

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041892.D
 Acq On : 14 Jun 2024 20:54
 Operator : JC/MD
 Sample : P2807-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 04:17:06 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)

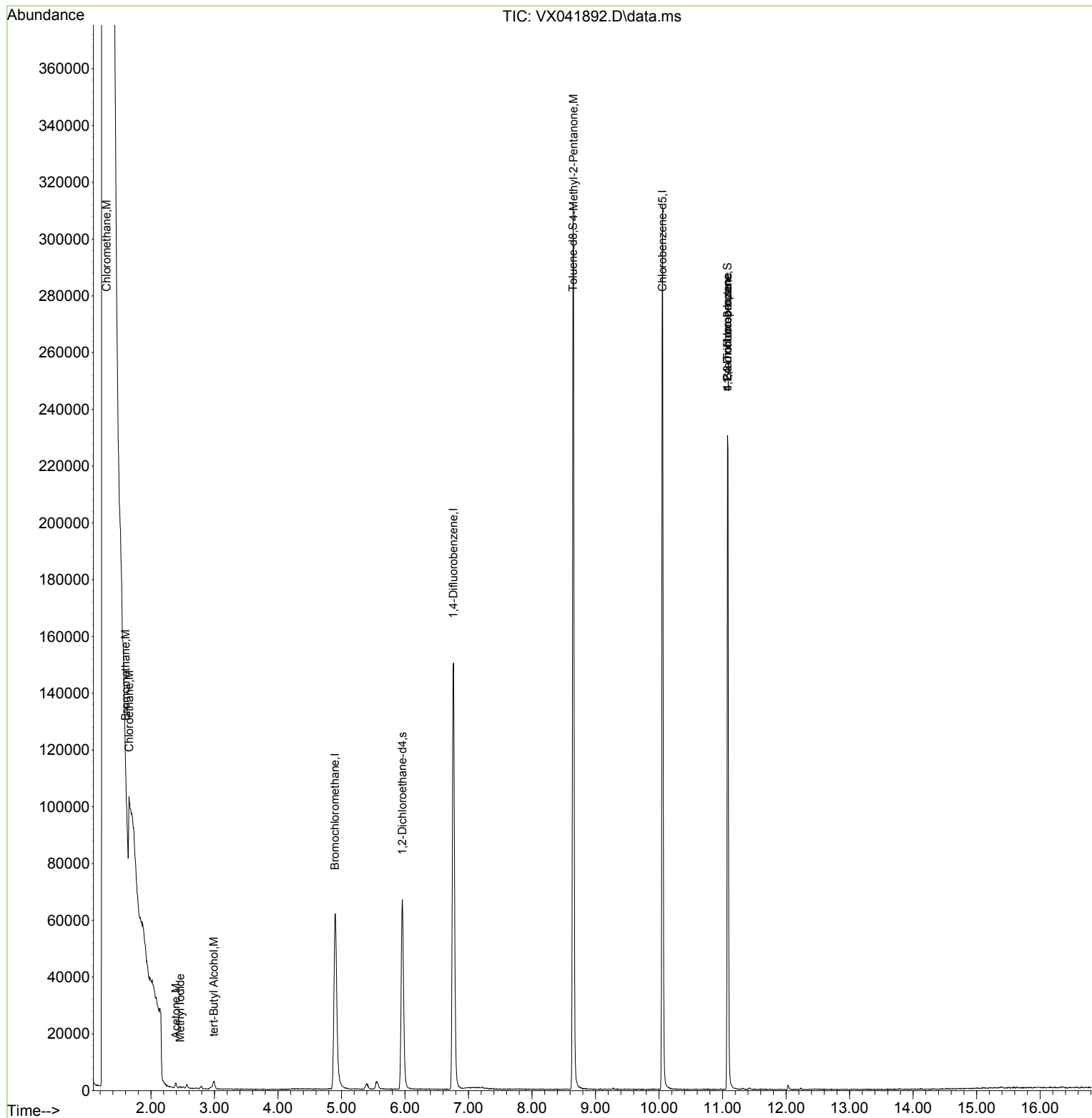
Internal Standards						
1) Bromochloromethane	4.897	128	31853	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	167797	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152205	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	63742	29.070	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.900%
60) 4-Bromofluorobenzene	11.079	95	64072	27.195	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.667%
63) Toluene-d8	8.647	98	197120	30.271	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	16998	7.375	ug/l #	49
5) Bromomethane	1.599	94	422	0.350	ug/l	96
6) Chloroethane	1.654	64	42980	44.630	ug/l #	51
11) Methyl Iodide	2.459	142	538	0.212	ug/l #	56
15) Acetone	2.392	58	609	1.807	ug/l #	66
23) tert-Butyl Alcohol	2.989	59	3710	8.471	ug/l #	100
58) 4-Methyl-2-Pentanone	8.653	43	753	0.276	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	28379	11.924	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	28379	32.232	ug/l #	7

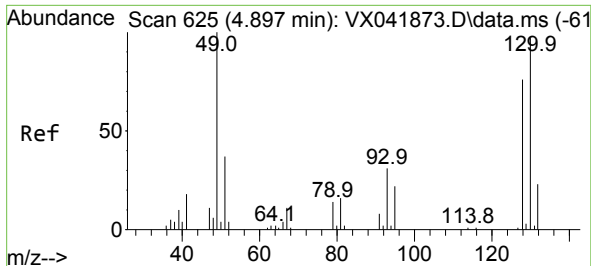
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
Data File : VX041892.D
Acq On : 14 Jun 2024 20:54
Operator : JC/MD
Sample : P2807-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

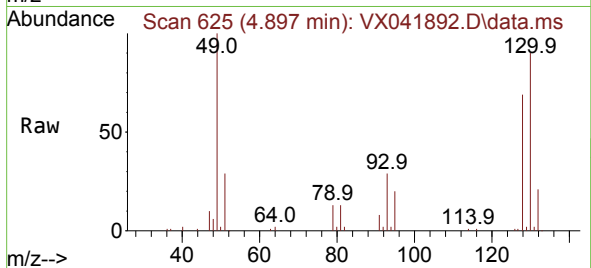
Quant Time: Jun 15 04:17:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration



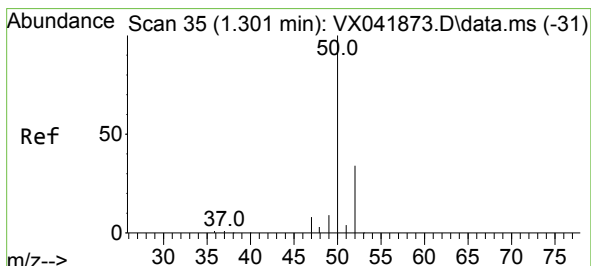
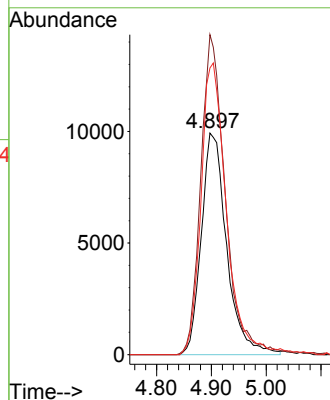
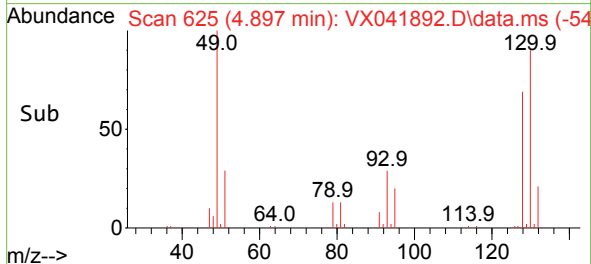


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041892.D
Acq: 14 Jun 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :

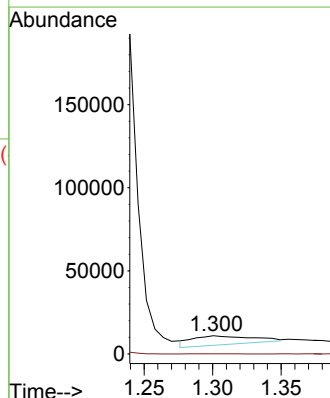
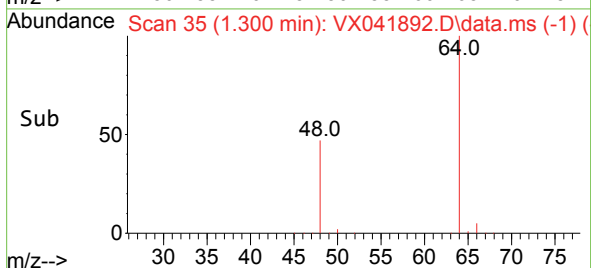
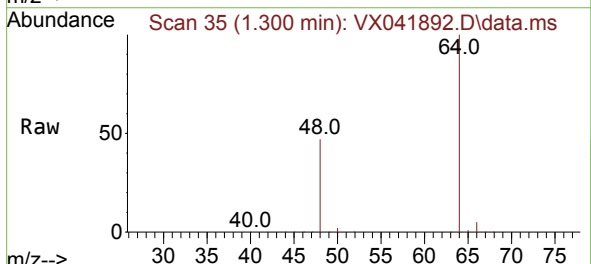


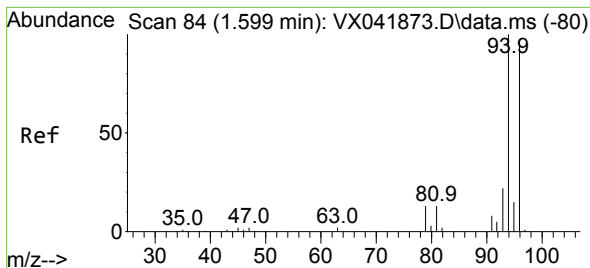
Tgt Ion:128 Resp: 31853
Ion Ratio Lower Upper
128 100
49 137.5 0.0 338.5
130 131.3 0.0 324.5



#3
Chloromethane
Concen: 7.375 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041892.D
Acq: 14 Jun 2024 20:54

Tgt Ion: 50 Resp: 16998
Ion Ratio Lower Upper
50 100
52 4.3 26.9 40.3#





#5

Bromomethane

Concen: 0.350 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041892.D

Acq: 14 Jun 2024 20:54

Instrument :

MSVOA_X

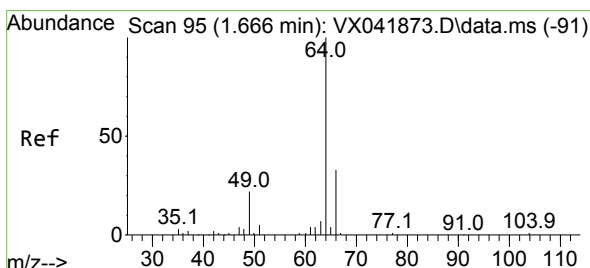
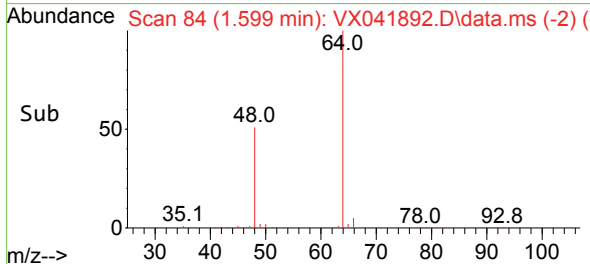
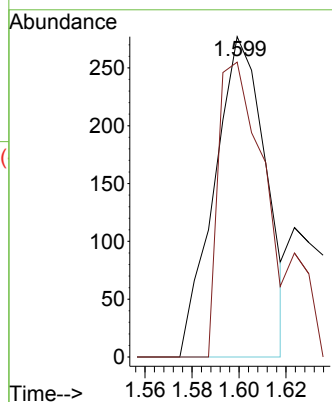
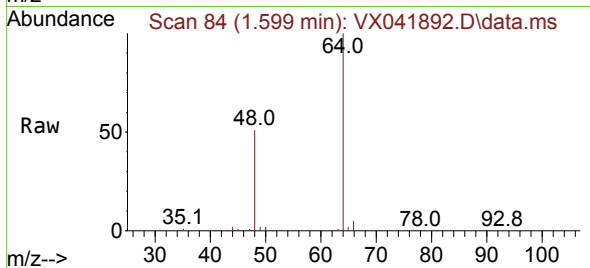
ClientSampleId :

Tgt Ion: 94 Resp: 422

Ion Ratio Lower Upper

94 100

96 92.1 76.6 115.0



#6

Chloroethane

Concen: 44.630 ug/l

RT: 1.654 min Scan# 93

Delta R.T. -0.012 min

Lab File: VX041892.D

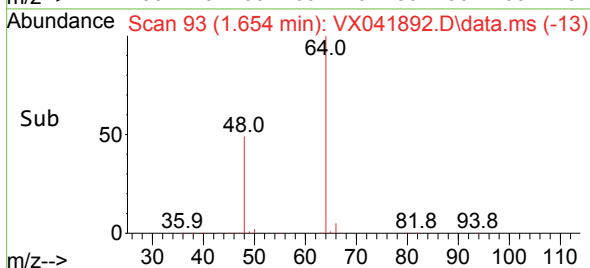
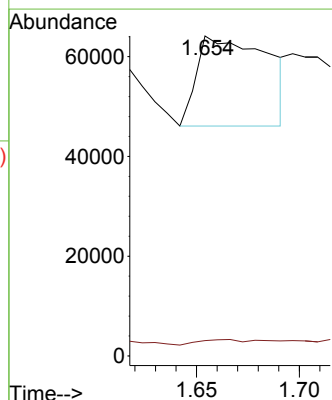
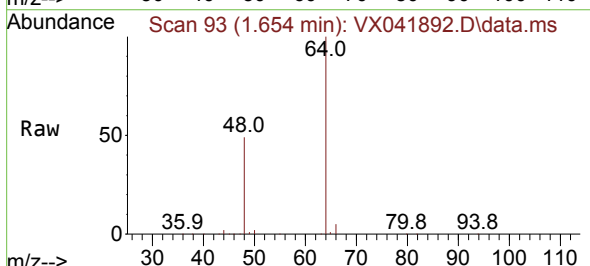
Acq: 14 Jun 2024 20:54

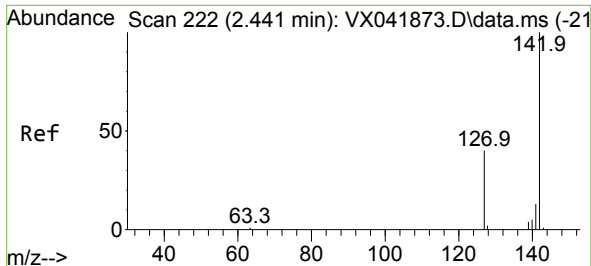
Tgt Ion: 64 Resp: 42980

Ion Ratio Lower Upper

64 100

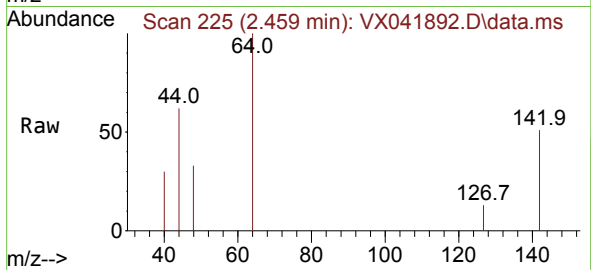
66 5.1 26.4 39.6#



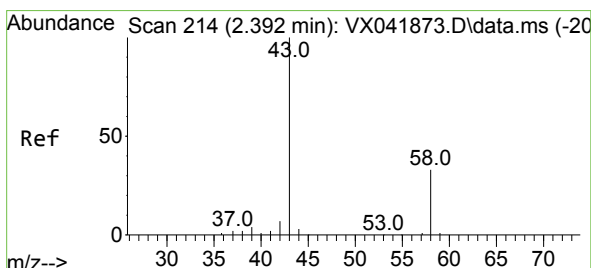
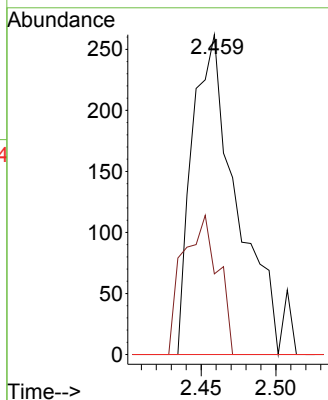
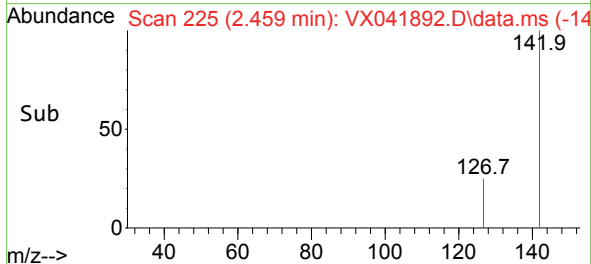


#11
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.459 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX041892.D
Acq: 14 Jun 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :

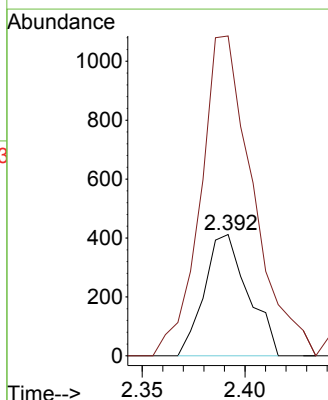
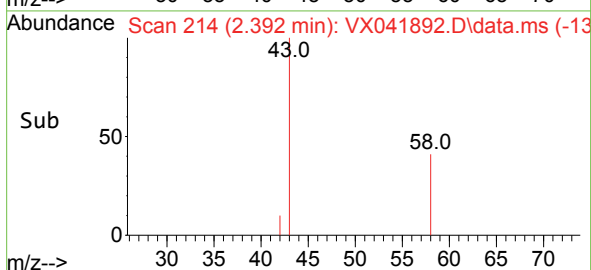
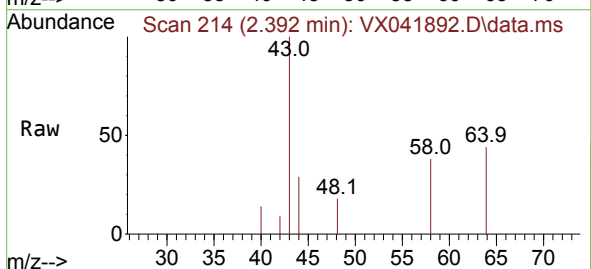


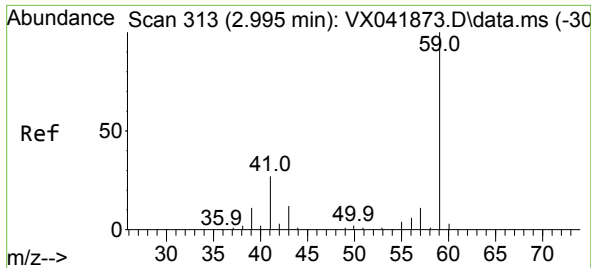
Tgt Ion:142 Resp: 538
Ion Ratio Lower Upper
142 100
127 10.1 19.8 59.3#
141 0.0 6.7 20.1#



#15
Acetone
Concen: 1.807 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041892.D
Acq: 14 Jun 2024 20:54

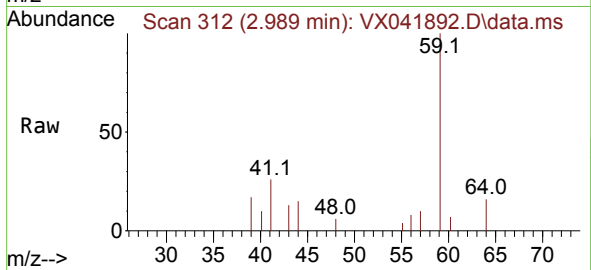
Tgt Ion: 58 Resp: 609
Ion Ratio Lower Upper
58 100
43 236.2 243.4 365.2#



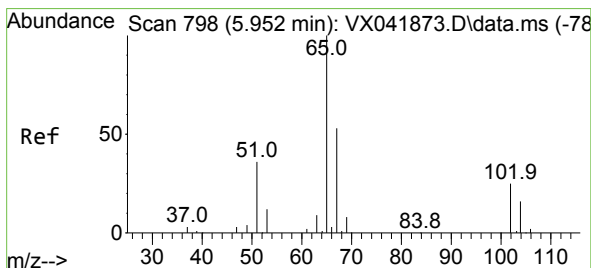
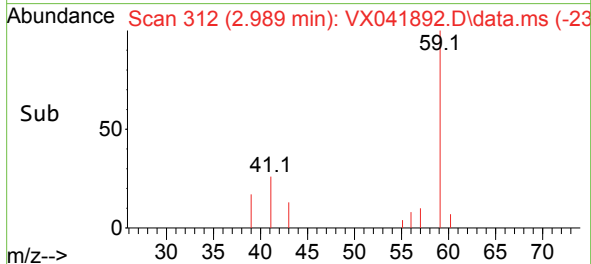
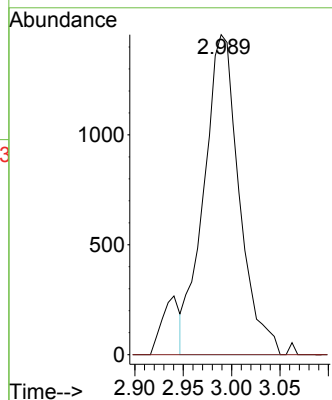


#23
tert-Butyl Alcohol
Concen: 8.471 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX041892.D
Acq: 14 Jun 2024 20:54

Instrument :
MSVOA_X
ClientSampleId :

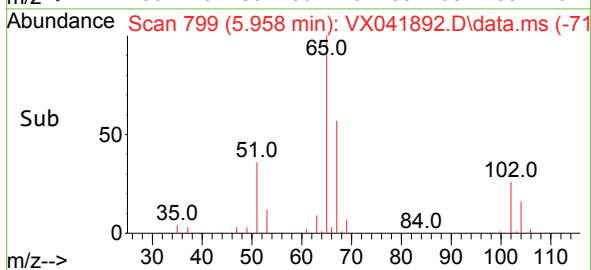
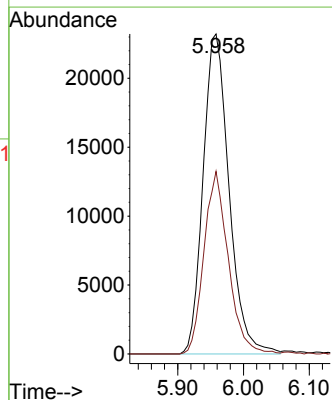
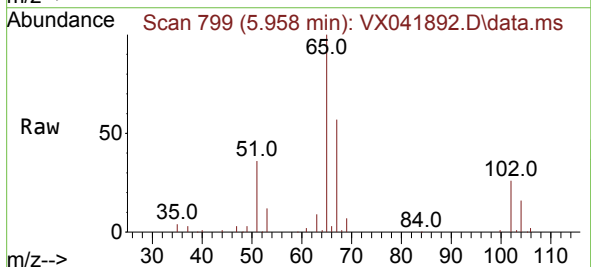


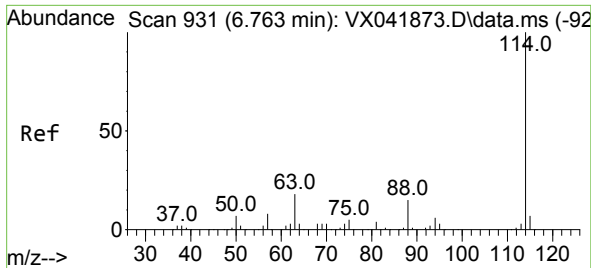
Tgt Ion: 59 Resp: 3710
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 29.070 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041892.D
Acq: 14 Jun 2024 20:54

Tgt Ion: 65 Resp: 63742
Ion Ratio Lower Upper
65 100
67 53.2 43.4 65.0

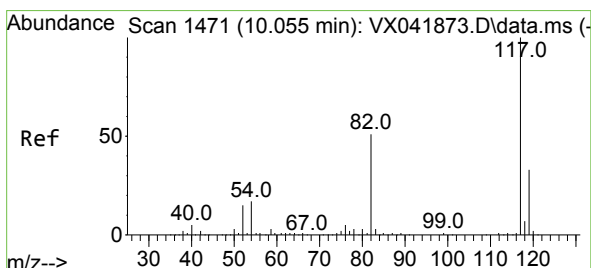
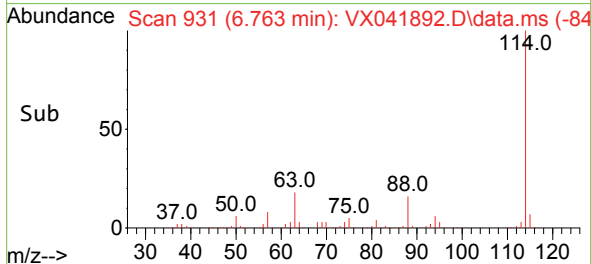
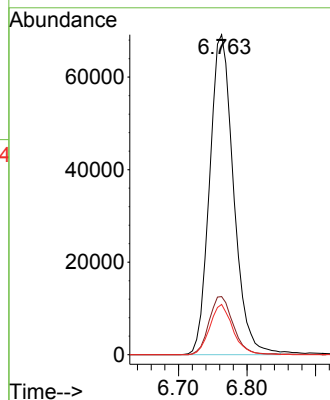
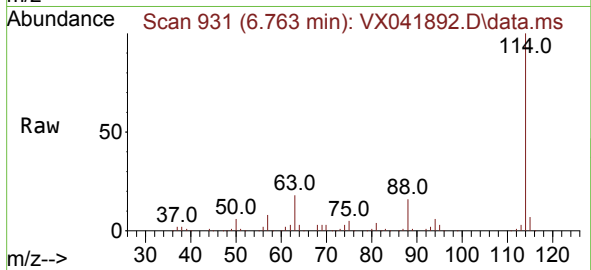




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041892.D
Acq: 14 Jun 2024 20:54

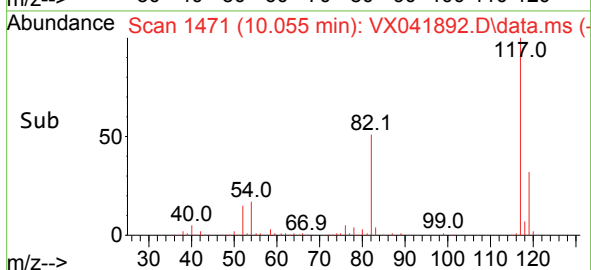
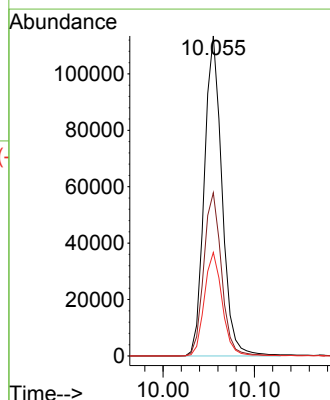
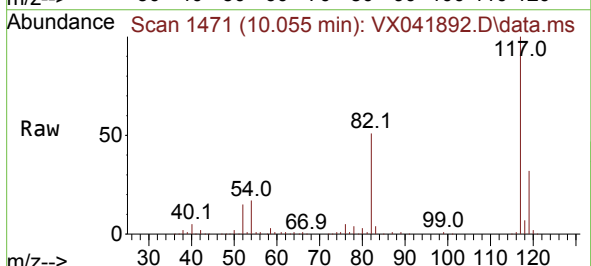
Instrument :
MSVOA_X
ClientSampleId :

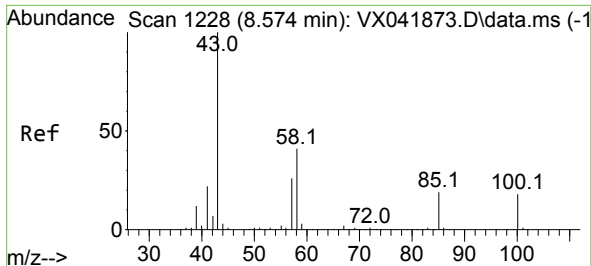
Tgt Ion:114 Resp: 167797
Ion Ratio Lower Upper
114 100
63 18.2 14.6 21.8
88 15.2 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041892.D
Acq: 14 Jun 2024 20:54

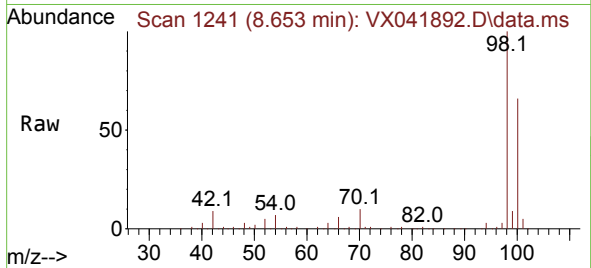
Tgt Ion:117 Resp: 152205
Ion Ratio Lower Upper
117 100
82 51.4 41.1 61.7
119 32.7 26.1 39.1





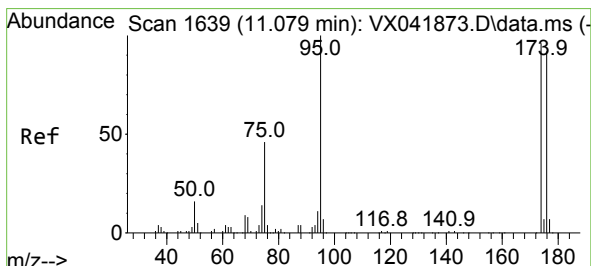
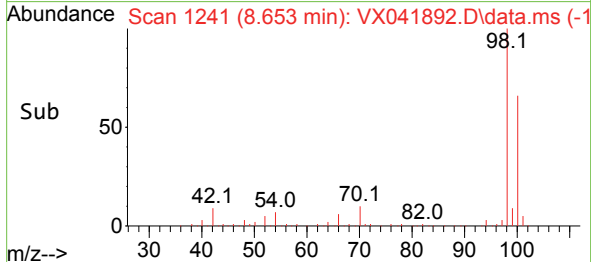
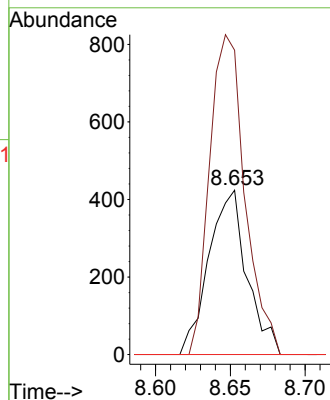
#58
 4-Methyl-2-Pentanone
 Concen: 0.276 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.079 min
 Lab File: VX041892.D
 Acq: 14 Jun 2024 20:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 43 Resp: 753

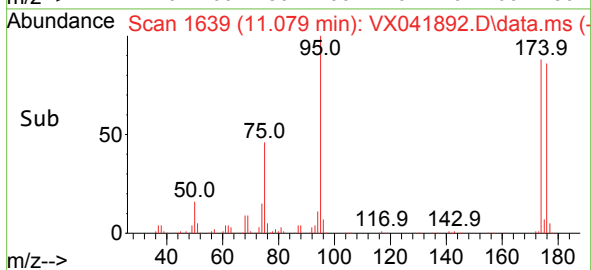
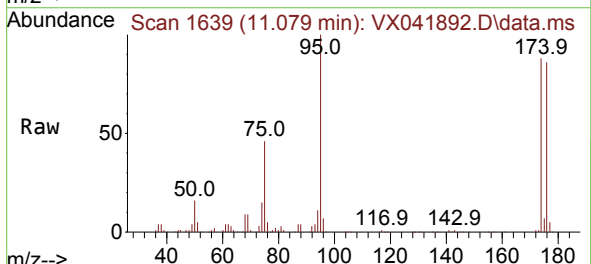
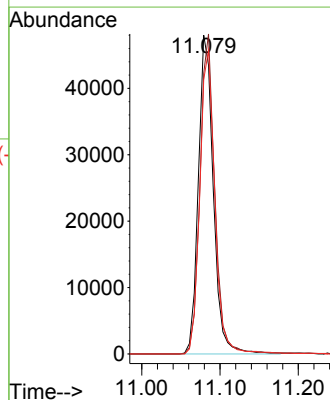
Ion	Ratio	Lower	Upper
43	100		
58	180.5	33.2	49.8#
85	0.0	15.5	23.3#

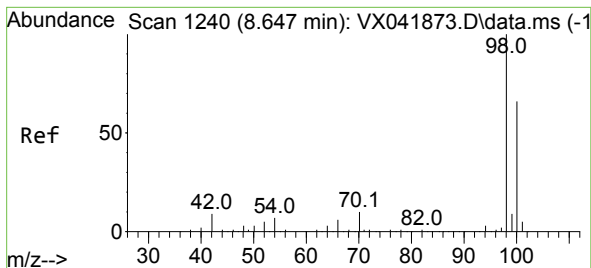


#60
 4-Bromofluorobenzene
 Concen: 27.195 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX041892.D
 Acq: 14 Jun 2024 20:54

Tgt Ion: 95 Resp: 64072

Ion	Ratio	Lower	Upper
95	100		
174	98.5	78.9	118.3
176	94.3	77.1	115.7





#63

Toluene-d8

Concen: 30.271 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041892.D

Acq: 14 Jun 2024 20:54

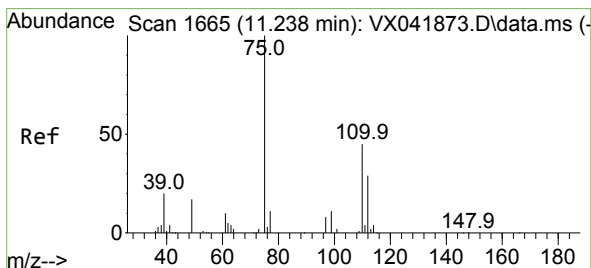
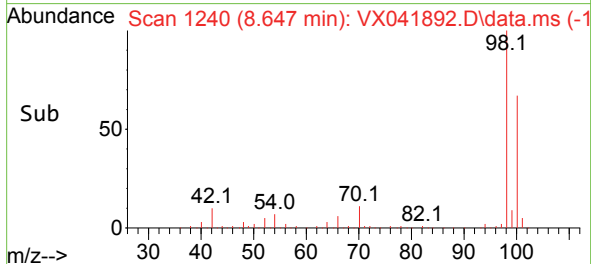
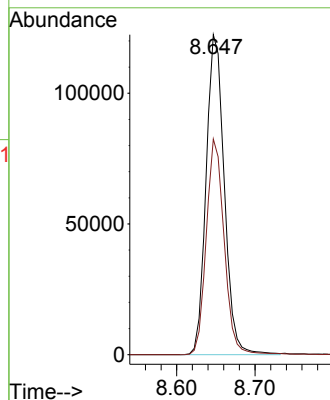
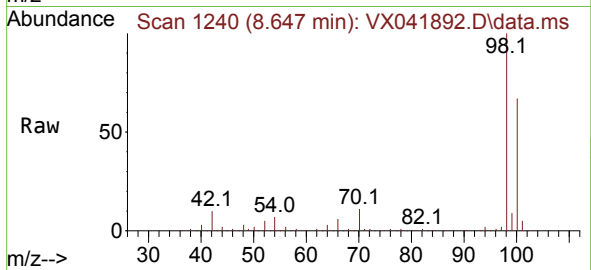
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 98 Resp: 197120

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.7	79.1



#72

1,2,3-Trichloropropane

Concen: 11.924 ug/l

RT: 11.079 min Scan# 1639

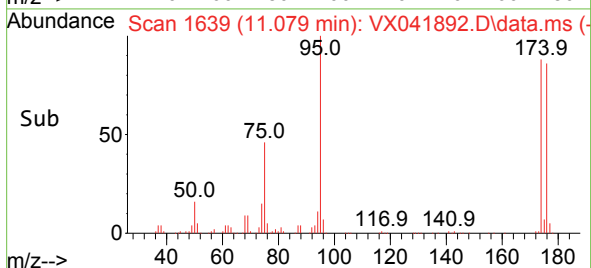
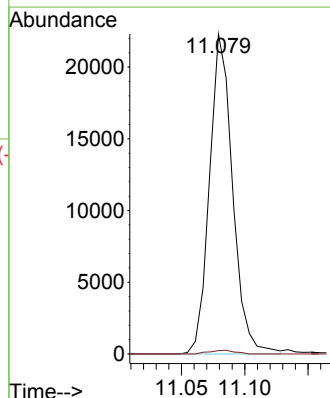
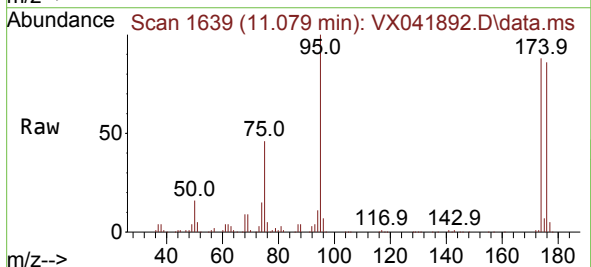
Delta R.T. -0.159 min

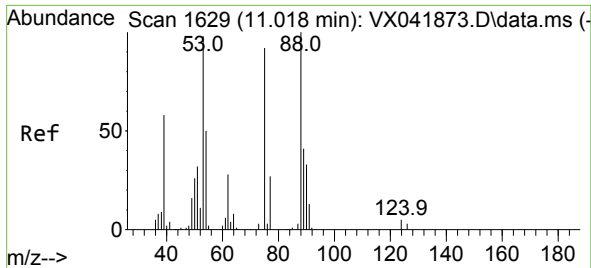
Lab File: VX041892.D

Acq: 14 Jun 2024 20:54

Tgt Ion: 75 Resp: 28379

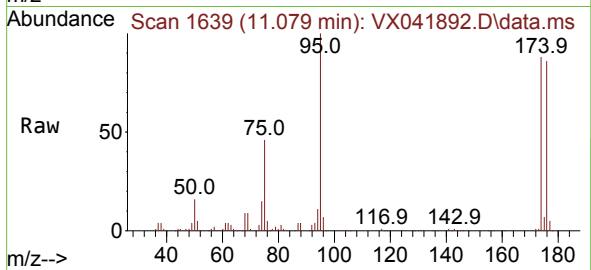
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	79.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 32.232 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041892.D
 Acq: 14 Jun 2024 20:54

Instrument :
 MSVOA_X
 ClientSampleId :



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

