

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041633.D
 Acq On : 23 May 2024 16:55
 Operator : JC/MD
 Sample : P2600-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 24 06:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

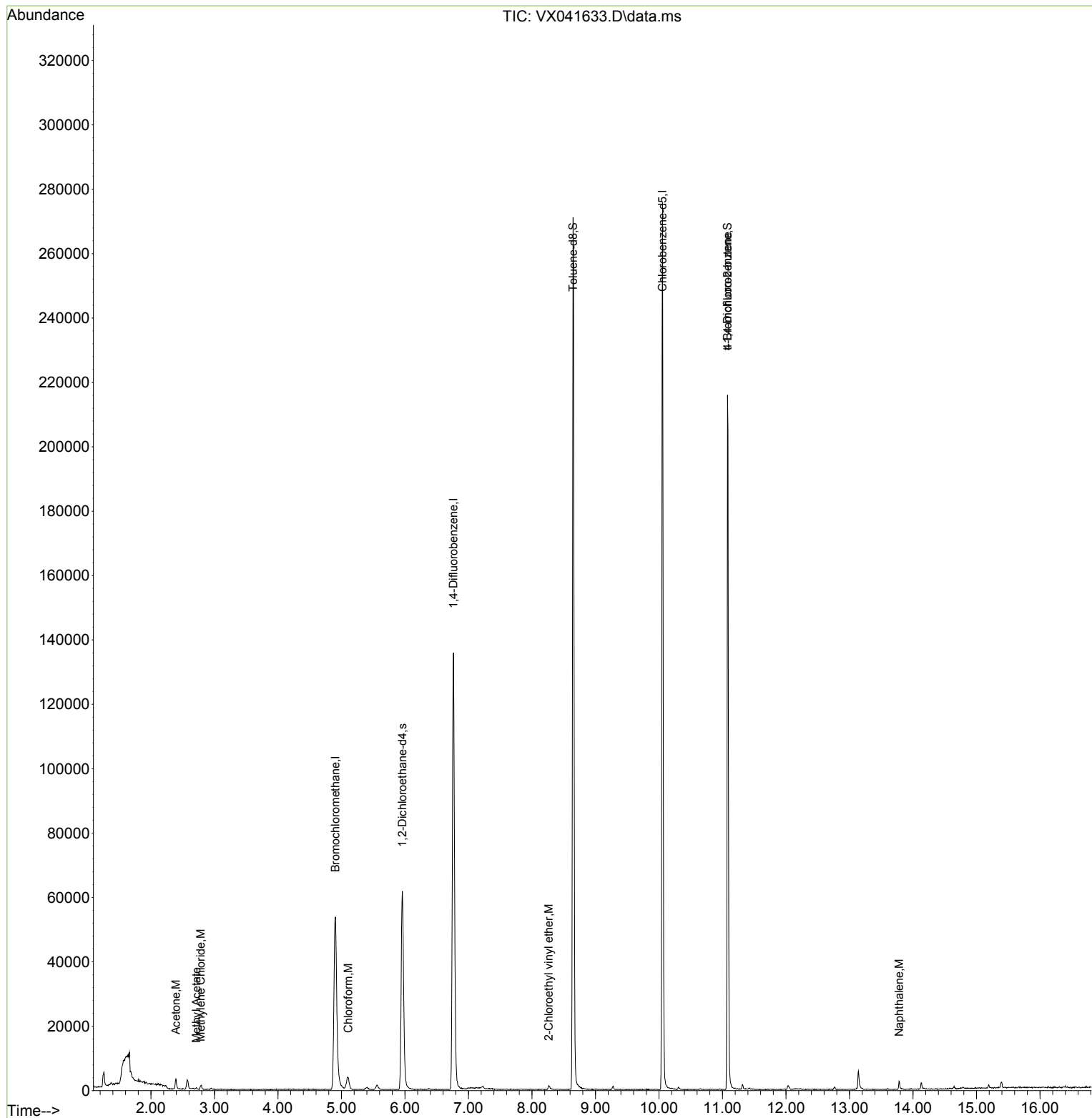
Internal Standards						
1) Bromochloromethane	4.904	128	26323	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	143371	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	126798	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61594	29.714	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.033%
60) 4-Bromofluorobenzene	11.079	95	55783	28.182	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.933%
63) Toluene-d8	8.647	98	162747	29.943	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.715	43	533	0.263	ug/l #	81
15) Acetone	2.392	58	988	4.135	ug/l	72
18) Methylene Chloride	2.782	84	652	0.407	ug/l #	71
25) Chloroform	5.105	83	4841	1.612	ug/l	95
55) 2-Chloroethyl vinyl ether	8.263	63	769	0.631	ug/l #	69
77) t-1,4-Dichloro-2-butene	11.079	75	28309	41.720	ug/l #	1
91) Naphthalene	13.780	128	2341	0.311	ug/l #	91

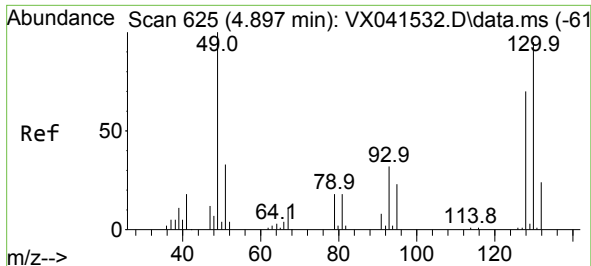
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041633.D
Acq On : 23 May 2024 16:55
Operator : JC/MD
Sample : P2600-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

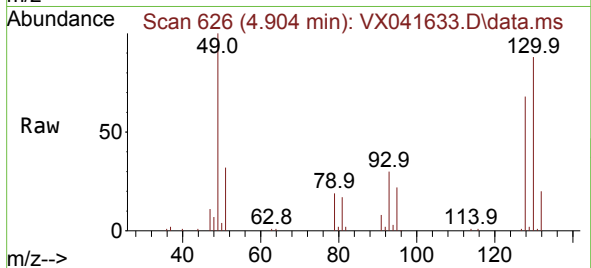
Quant Time: May 24 06:45:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration



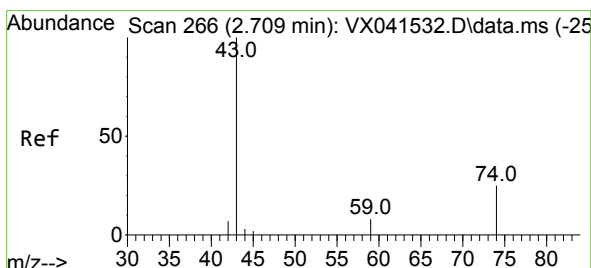
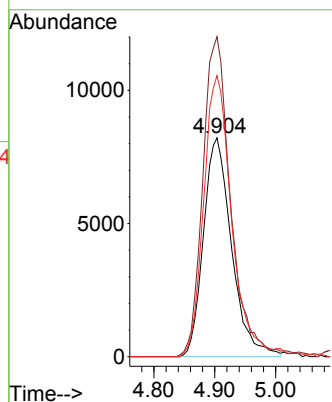
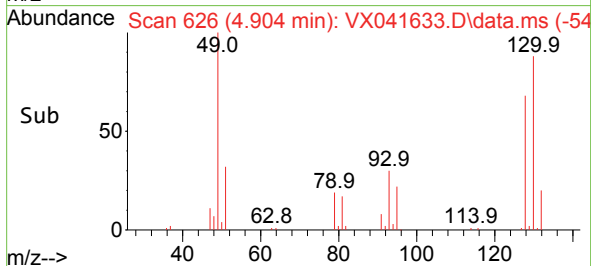


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041633.D
Acq: 23 May 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :

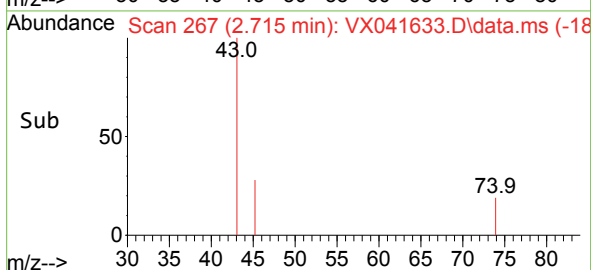
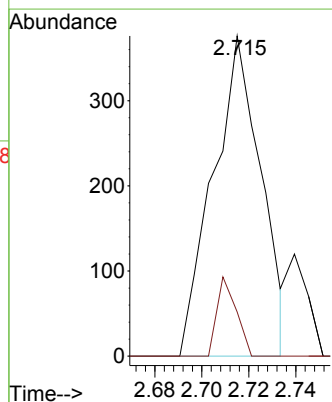
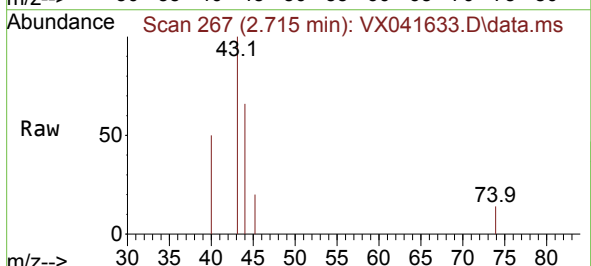


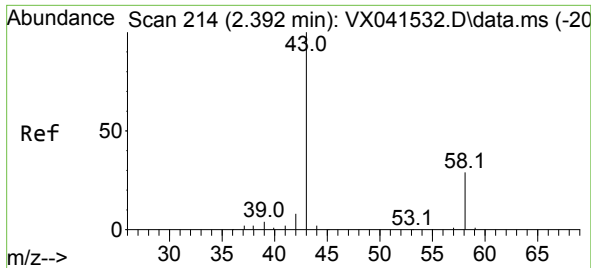
Tgt Ion:128 Resp: 26323
Ion Ratio Lower Upper
128 100
49 144.3 0.0 361.5
130 127.3 0.0 324.3



#12
Methyl Acetate
Concen: 0.263 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041633.D
Acq: 23 May 2024 16:55

Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
74 15.5 19.9 29.9#





#15

Acetone

Concen: 4.135 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041633.D

Acq: 23 May 2024 16:55

Instrument :

MSVOA_X

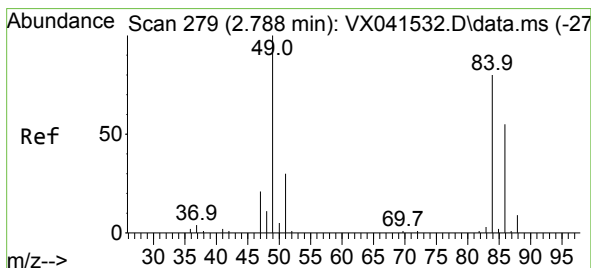
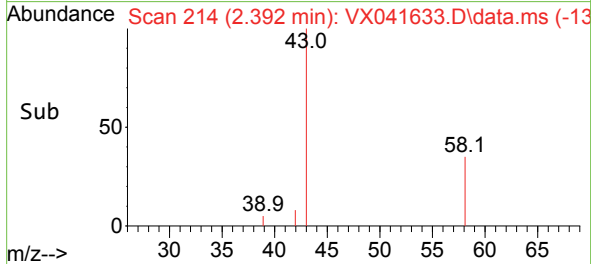
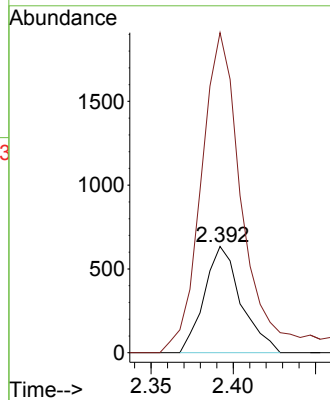
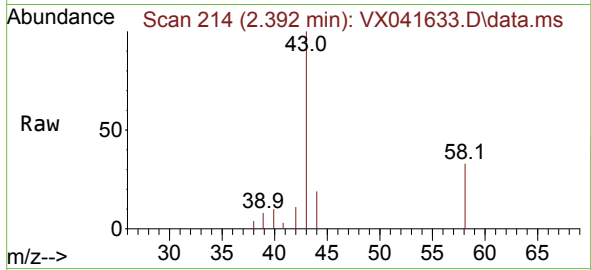
ClientSampleId :

Tgt Ion: 58 Resp: 988

Ion Ratio Lower Upper

58 100

43 282.3 274.0 411.0



#18

Methylene Chloride

Concen: 0.407 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041633.D

Acq: 23 May 2024 16:55

Tgt Ion: 84 Resp: 652

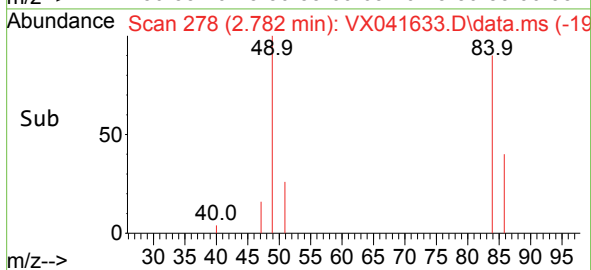
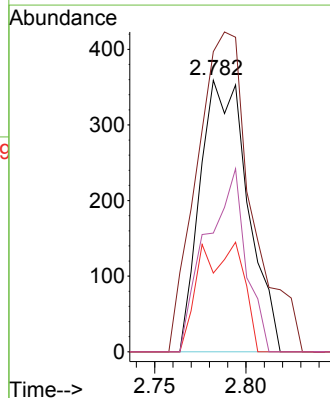
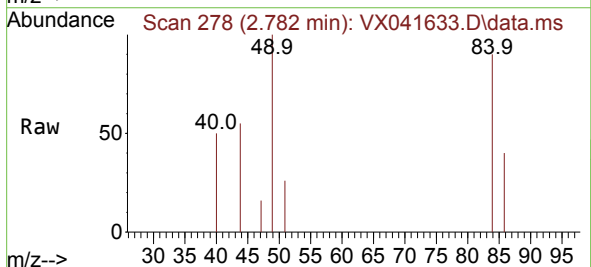
Ion Ratio Lower Upper

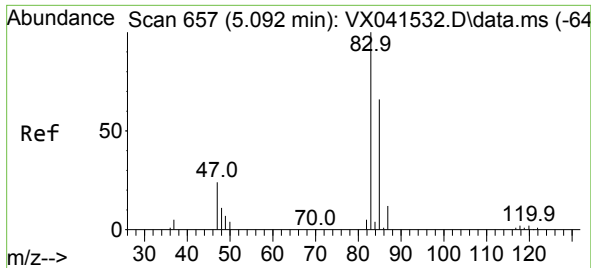
84 100

49 87.7 99.8 149.8#

51 29.0 30.2 45.4#

86 43.7 54.6 81.8#

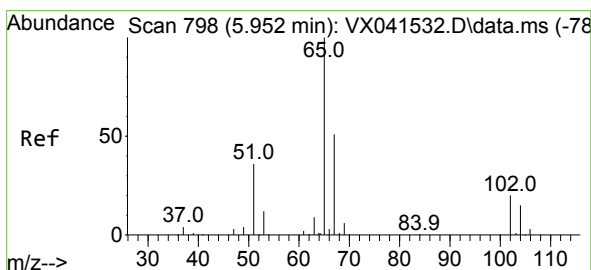
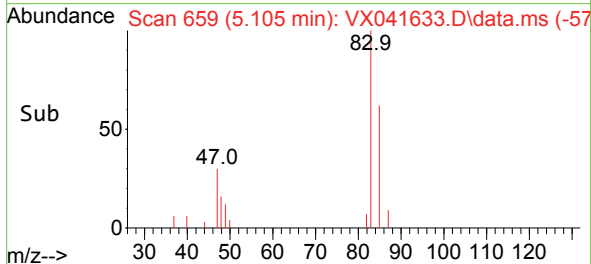
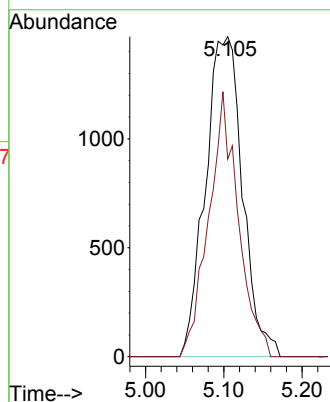
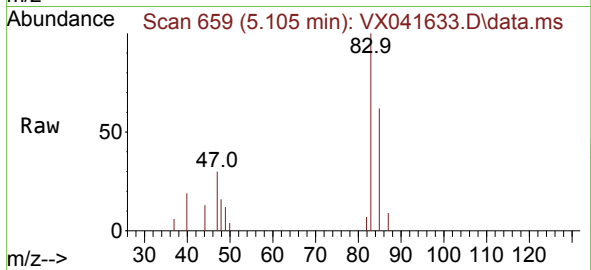




#25
Chloroform
Concen: 1.612 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX041633.D
Acq: 23 May 2024 16:55

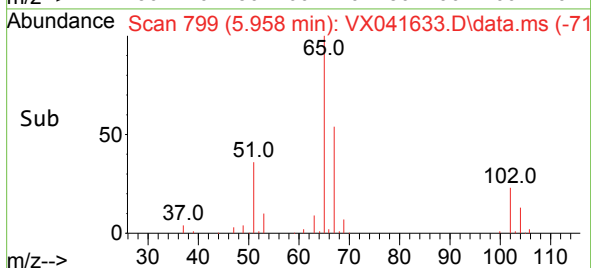
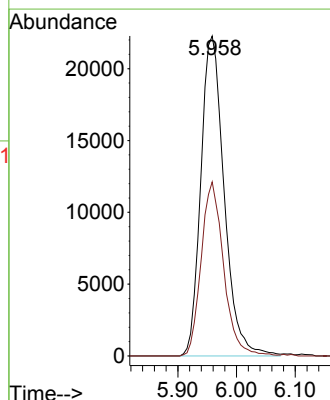
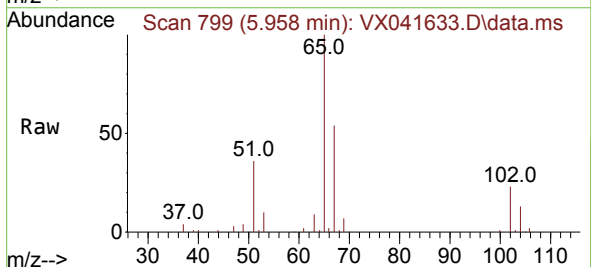
Instrument :
MSVOA_X
ClientSampleId :

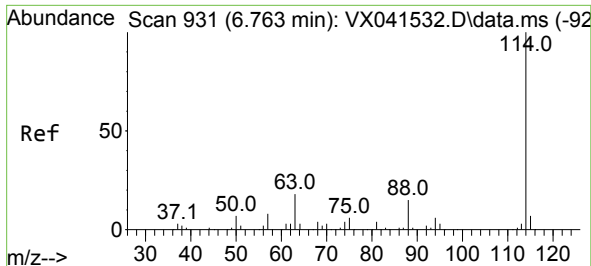
Tgt Ion: 83 Resp: 4841
Ion Ratio Lower Upper
83 100
85 61.7 52.9 79.3



#27
1,2-Dichloroethane-d4
Concen: 29.714 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041633.D
Acq: 23 May 2024 16:55

Tgt Ion: 65 Resp: 61594
Ion Ratio Lower Upper
65 100
67 52.4 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX041633.D

Acq: 23 May 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

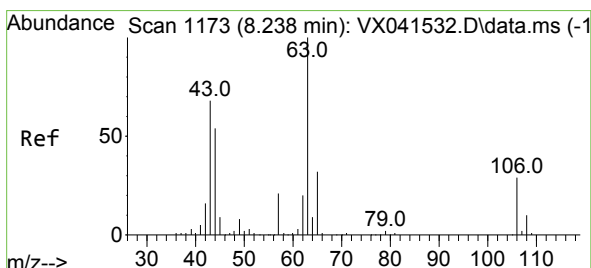
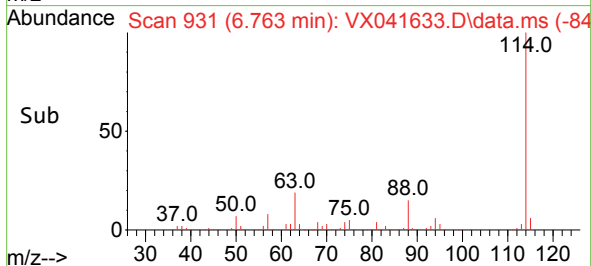
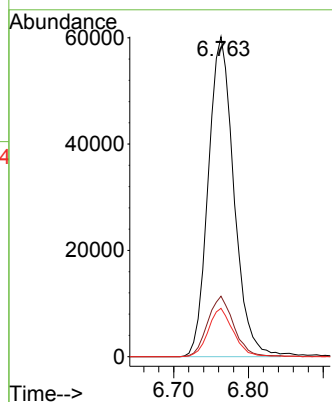
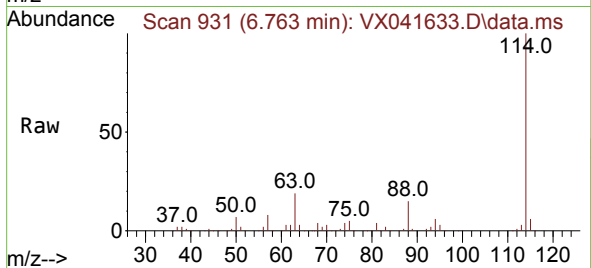
Tgt Ion:114 Resp: 143371

Ion Ratio Lower Upper

114 100

63 19.3 15.4 23.0

88 14.7 12.2 18.2



#55

2-Chloroethyl vinyl ether

Concen: 0.631 ug/l

RT: 8.263 min Scan# 1177

Delta R.T. 0.025 min

Lab File: VX041633.D

Acq: 23 May 2024 16:55

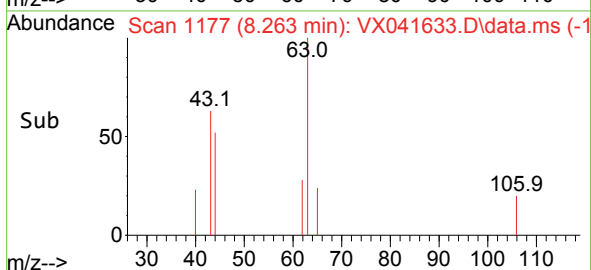
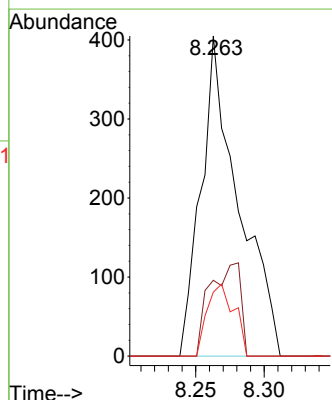
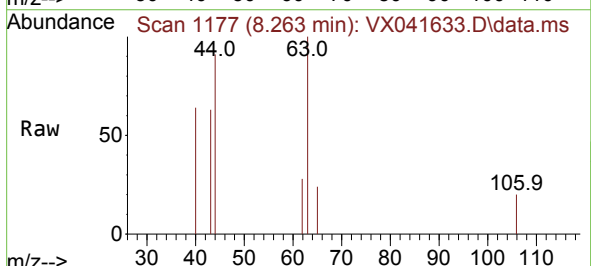
Tgt Ion: 63 Resp: 769

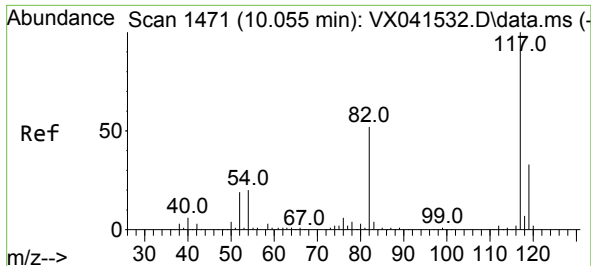
Ion Ratio Lower Upper

63 100

65 12.7 25.5 38.3#

106 16.1 24.7 37.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041633.D

Acq: 23 May 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

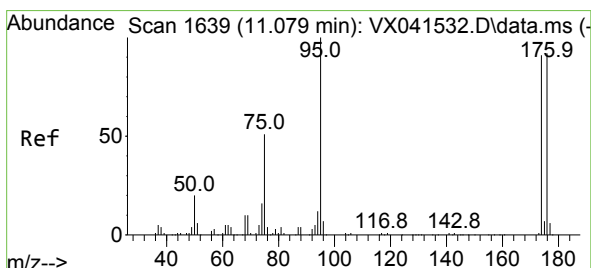
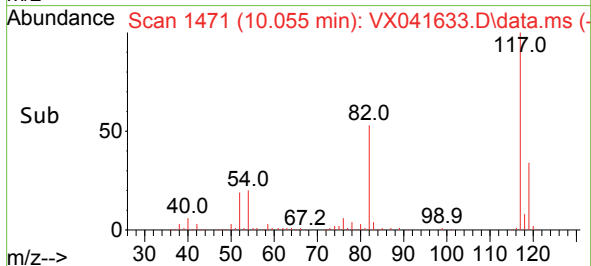
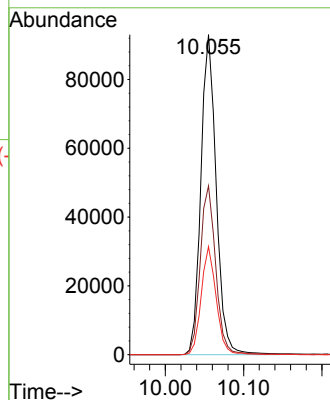
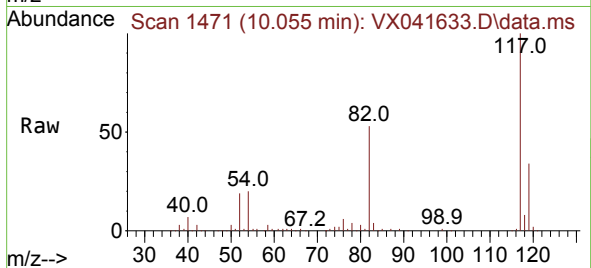
Tgt Ion:117 Resp: 126798

Ion Ratio Lower Upper

117 100

82 53.4 41.7 62.5

119 32.9 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 28.182 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041633.D

Acq: 23 May 2024 16:55

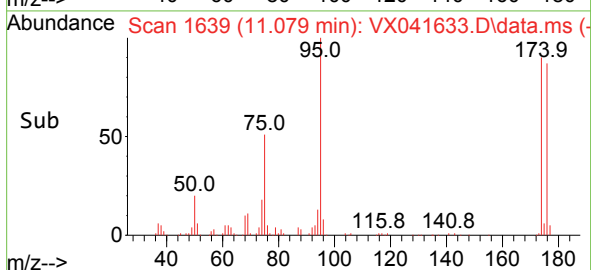
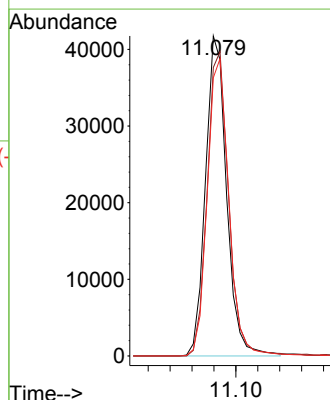
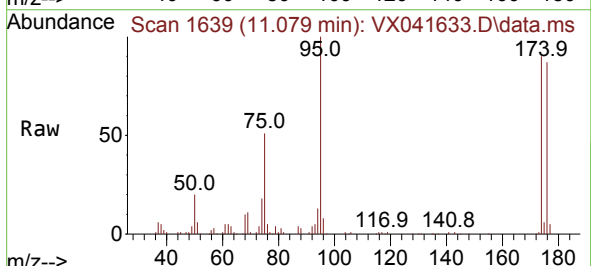
Tgt Ion: 95 Resp: 55783

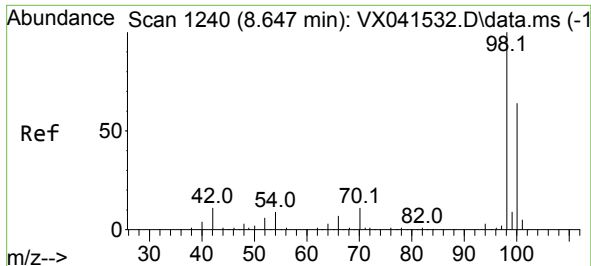
Ion Ratio Lower Upper

95 100

174 96.7 76.6 115.0

176 95.1 75.4 113.0

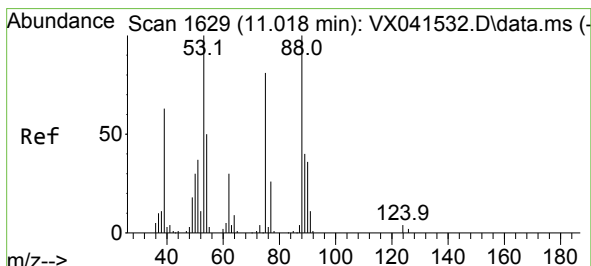
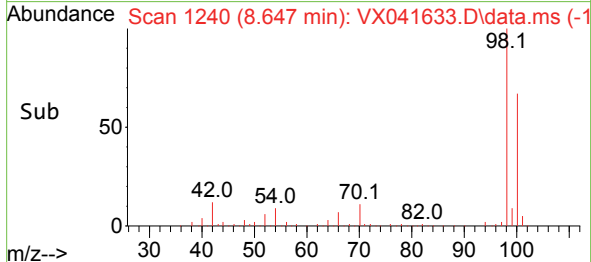
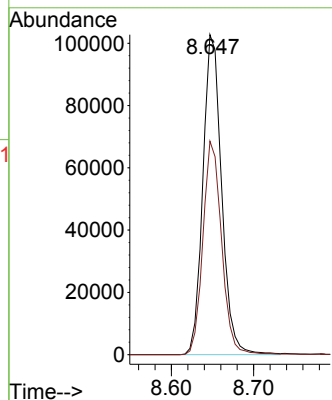
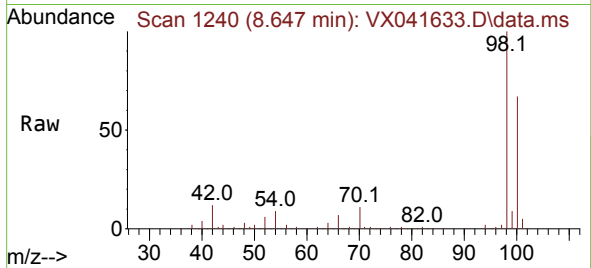




#63
Toluene-d8
Concen: 29.943 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041633.D
Acq: 23 May 2024 16:55

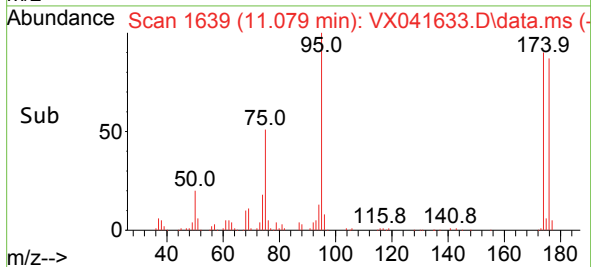
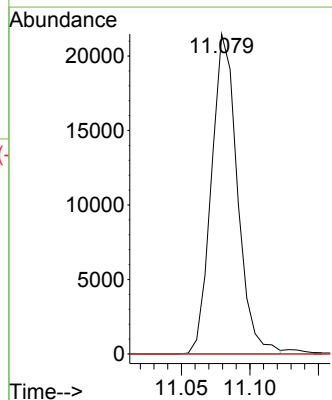
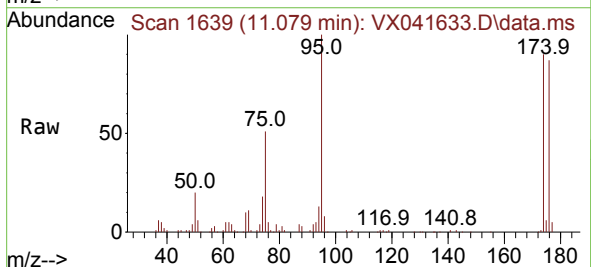
Instrument :
MSVOA_X
ClientSampleId :

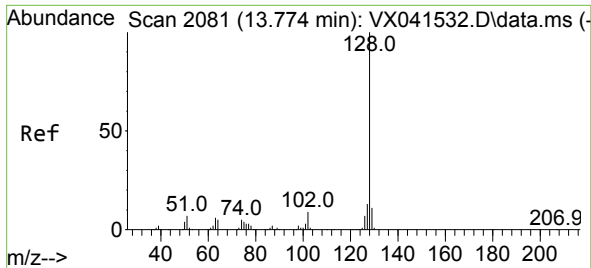
Tgt Ion: 98 Resp: 162747
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#77
t-1,4-Dichloro-2-butene
Concen: 41.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041633.D
Acq: 23 May 2024 16:55

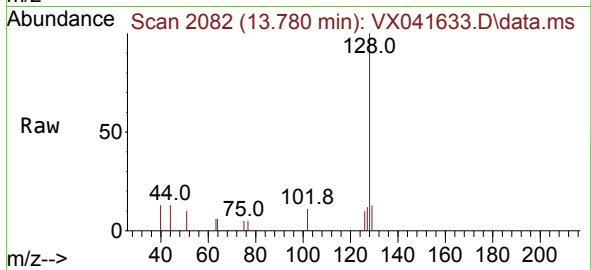
Tgt Ion: 75 Resp: 28309
Ion Ratio Lower Upper
75 100
53 0.0 61.8 185.3#
89 0.0 24.9 74.7#





#91
Naphthalene
Concen: 0.311 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041633.D
Acq: 23 May 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2341
Ion Ratio Lower Upper
128 100
127 9.4 10.6 16.0#
129 7.6 8.8 13.2#

