

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 :
 240620099-01

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)

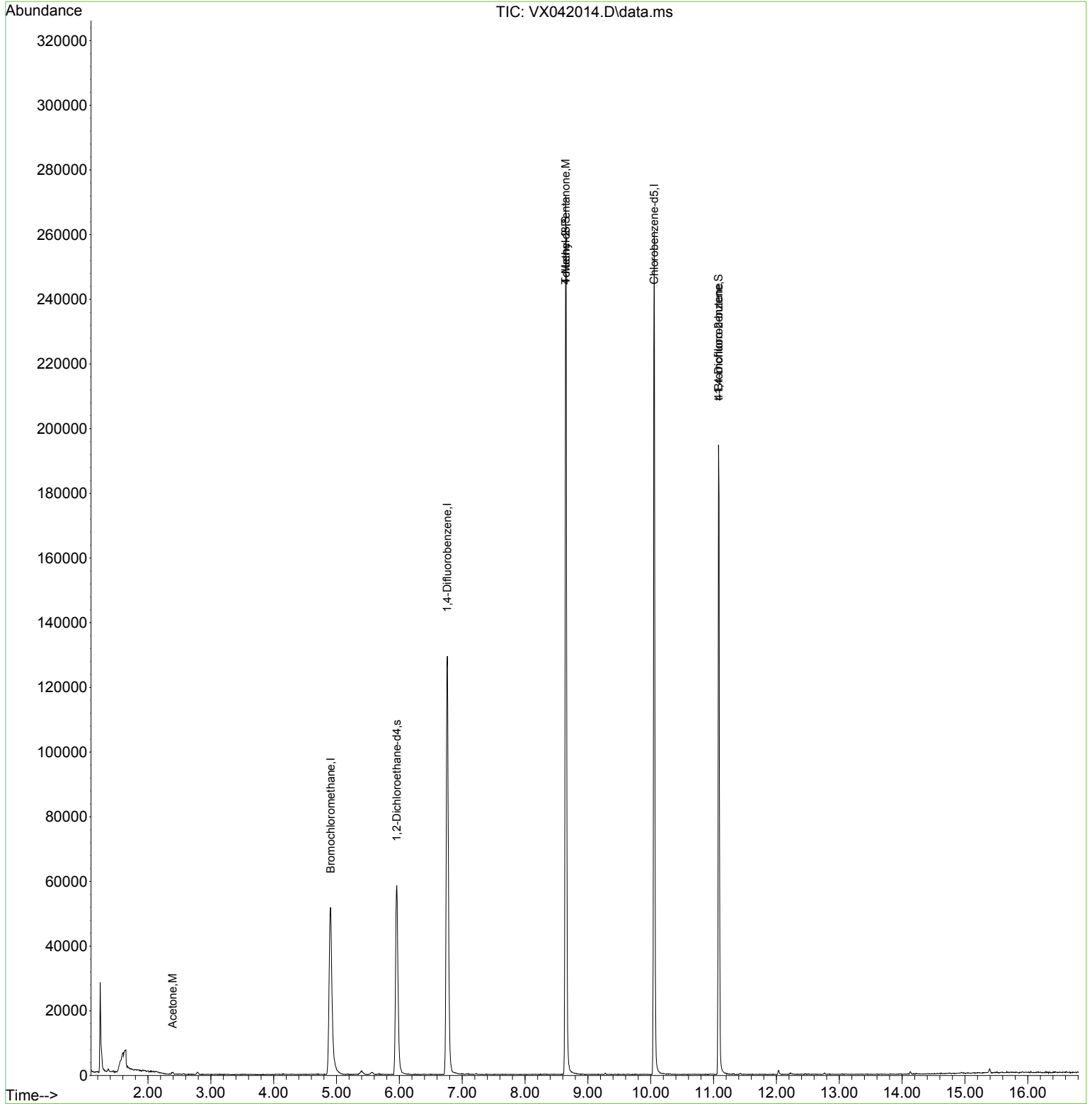
Internal Standards						
1) Bromochloromethane	4.910	128	27346	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	143618	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	129435	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56404	29.963	ug/l	0.00
Spiked Amount	30.000	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

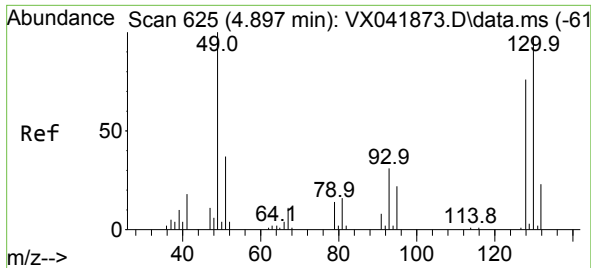
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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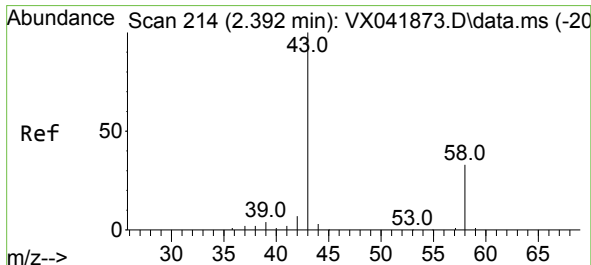
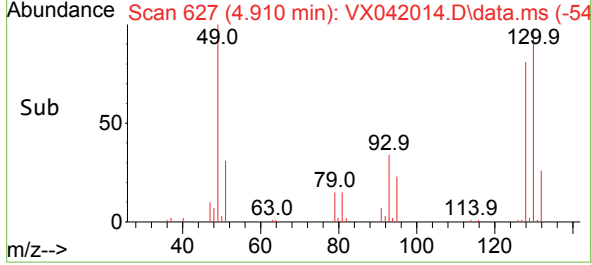
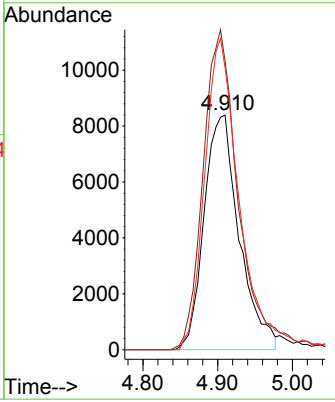
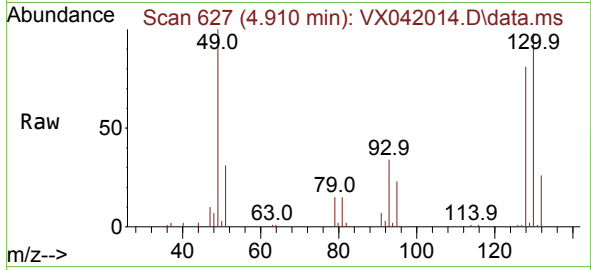




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.910 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VX042014.D
 Acq: 24 Jun 2024 19:00

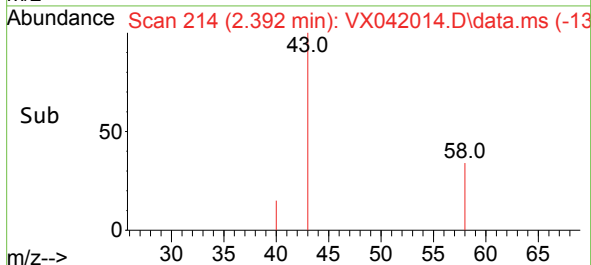
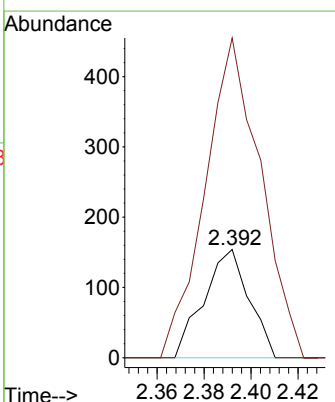
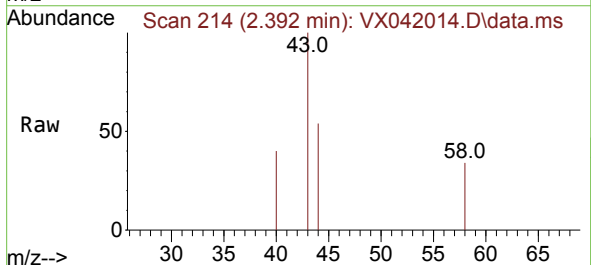
Instrument : MSVOA_X
 ClientSampleId : 240620099-01

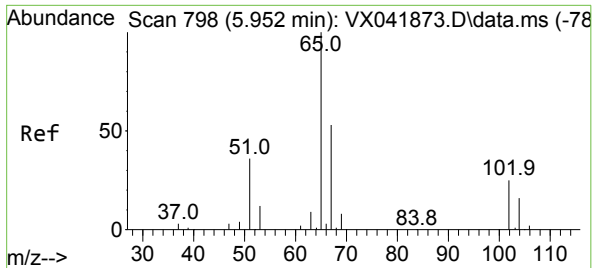
Tgt Ion	Resp	Lower	Upper
128	100		
49	137.2	0.0	338.5
130	130.3	0.0	324.5



#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	Resp	Lower	Upper
58	100		
43	253.9	243.4	365.2

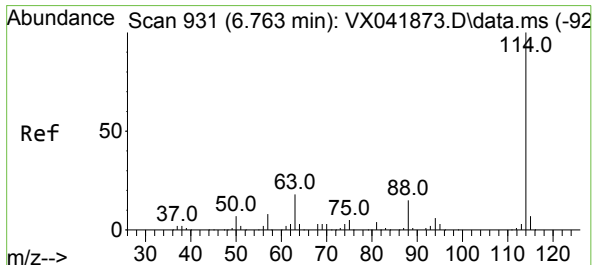
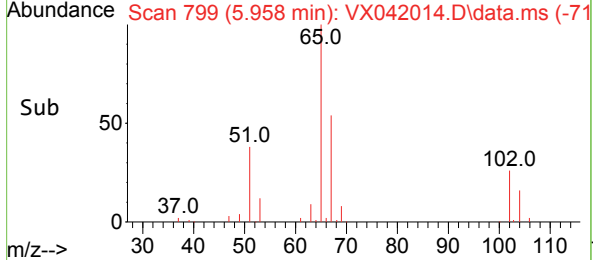
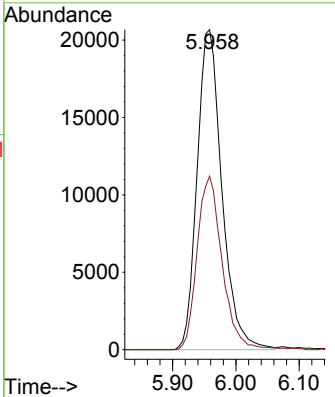
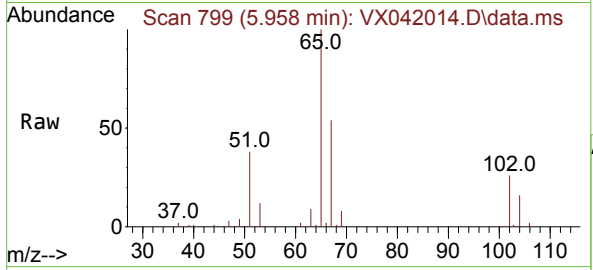




#27
 1,2-Dichloroethane-d4
 Concen: 29.963 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX042014.D
 Acq: 24 Jun 2024 19:00

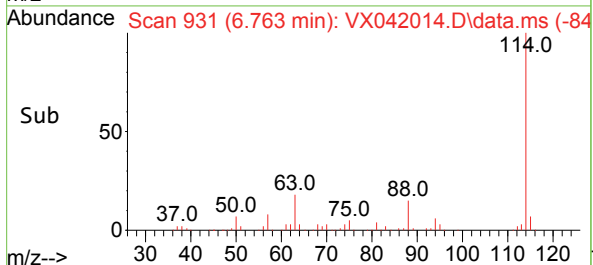
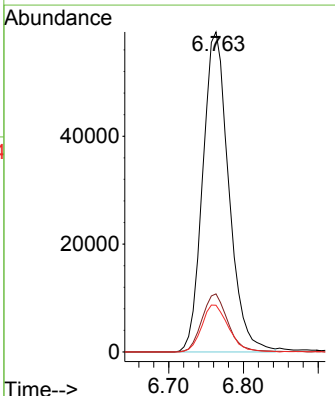
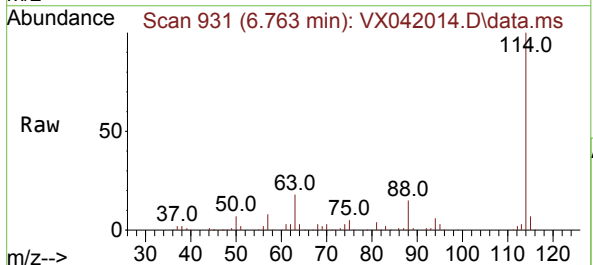
Instrument : MSVOA_X
 ClientSampleId : 240620099-01

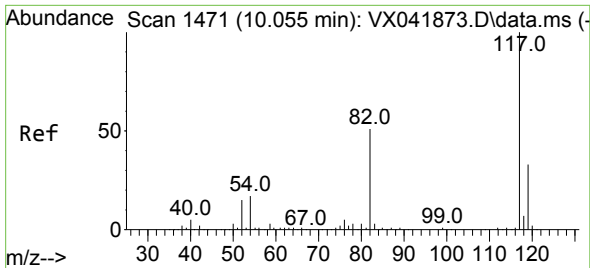
Tgt Ion	Resp	Lower	Upper
65	100		
67	54.5	43.4	65.0



#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	Resp	Lower	Upper
114	100		
63	18.1	14.6	21.8
88	15.1	11.8	17.8



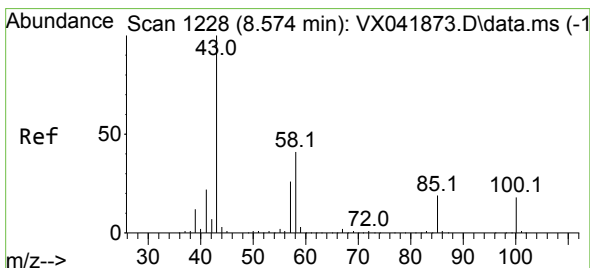
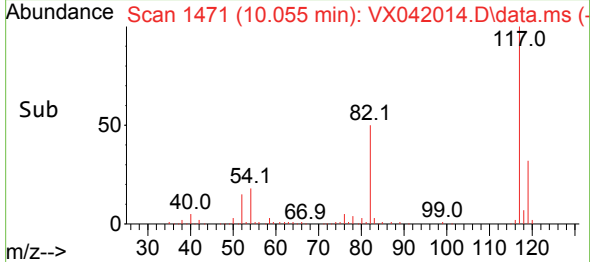
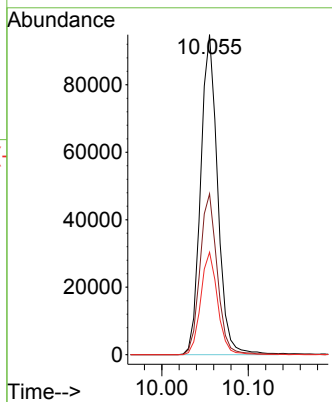
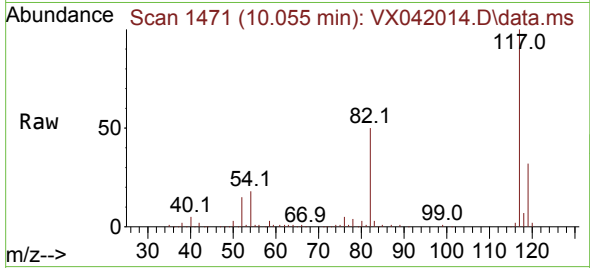


#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX042014.D
 Acq: 24 Jun 2024 19:00

Instrument : MSVOA_X
 ClientSampleId : 240620099-01

Tgt Ion:117 Resp: 129435

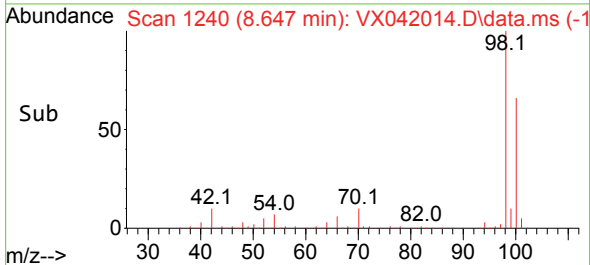
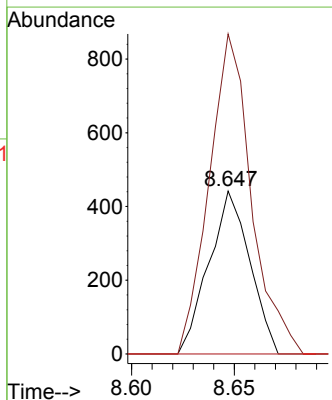
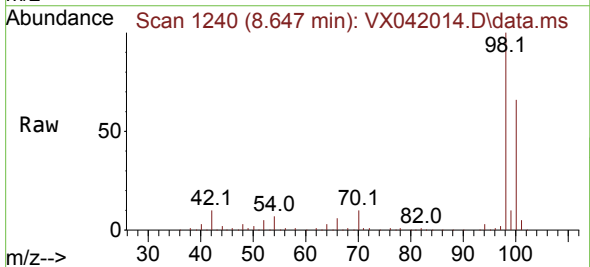
Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.1	61.7
119	31.8	26.1	39.1

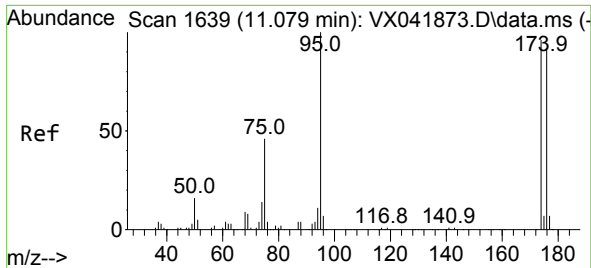


#58
 4-Methyl-2-Pentanone
 Concen: 0.264 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.073 min
 Lab File: VX042014.D
 Acq: 24 Jun 2024 19:00

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#

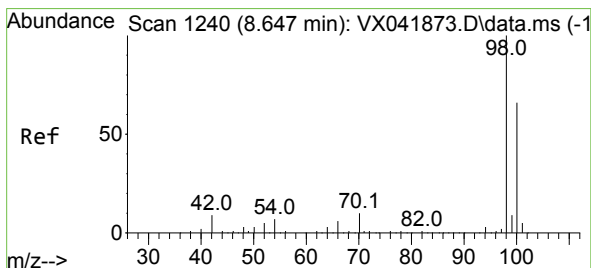
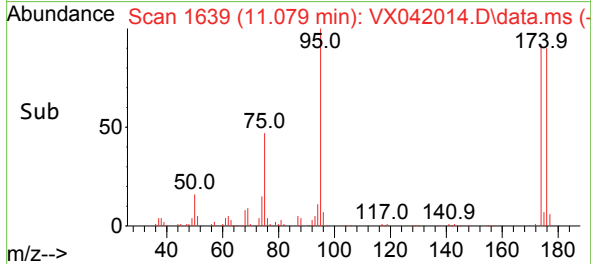
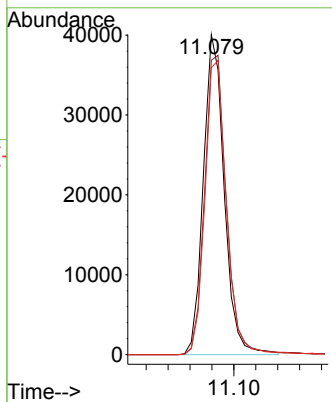
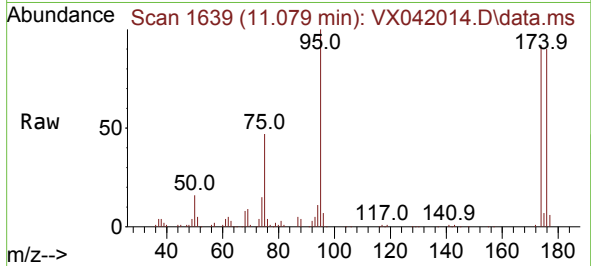




#60
 4-Bromofluorobenzene
 Concen: 26.384 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042014.D
 Acq: 24 Jun 2024 19:00

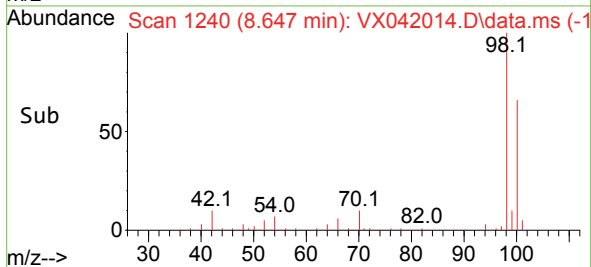
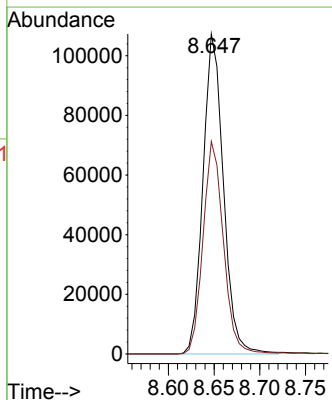
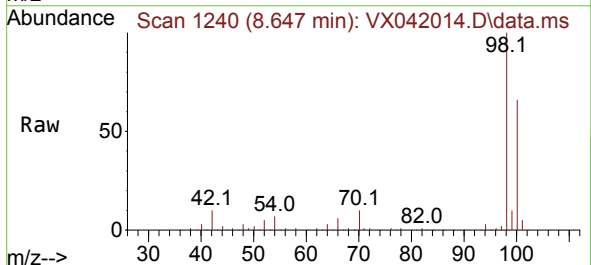
Instrument : MSVOA_X
 ClientSampleId : 240620099-01

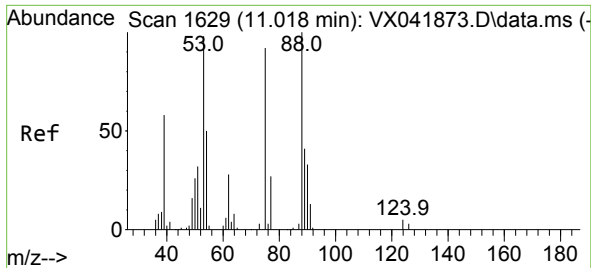
Tgt Ion	Resp	Ion Ratio	Lower	Upper
95	52862	100		
174	97.3	78.9	118.3	
176	94.6	77.1	115.7	



#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	Resp	Ion Ratio	Lower	Upper
98	166665	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 :
 240620099-01

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#

