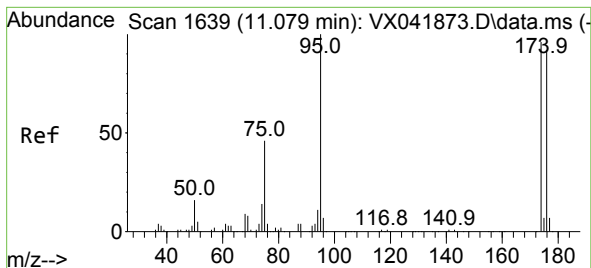
Tgt Ion:117 Resp: 129435
Ion Ratio Lower Upper
117 100
82 51.0 41.1 61.7
119 31.8 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 0.264 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

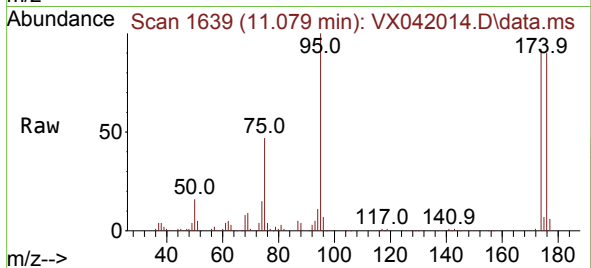
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 202.6 33.2 49.8#
85 0.0 15.5 23.3#



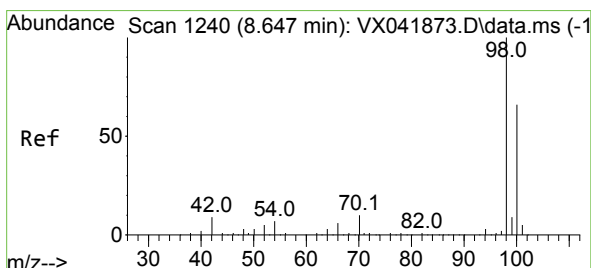
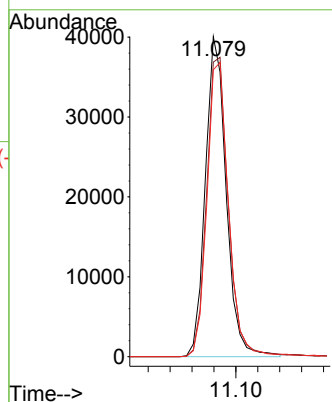
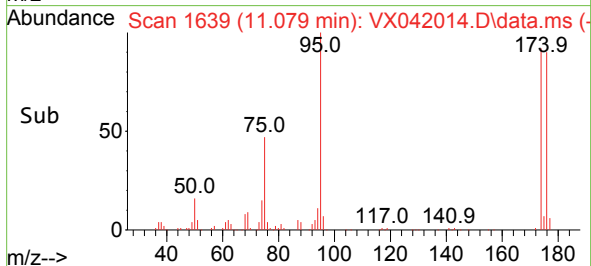


#60
4-Bromofluorobenzene
Concen: 26.384 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

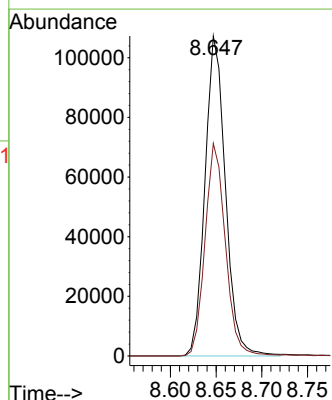
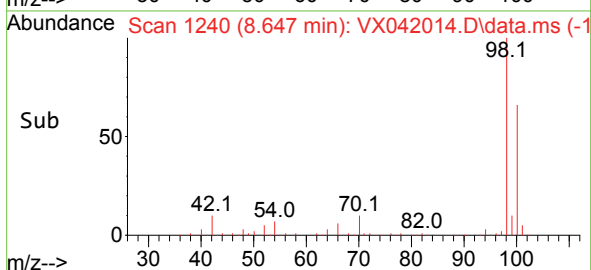
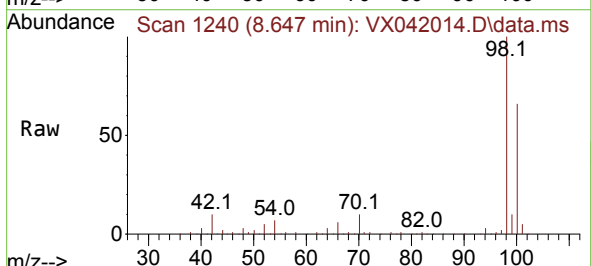


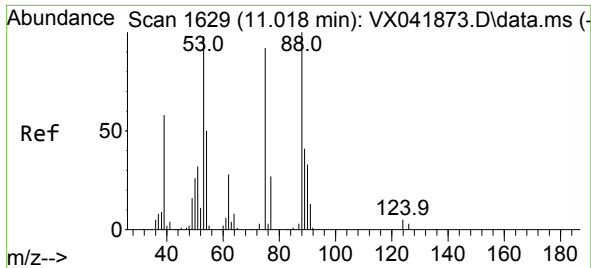
Tgt Ion: 95 Resp: 52862
Ion Ratio Lower Upper
95 100
174 97.3 78.9 118.3
176 94.6 77.1 115.7



#63
Toluene-d8
Concen: 30.096 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042014.D
Acq: 24 Jun 2024 19:00

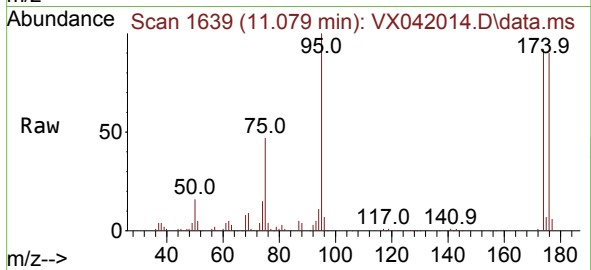
Tgt Ion: 98 Resp: 166665
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1





#77
 t-1,4-Dichloro-2-butene
 Concen: 32.044 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042014.D
 Acq: 24 Jun 2024 19:00

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 23993
 Ion Ratio Lower Upper
 75 100
 53 0.0 53.4 160.2#
 89 0.0 22.5 67.5#

