

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033656.D
 Acq On : 09 Jan 2023 11:38
 Operator : JC/MD
 Sample : VX0109WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:44:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

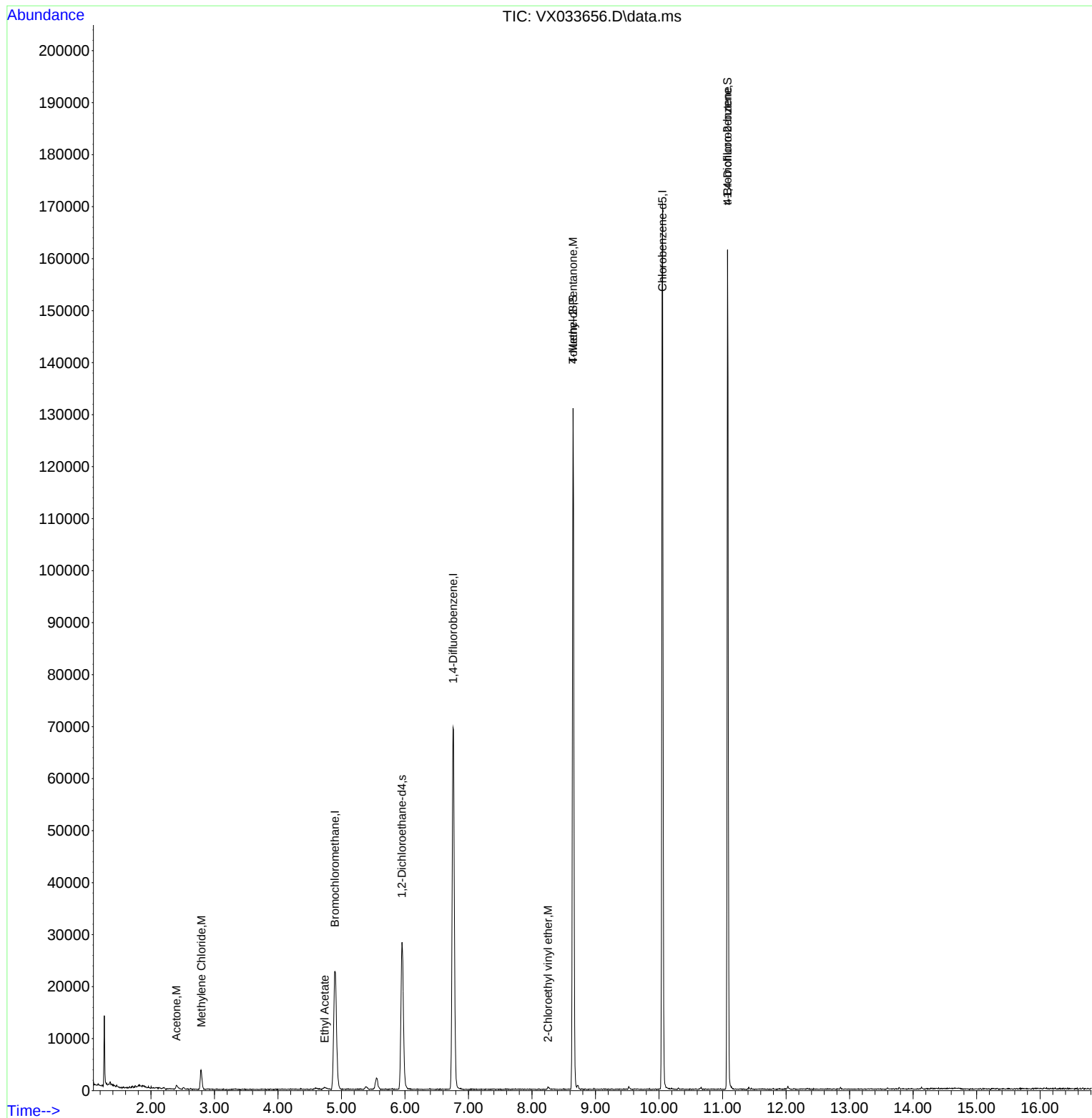
Internal Standards						
1) Bromochloromethane	4.897	128	10648	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	73678	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	78652	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	28259	32.776	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.267%	
60) 4-Bromofluorobenzene	11.079	95	40642	28.670	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.567%	
63) Toluene-d8	8.647	98	76345	30.330	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.100%	
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	221	1.739	ug/l #	14
18) Methylene Chloride	2.794	84	1790	1.571	ug/l	87
43) Ethyl Acetate	4.733	43	963	0.565	ug/l #	71
55) 2-Chloroethyl vinyl ether	8.250	63	190	0.219	ug/l #	43
58) 4-Methyl-2-Pentanone	8.647	43	379	0.243	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	20497	45.279	ug/l #	3

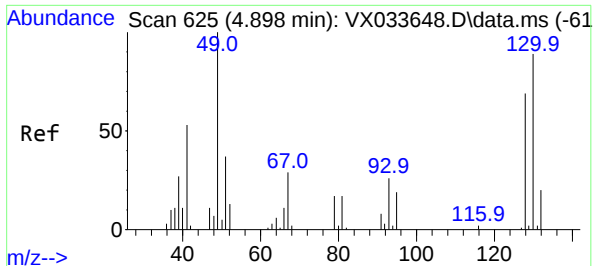
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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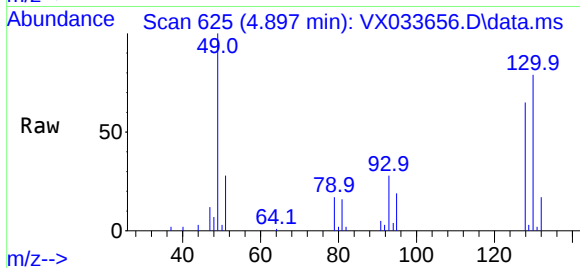
Quant Time: Jan 10 00:44:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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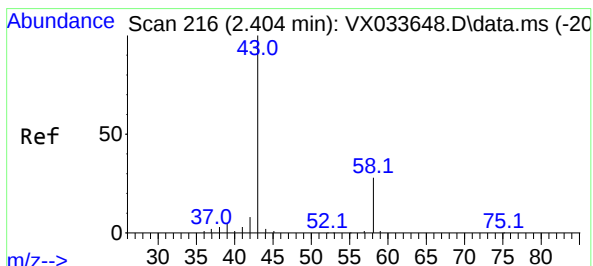
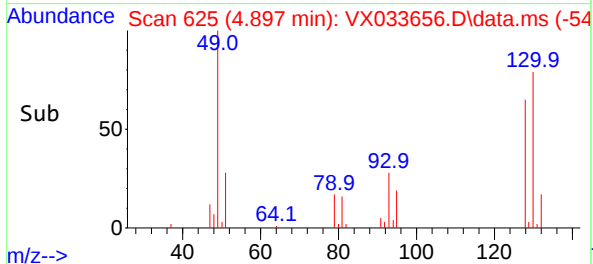
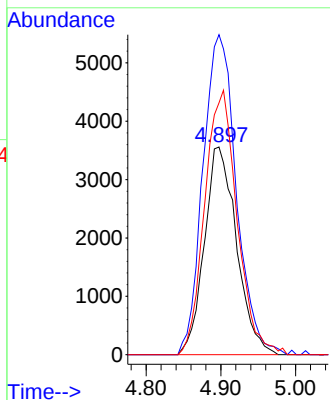


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033656.D
Acq: 09 Jan 2023 11:38

Instrument :
MSVOA_X
ClientSampleId :

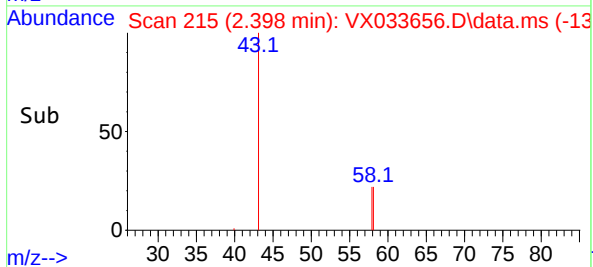
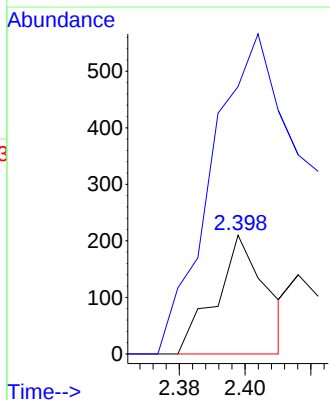
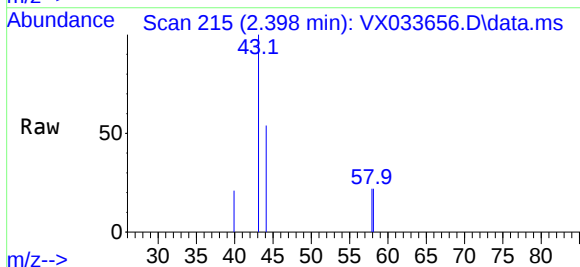


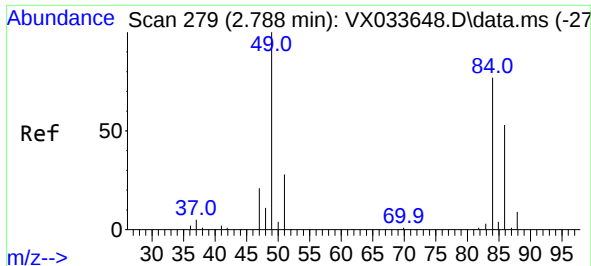
Tgt Ion:128 Resp: 10648
Ion Ratio Lower Upper
128 100
49 159.8 0.0 398.5
130 128.5 0.0 329.0



#15
Acetone
Concen: 1.739 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033656.D
Acq: 09 Jan 2023 11:38

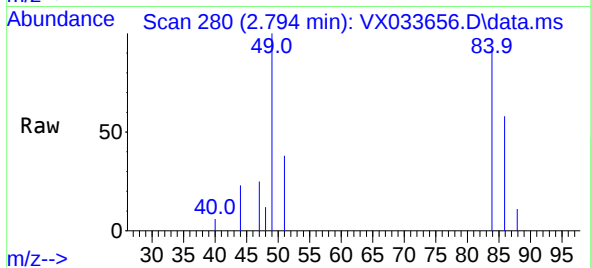
Tgt Ion: 58 Resp: 221
Ion Ratio Lower Upper
58 100
43 169.5 288.3 432.5#





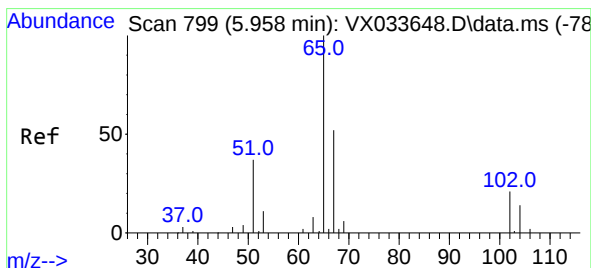
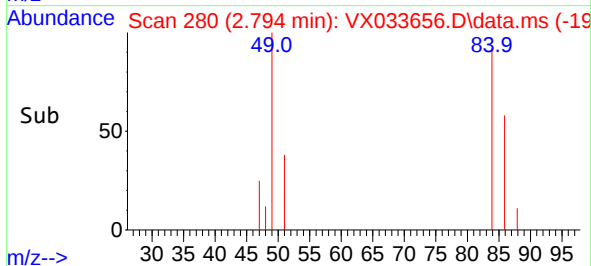
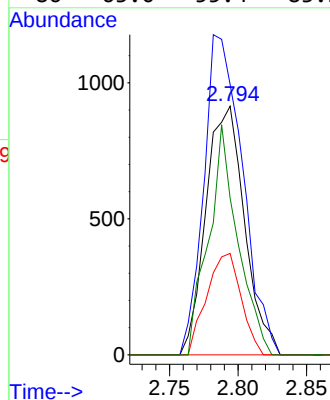
#18
Methylene Chloride
Concen: 1.571 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033656.D
Acq: 09 Jan 2023 11:38

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1790

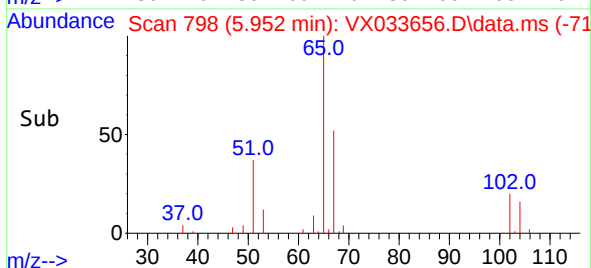
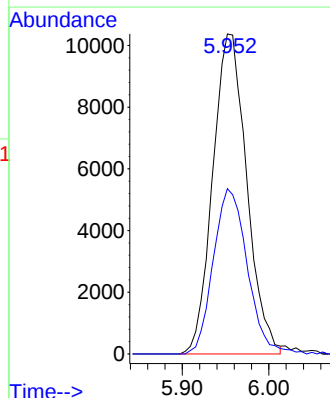
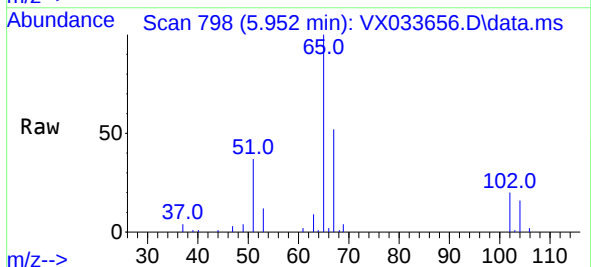
Ion	Ratio	Lower	Upper
84	100		
49	108.8	104.1	156.1
51	40.8	29.2	43.8
86	63.0	55.4	83.2

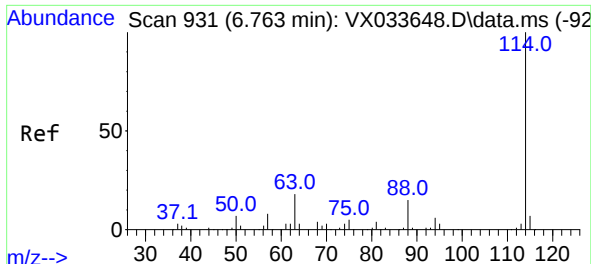


#27
1,2-Dichloroethane-d4
Concen: 32.776 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033656.D
Acq: 09 Jan 2023 11:38

Tgt Ion: 65 Resp: 28259

Ion	Ratio	Lower	Upper
65	100		
67	51.6	40.4	60.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033656.D

Acq: 09 Jan 2023 11:38

Instrument :

MSVOA_X

ClientSampleId :

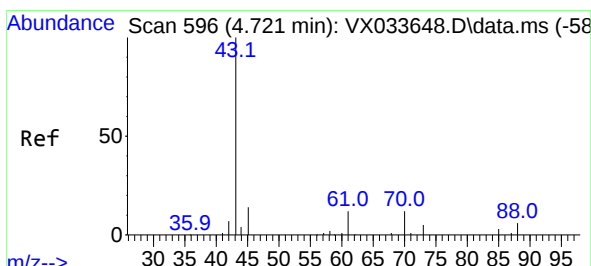
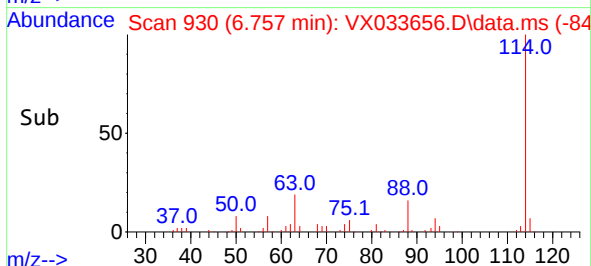
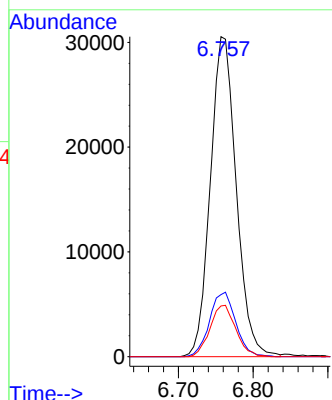
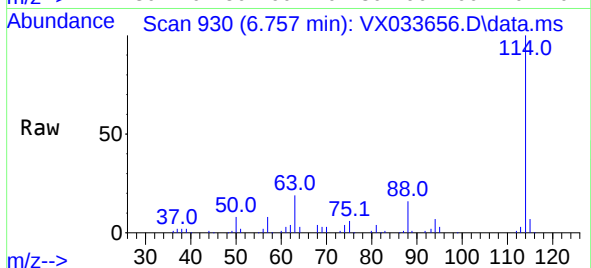
Tgt Ion:114 Resp: 73678

Ion Ratio Lower Upper

114 100

63 20.4 15.5 23.3

88 16.0 12.4 18.6



#43

Ethyl Acetate

Concen: 0.565 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX033656.D

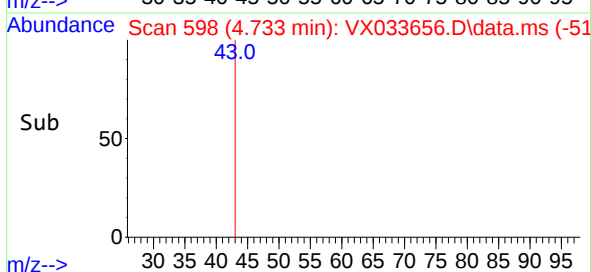
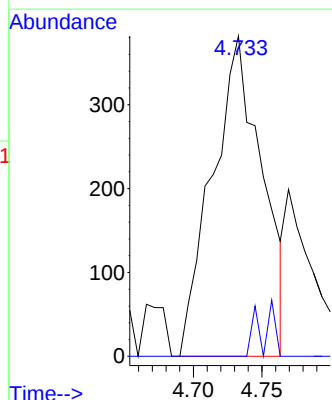
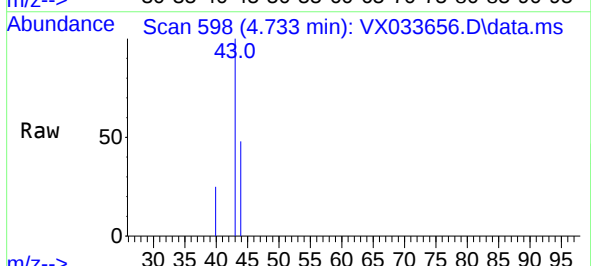
Acq: 09 Jan 2023 11:38

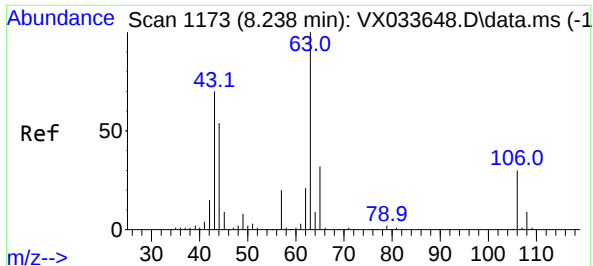
Tgt Ion: 43 Resp: 963

Ion Ratio Lower Upper

43 100

45 2.3 11.2 16.8#

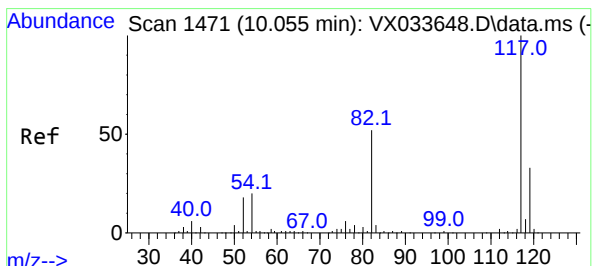
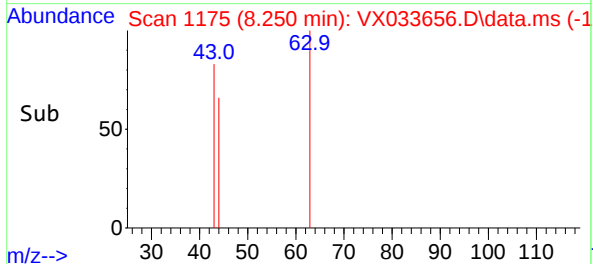
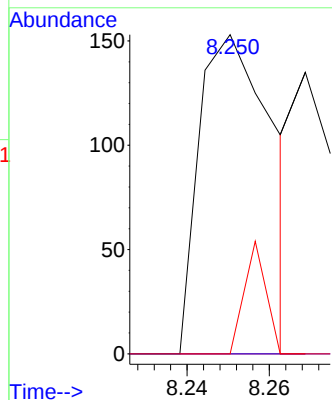
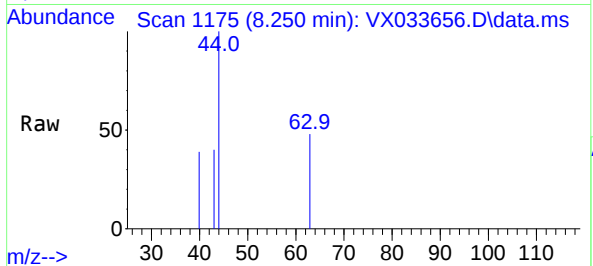




#55
2-Chloroethyl vinyl ether
Concen: 0.219 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX033656.D
Acq: 09 Jan 2023 11:38

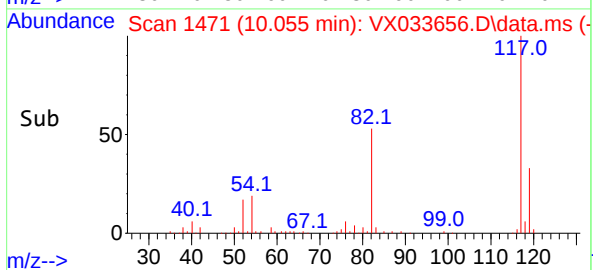
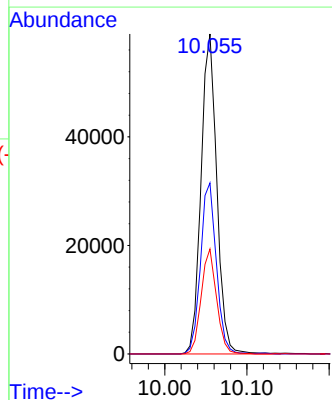
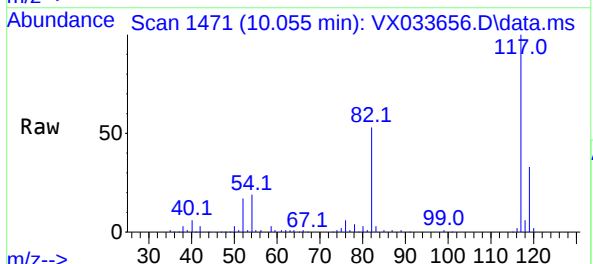
Instrument :
MSVOA_X
ClientSampleId :

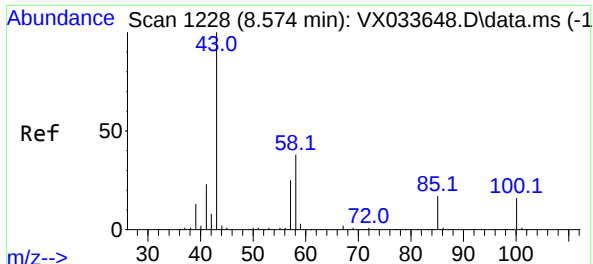
Tgt Ion: 63 Resp: 190
Ion Ratio Lower Upper
63 100
65 0.0 26.2 39.4#
106 0.0 24.0 36.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033656.D
Acq: 09 Jan 2023 11:38

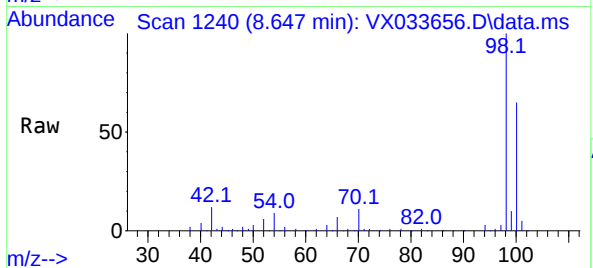
Tgt Ion: 117 Resp: 78652
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 32.0 25.6 38.4



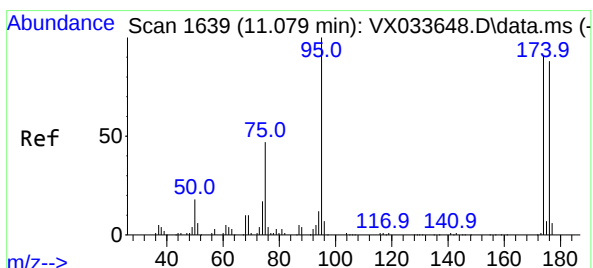
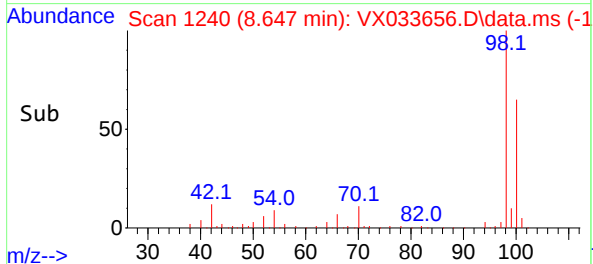
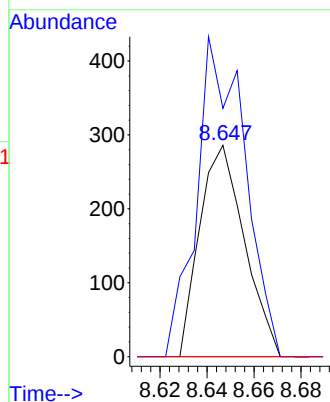


#58
4-Methyl-2-Pentanone
Concen: 0.243 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033656.D
Acq: 09 Jan 2023 11:38

Instrument :
MSVOA_X
ClientSampleId :

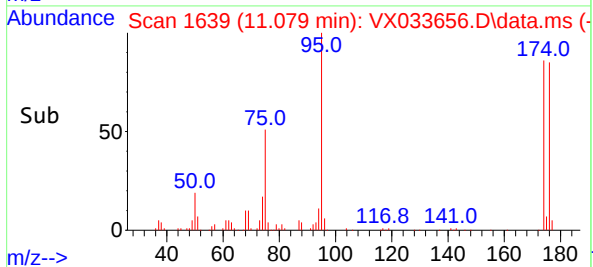
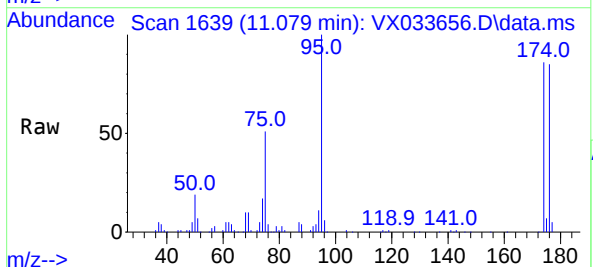
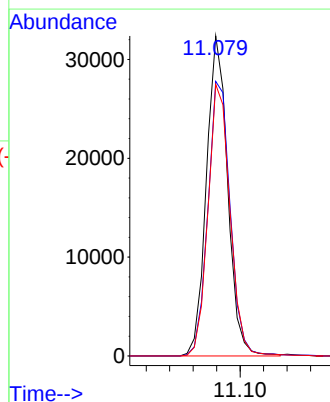


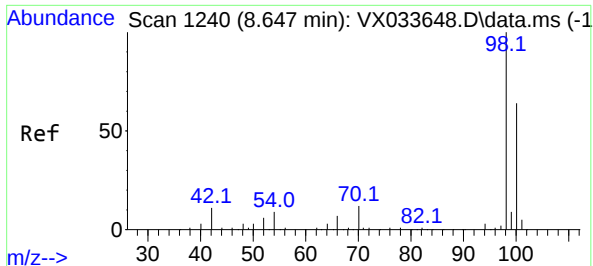
Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 162.0 30.2 45.4#
85 0.0 13.8 20.8#



#60
4-Bromofluorobenzene
Concen: 28.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033656.D
Acq: 09 Jan 2023 11:38

Tgt Ion: 95 Resp: 40642
Ion Ratio Lower Upper
95 100
174 90.3 73.7 110.5
176 87.8 71.0 106.4





#63

Toluene-d8

Concen: 30.330 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033656.D

Acq: 09 Jan 2023 11:38

Instrument :

MSVOA_X

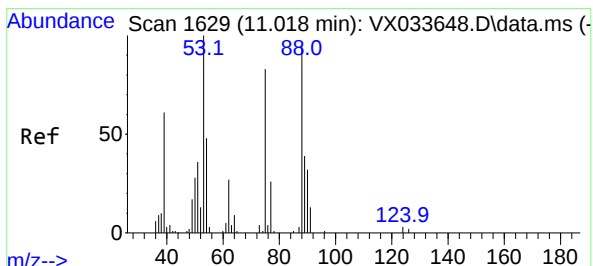
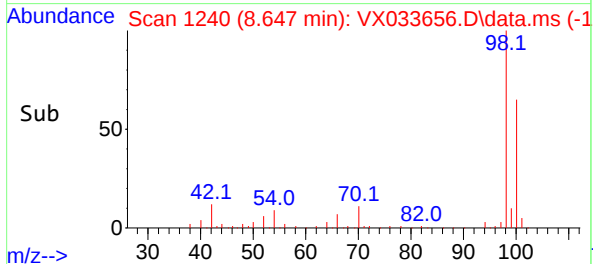
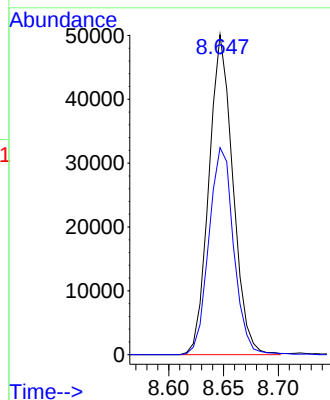
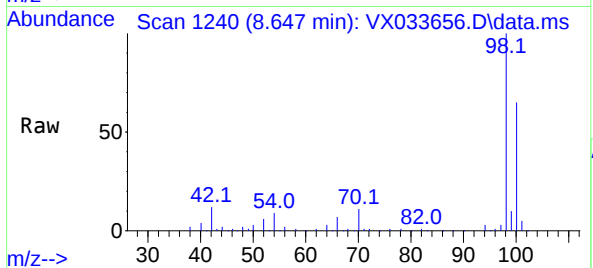
ClientSampleId :

Tgt Ion: 98 Resp: 76345

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7



#77

t-1,4-Dichloro-2-butene

Concen: 45.279 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033656.D

Acq: 09 Jan 2023 11:38

Tgt Ion: 75 Resp: 20497

Ion Ratio Lower Upper

75 100

53 0.0 60.2 180.6#

89 0.0 23.2 69.6#

