

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041782.D
 Acq On : 07 Jun 2024 11:54
 Operator : JC/MD
 Sample : P2698-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 08 04:04:18 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)

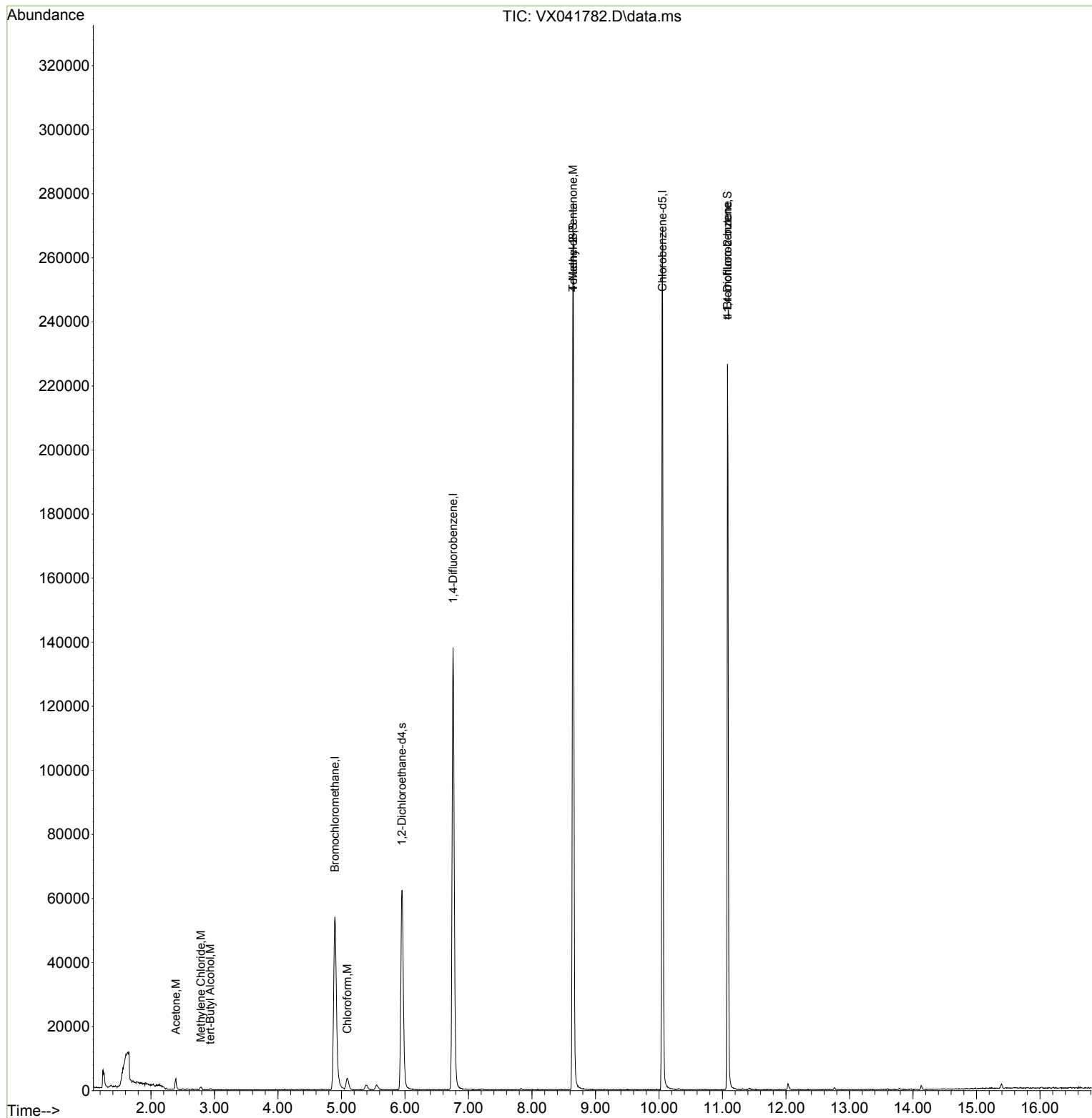
Internal Standards						
1) Bromochloromethane	4.898	128	25194	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	145415	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	131291	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63439	31.975	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.600%
60) 4-Bromofluorobenzene	11.079	95	56023	27.334	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.100%
63) Toluene-d8	8.647	98	164113	29.161	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.200%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	959	4.194	ug/l	99
18) Methylene Chloride	2.788	84	485	0.316	ug/l #	82
23) tert-Butyl Alcohol	2.935	59	115	0.317	ug/l #	100
25) Chloroform	5.093	83	4440	1.545	ug/l	96
58) 4-Methyl-2-Pentanone	8.647	43	727	0.303	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	28852	41.065	ug/l #	1

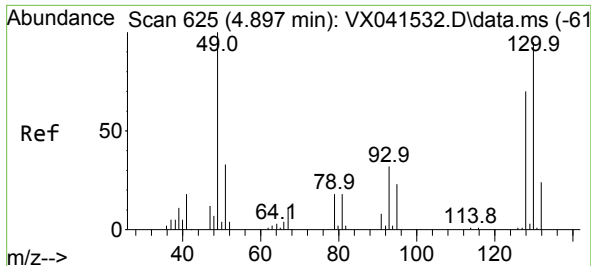
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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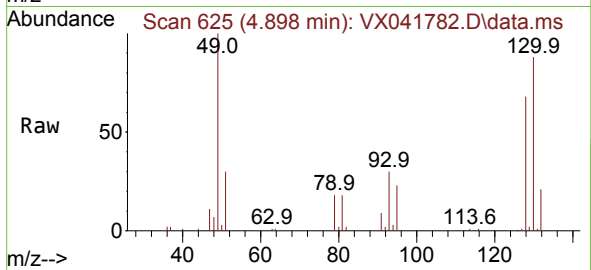
Quant Time: Jun 08 04:04:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration



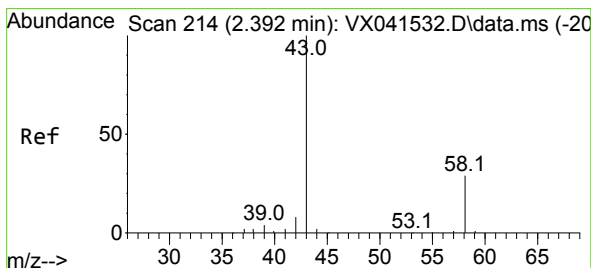
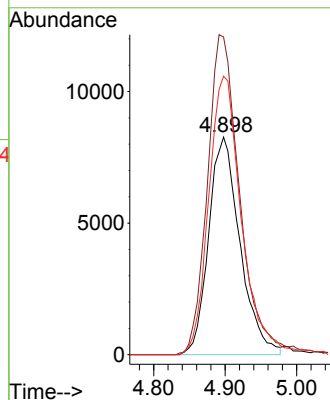
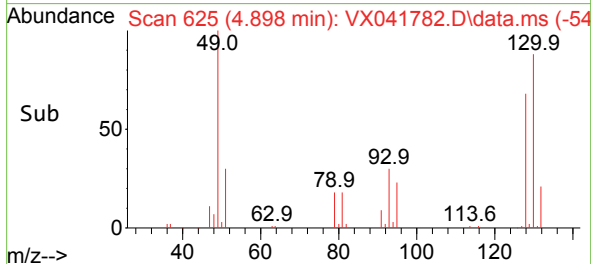


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041782.D
Acq: 07 Jun 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :

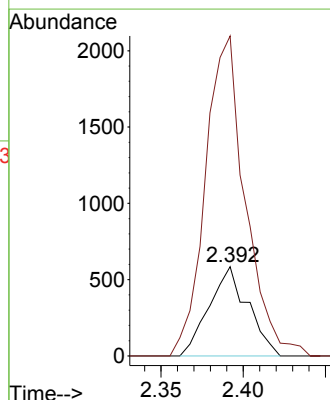
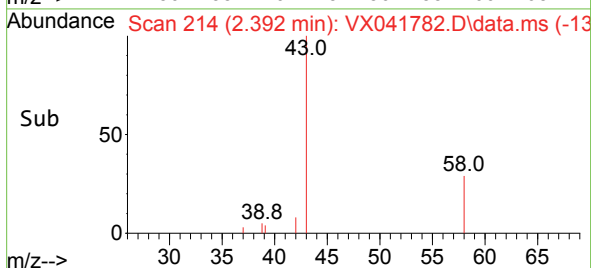
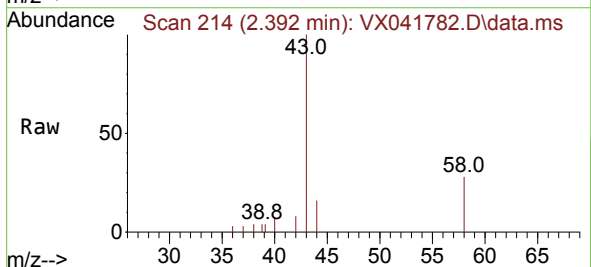


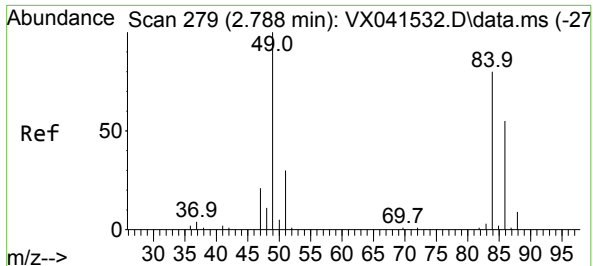
Tgt Ion:128 Resp: 25194
Ion Ratio Lower Upper
128 100
49 150.6 0.0 361.5
130 133.7 0.0 324.3



#15
Acetone
Concen: 4.194 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041782.D
Acq: 07 Jun 2024 11:54

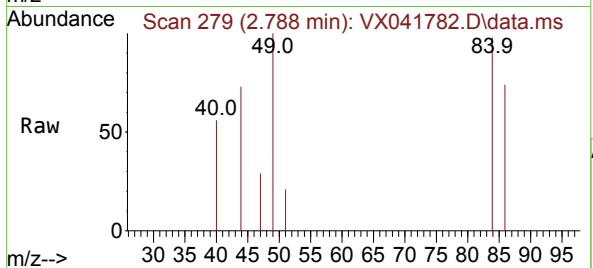
Tgt Ion: 58 Resp: 959
Ion Ratio Lower Upper
58 100
43 344.1 274.0 411.0



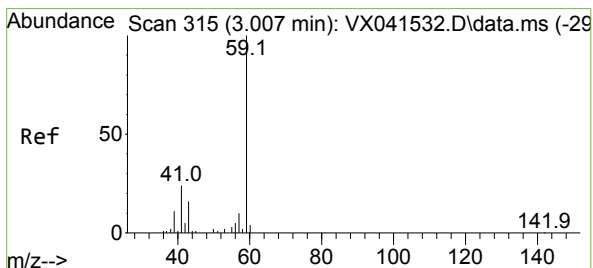
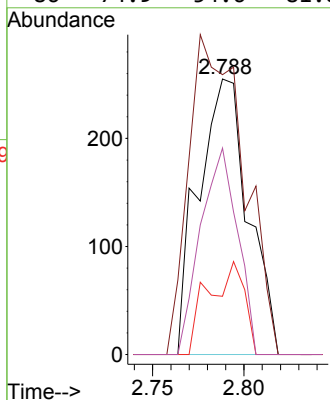


#18
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041782.D
Acq: 07 Jun 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :

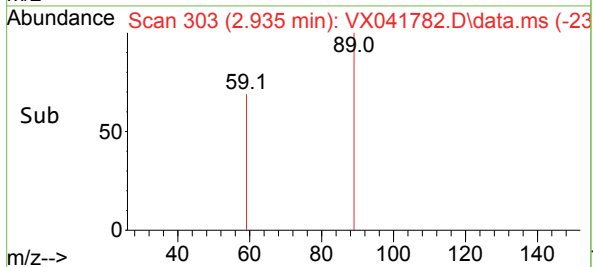
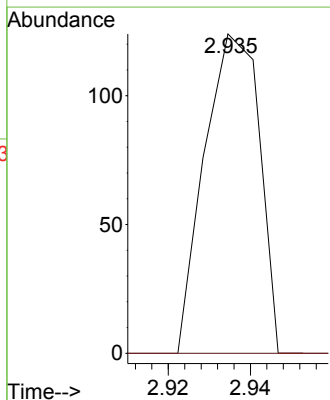
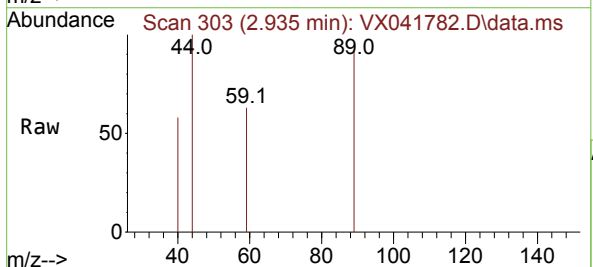


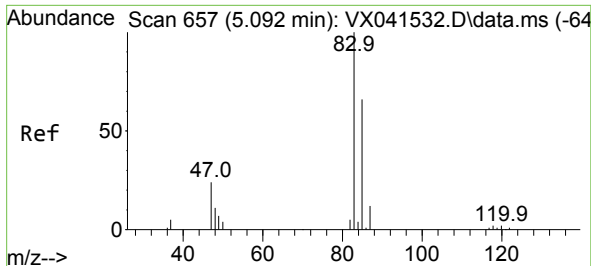
Tgt Ion:	84	Resp:	485
Ion	Ratio	Lower	Upper
84	100		
49	101.6	99.8	149.8
51	21.2	30.2	45.4#
86	74.9	54.6	81.8



#23
tert-Butyl Alcohol
Concen: 0.317 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX041782.D
Acq: 07 Jun 2024 11:54

Tgt Ion:	59	Resp:	115
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

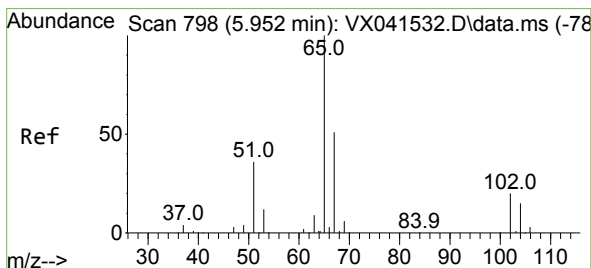
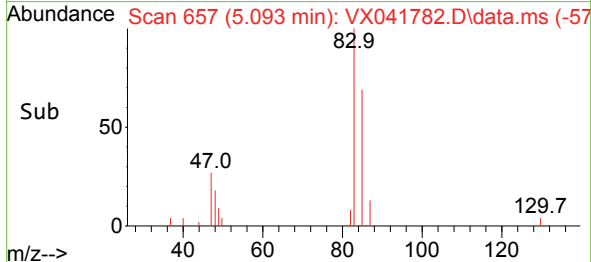
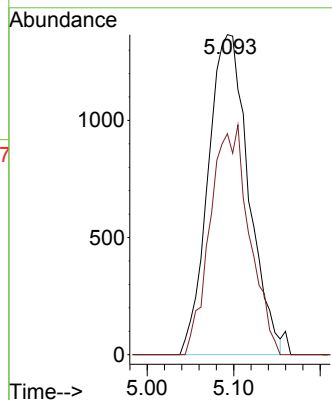
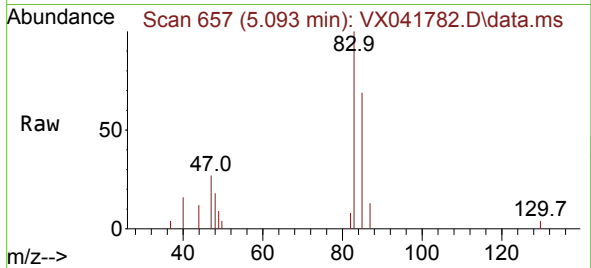




#25
Chloroform
Concen: 1.545 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041782.D
Acq: 07 Jun 2024 11:54

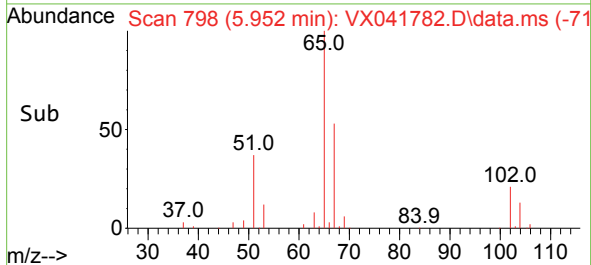
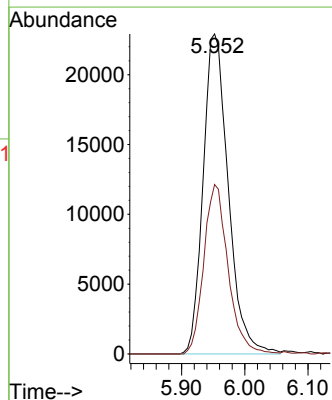
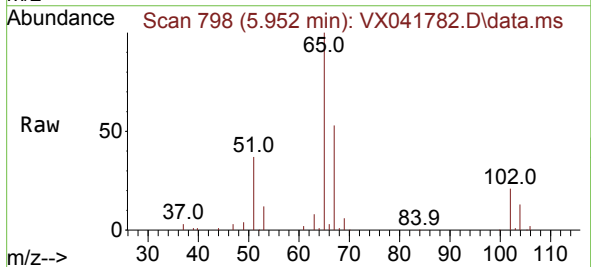
Instrument :
MSVOA_X
ClientSampleId :

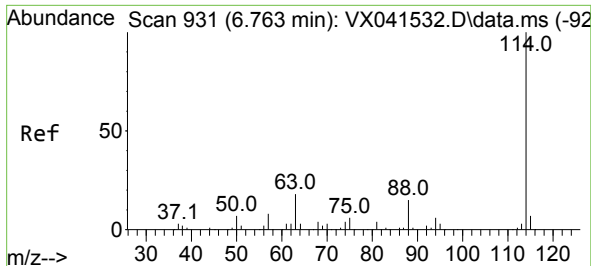
Tgt Ion: 83 Resp: 4440
Ion Ratio Lower Upper
83 100
85 69.0 52.9 79.3



#27
1,2-Dichloroethane-d4
Concen: 31.975 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041782.D
Acq: 07 Jun 2024 11:54

Tgt Ion: 65 Resp: 63439
Ion Ratio Lower Upper
65 100
67 51.0 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041782.D

Acq: 07 Jun 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

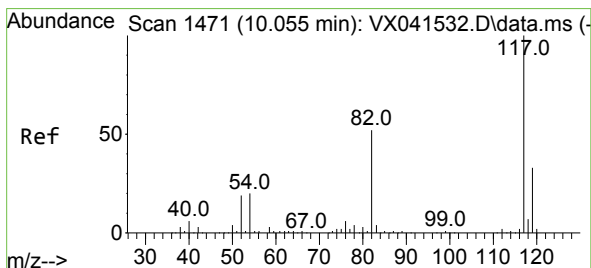
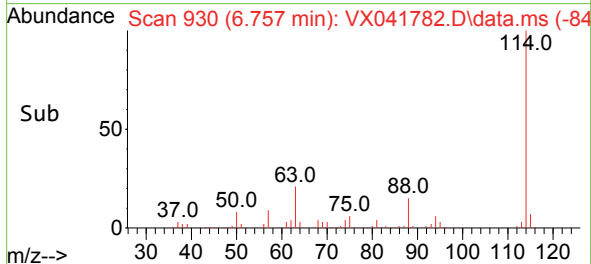
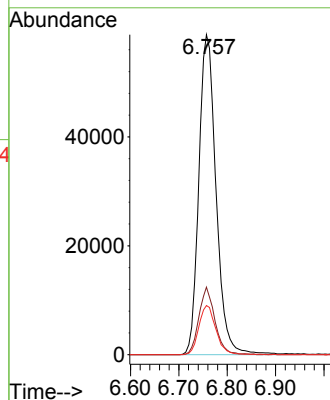
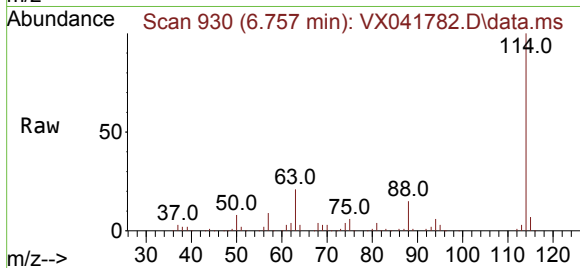
Tgt Ion:114 Resp: 145415

Ion Ratio Lower Upper

114 100

63 19.5 15.4 23.0

88 15.1 12.2 18.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041782.D

Acq: 07 Jun 2024 11:54

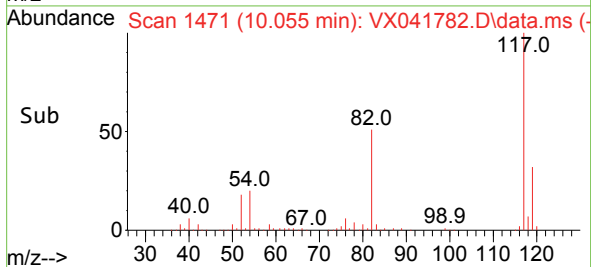
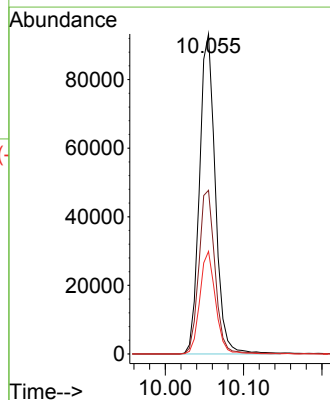
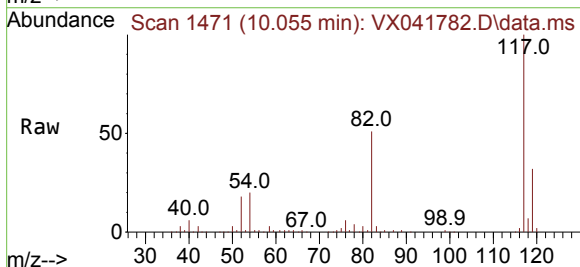
Tgt Ion:117 Resp: 131291

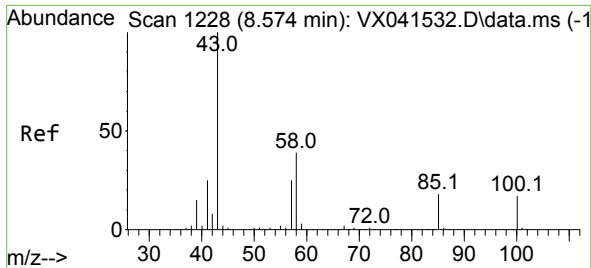
Ion Ratio Lower Upper

117 100

82 52.1 41.7 62.5

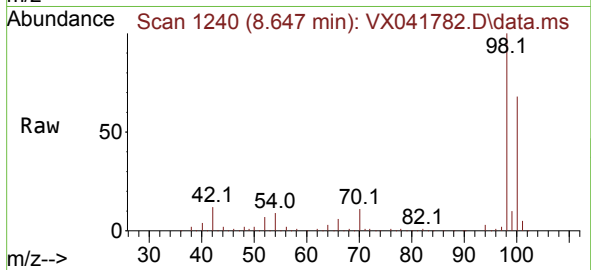
119 31.8 25.7 38.5





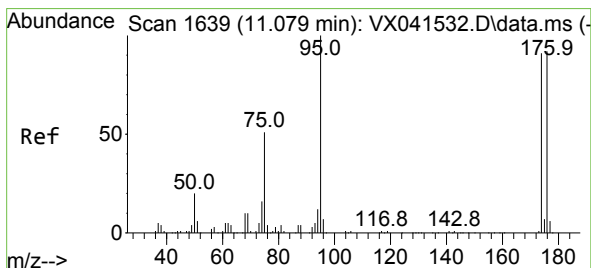
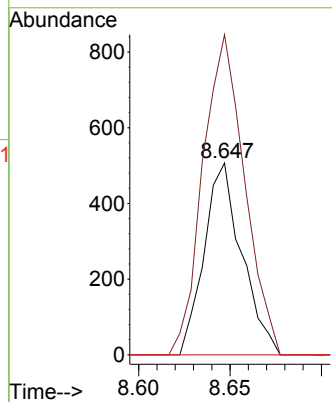
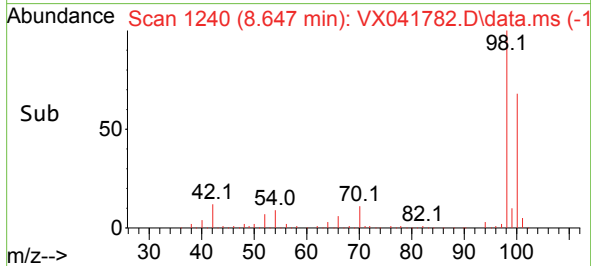
#58
 4-Methyl-2-Pentanone
 Concen: 0.303 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX041782.D
 Acq: 07 Jun 2024 11:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 43 Resp: 727

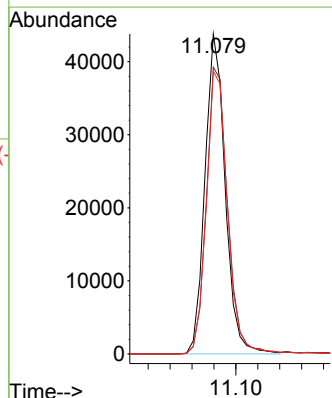
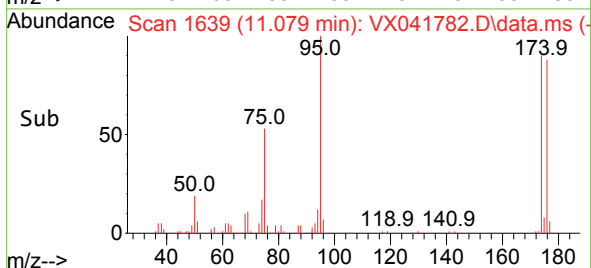
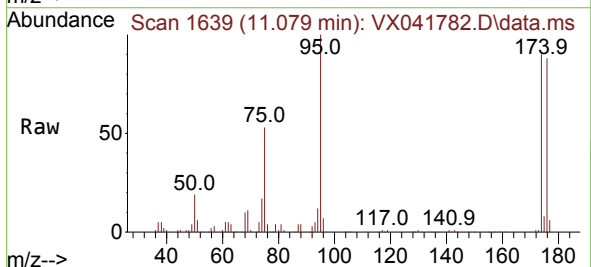
Ion	Ratio	Lower	Upper
43	100		
58	185.0	30.2	45.4#
85	0.0	14.6	21.8#

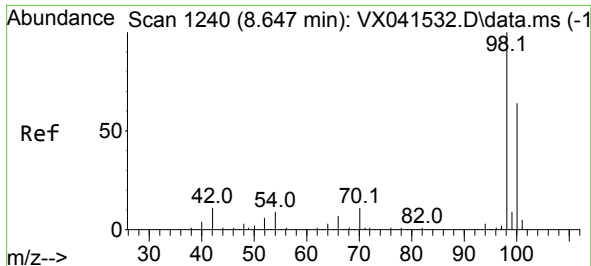


#60
 4-Bromofluorobenzene
 Concen: 27.334 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX041782.D
 Acq: 07 Jun 2024 11:54

Tgt Ion: 95 Resp: 56023

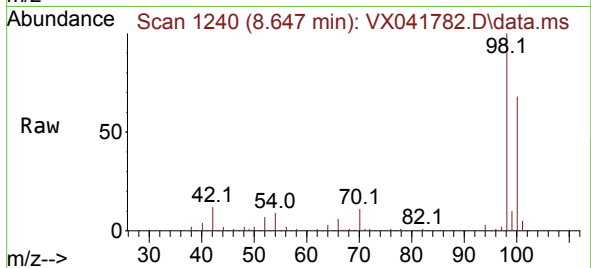
Ion	Ratio	Lower	Upper
95	100		
174	94.4	76.6	115.0
176	92.7	75.4	113.0



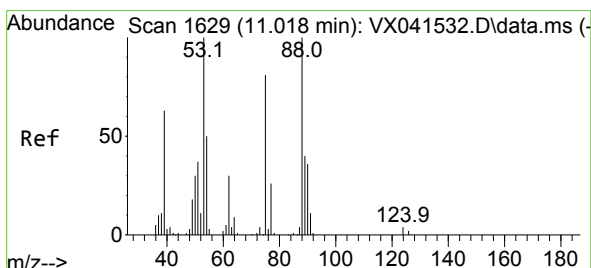
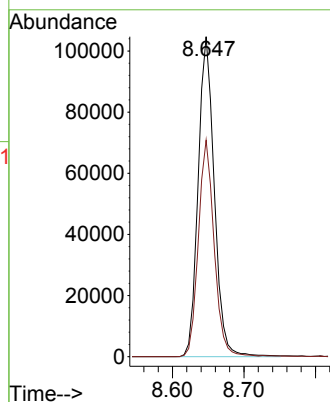
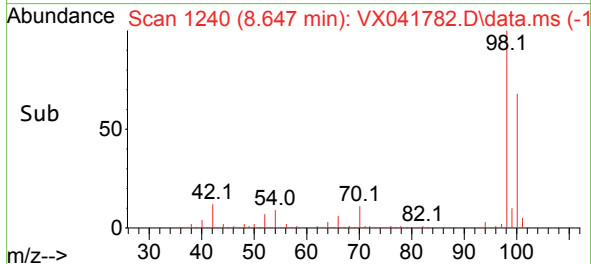


#63
Toluene-d8
Concen: 29.161 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041782.D
Acq: 07 Jun 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 98 Resp: 164113
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#77
t-1,4-Dichloro-2-butene
Concen: 41.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041782.D
Acq: 07 Jun 2024 11:54

Tgt Ion: 75 Resp: 28852
Ion Ratio Lower Upper
75 100
53 0.0 61.8 185.3#
89 0.0 24.9 74.7#

