

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042010.D
 Acq On : 24 Jun 2024 17:27
 Operator : JC/MD
 Sample : P3024-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 06:45:25 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)

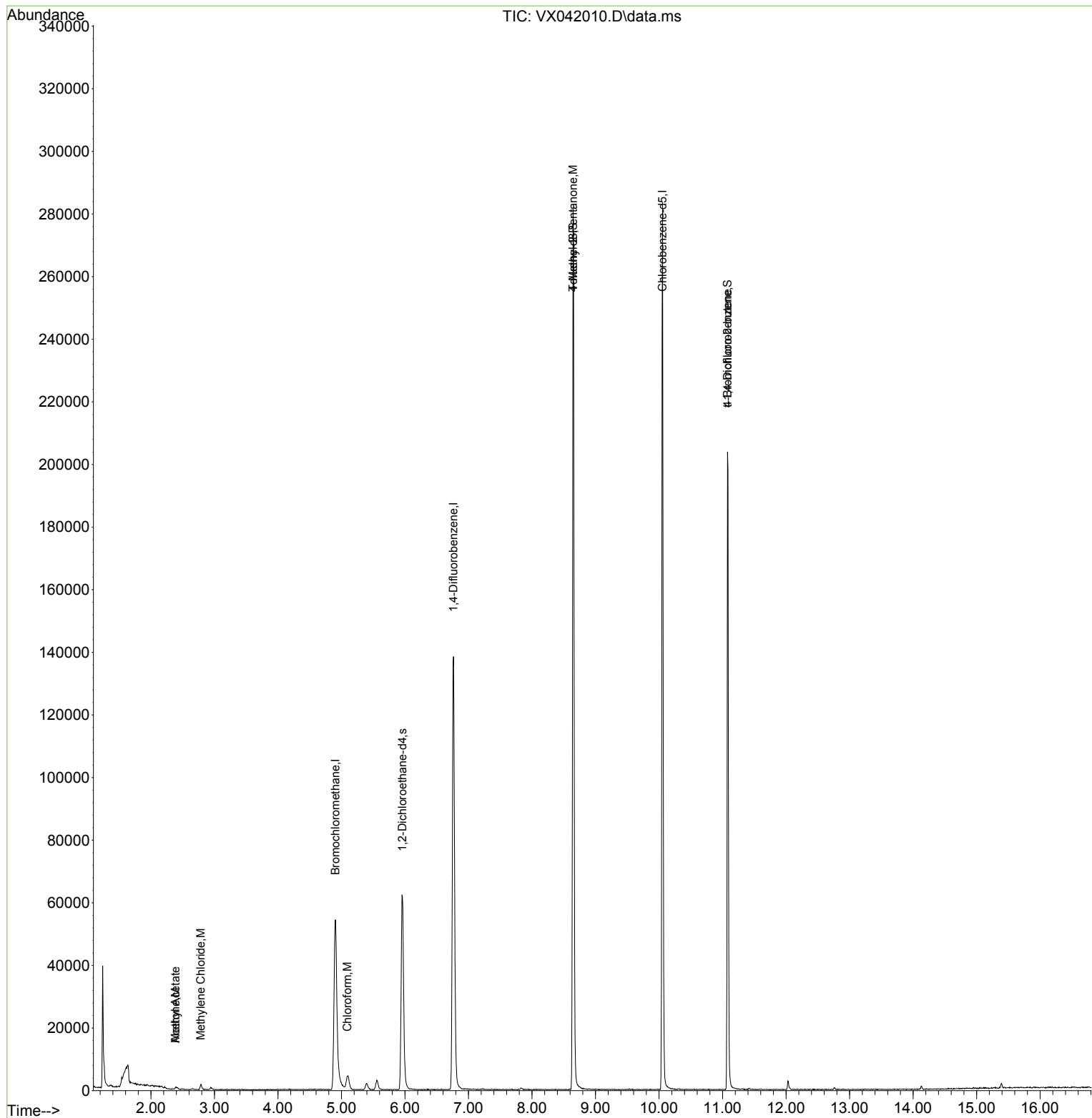
Internal Standards						
1) Bromochloromethane	4.903	128	29446	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	154700	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138967	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	60372	29.783	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.267%
60) 4-Bromofluorobenzene	11.079	95	56797	26.404	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.000%
63) Toluene-d8	8.646	98	179352	30.166	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.567%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.385	43	827	0.360	ug/l #	51
15) Acetone	2.385	58	267	0.857	ug/l #	39
18) Methylene Chloride	2.782	84	928	0.450	ug/l	93
25) Chloroform	5.092	83	3221	0.988	ug/l #	83
58) 4-Methyl-2-Pentanone	8.646	43	588	0.236	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	26120	32.492	ug/l #	7

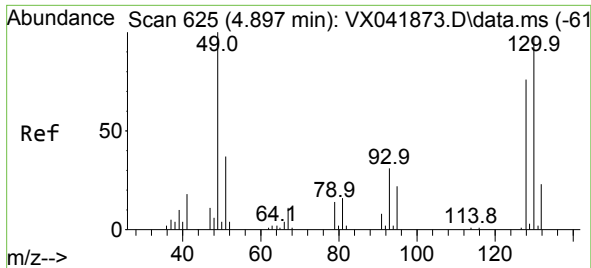
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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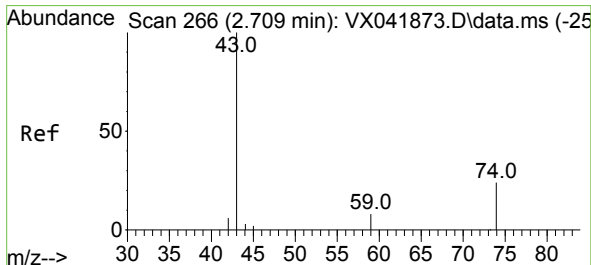
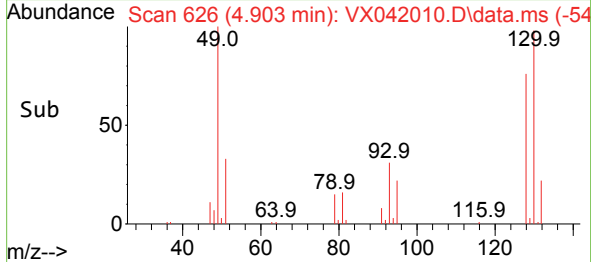
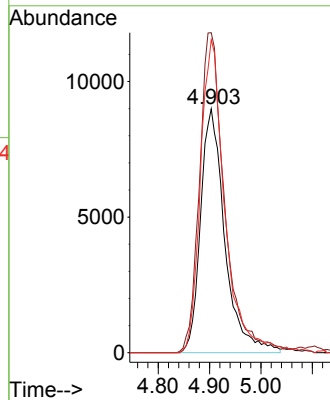
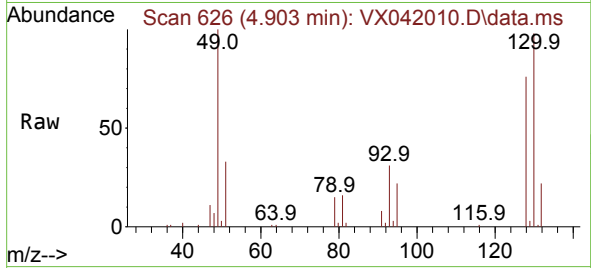




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

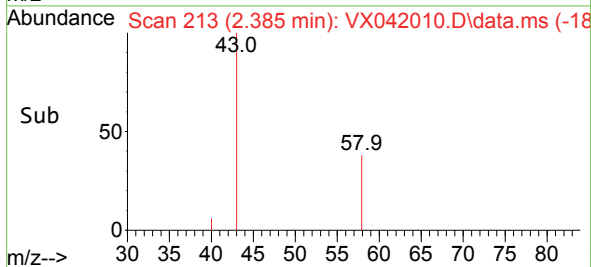
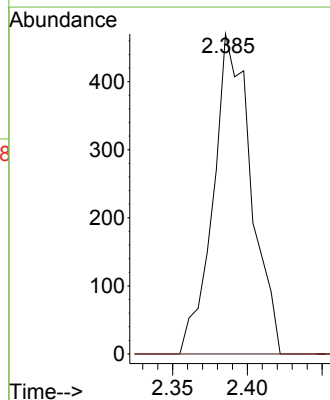
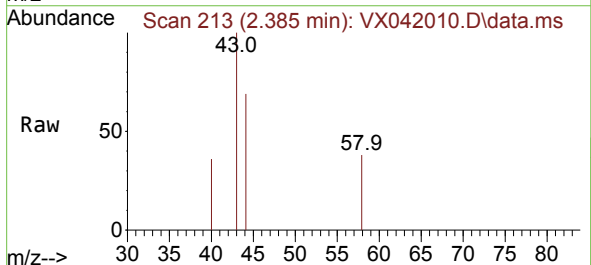
Instrument :
MSVOA_X
ClientSampleId :

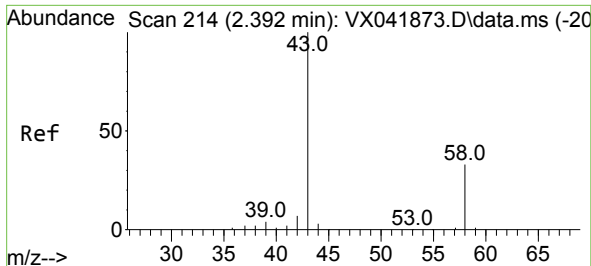
Tgt Ion:128 Resp: 29446
Ion Ratio Lower Upper
128 100
49 131.3 0.0 338.5
130 126.7 0.0 324.5



#12
Methyl Acetate
Concen: 0.360 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.323 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#15

Acetone

Concen: 0.857 ug/l

RT: 2.385 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042010.D

Acq: 24 Jun 2024 17:27

Instrument :

MSVOA_X

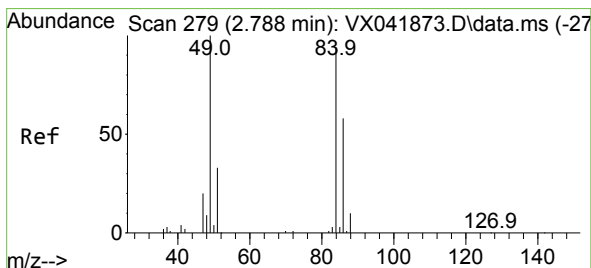
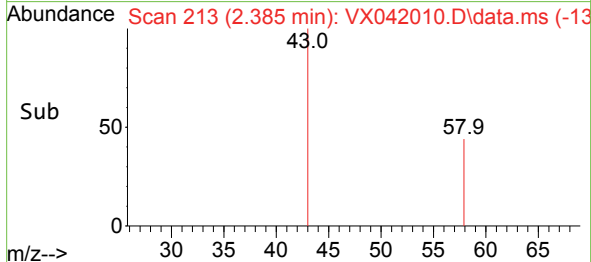
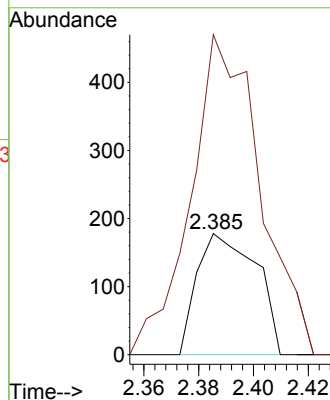
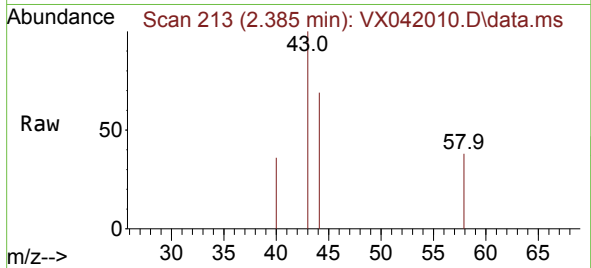
ClientSampleId :

Tgt Ion: 58 Resp: 267

Ion Ratio Lower Upper

58 100

43 183.7 243.4 365.2#



#18

Methylene Chloride

Concen: 0.450 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX042010.D

Acq: 24 Jun 2024 17:27

Tgt Ion: 84 Resp: 928

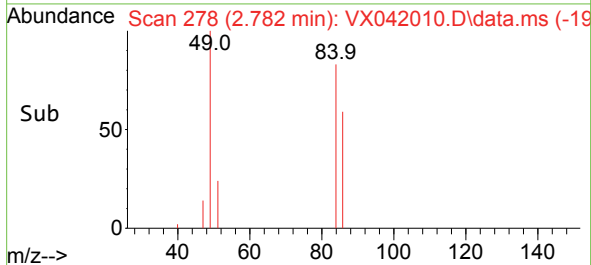
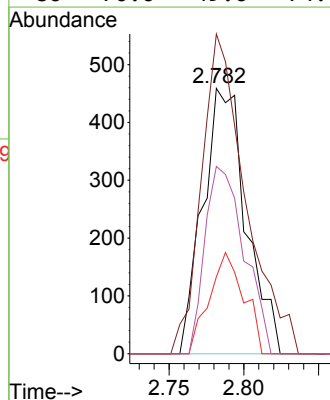
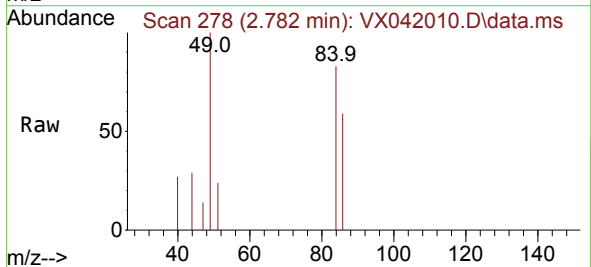
Ion Ratio Lower Upper

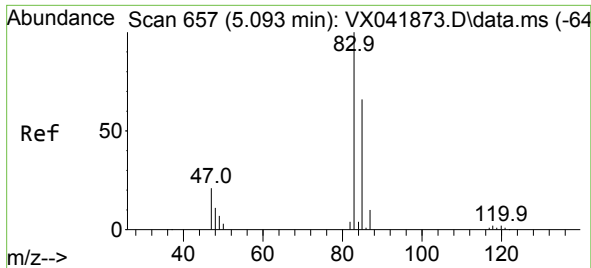
84 100

49 109.4 85.3 127.9

51 29.0 28.5 42.7

86 70.6 49.6 74.4

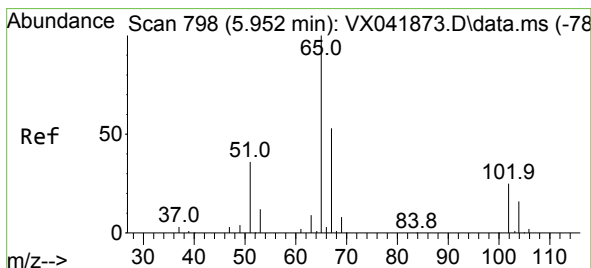
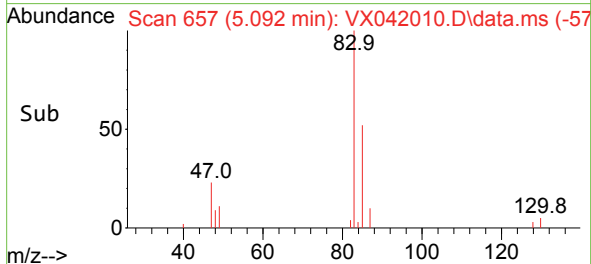
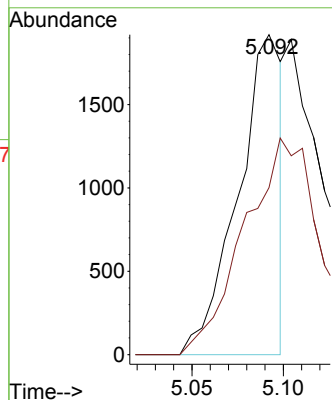
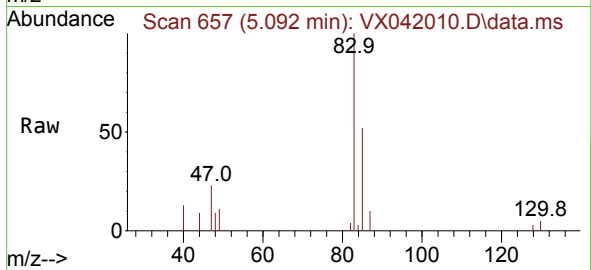




#25
Chloroform
Concen: 0.988 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

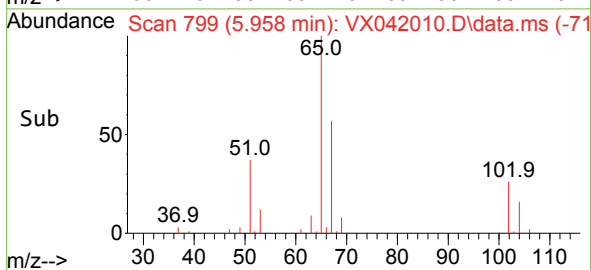
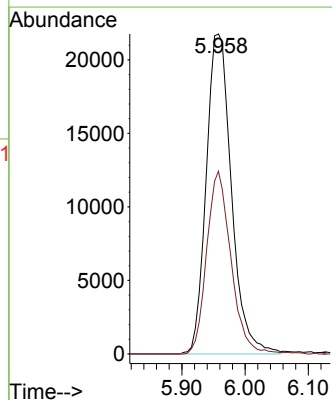
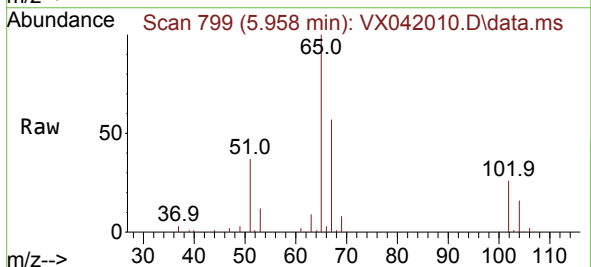
Instrument :
MSVOA_X
ClientSampleId :

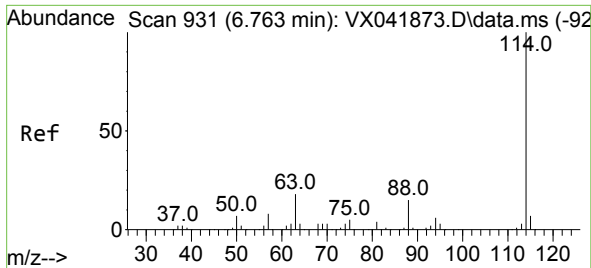
Tgt Ion: 83 Resp: 3221
Ion Ratio Lower Upper
83 100
85 52.2 52.7 79.1#



#27
1,2-Dichloroethane-d4
Concen: 29.783 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

Tgt Ion: 65 Resp: 60372
Ion Ratio Lower Upper
65 100
67 54.2 43.4 65.0

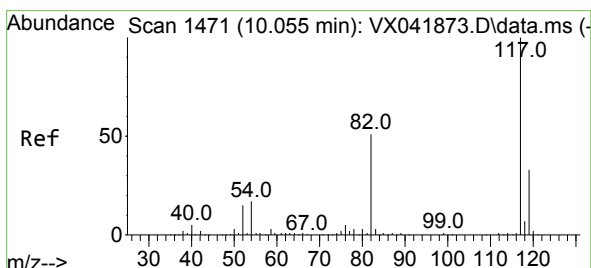
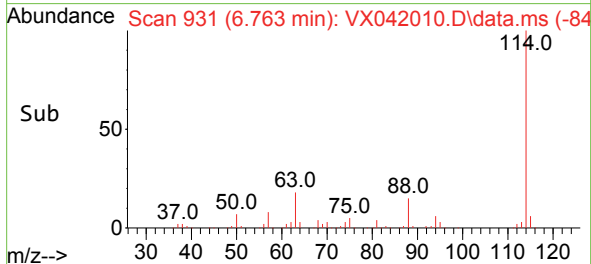
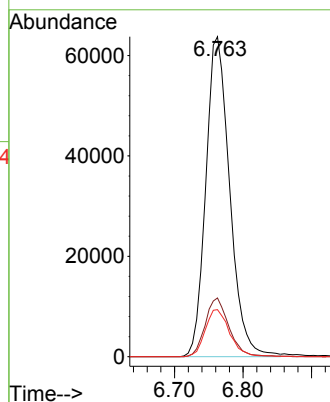
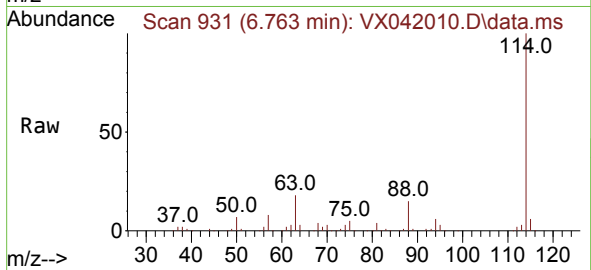




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

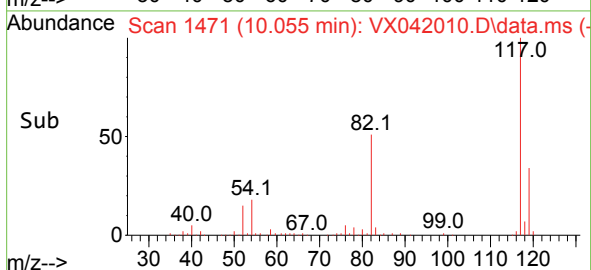
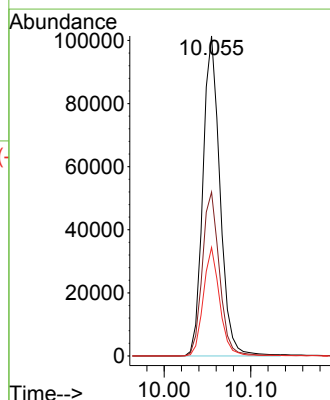
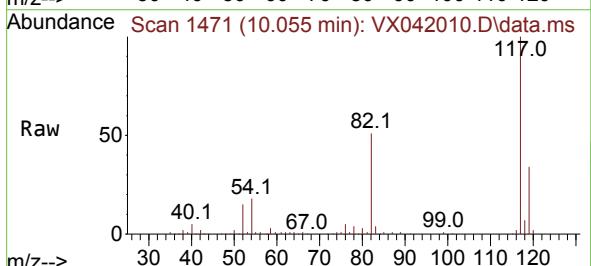
Instrument :
MSVOA_X
ClientSampleId :

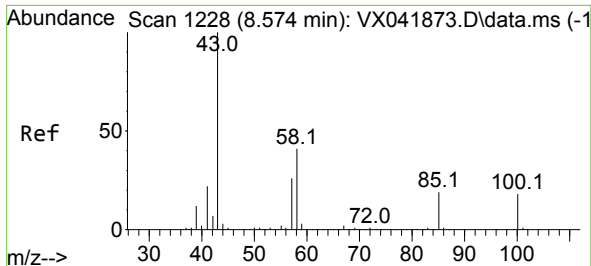
Tgt Ion:114 Resp: 154700
Ion Ratio Lower Upper
114 100
63 18.1 14.6 21.8
88 15.0 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

Tgt Ion:117 Resp: 138967
Ion Ratio Lower Upper
117 100
82 51.2 41.1 61.7
119 32.6 26.1 39.1

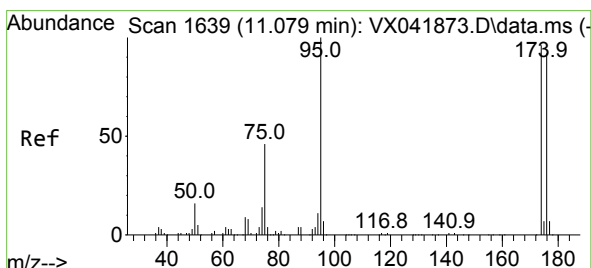
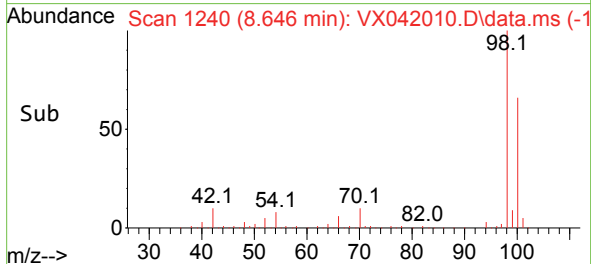
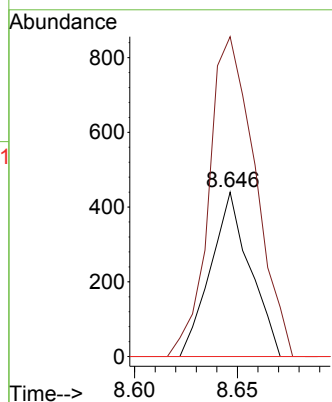
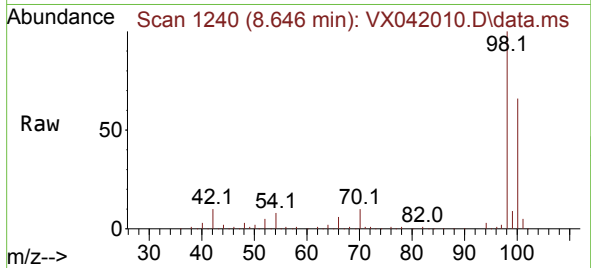




#58
4-Methyl-2-Pentanone
Concen: 0.236 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

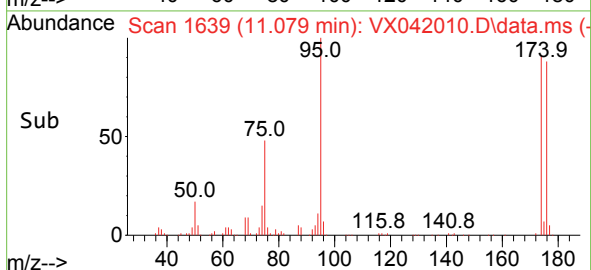
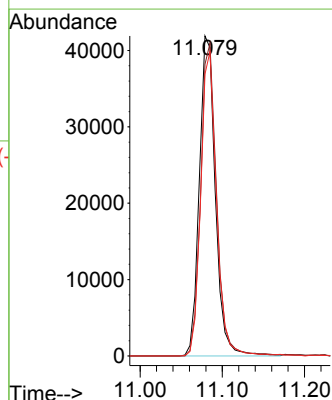
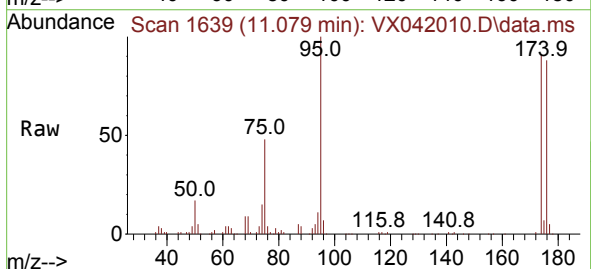
Instrument :
MSVOA_X
ClientSampleId :

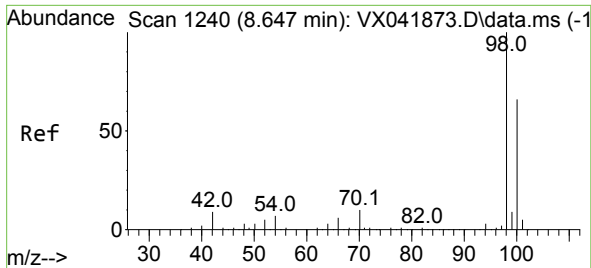
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 228.1 33.2 49.8#
85 0.0 15.5 23.3#



#60
4-Bromofluorobenzene
Concen: 26.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

Tgt Ion: 95 Resp: 56797
Ion Ratio Lower Upper
95 100
174 96.1 78.9 118.3
176 92.8 77.1 115.7

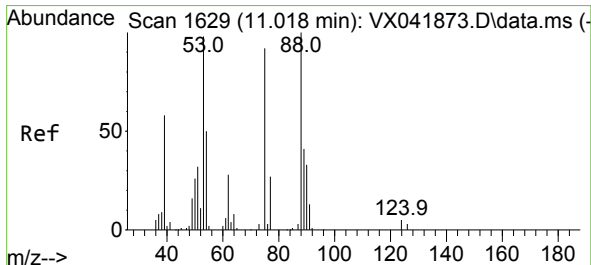
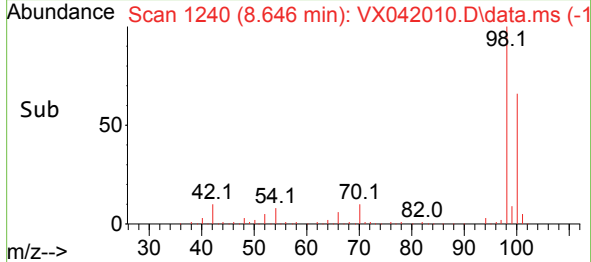
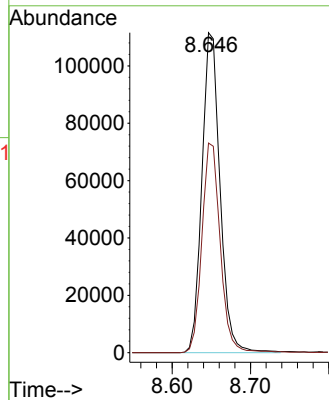
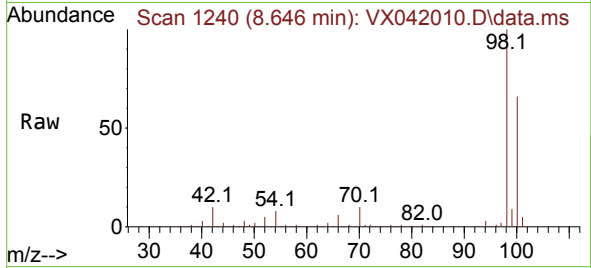




#63
Toluene-d8
Concen: 30.166 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 179352
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#77
t-1,4-Dichloro-2-butene
Concen: 32.492 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042010.D
Acq: 24 Jun 2024 17:27

Tgt Ion: 75 Resp: 26120
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#

