

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
 Data File : VX033707.D
 Acq On : 12 Jan 2023 12:49
 Operator : JC/MD
 Sample : 01131-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230111038-08-TRIP-BLANK

Quant Time: Jan 13 00:01:42 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)

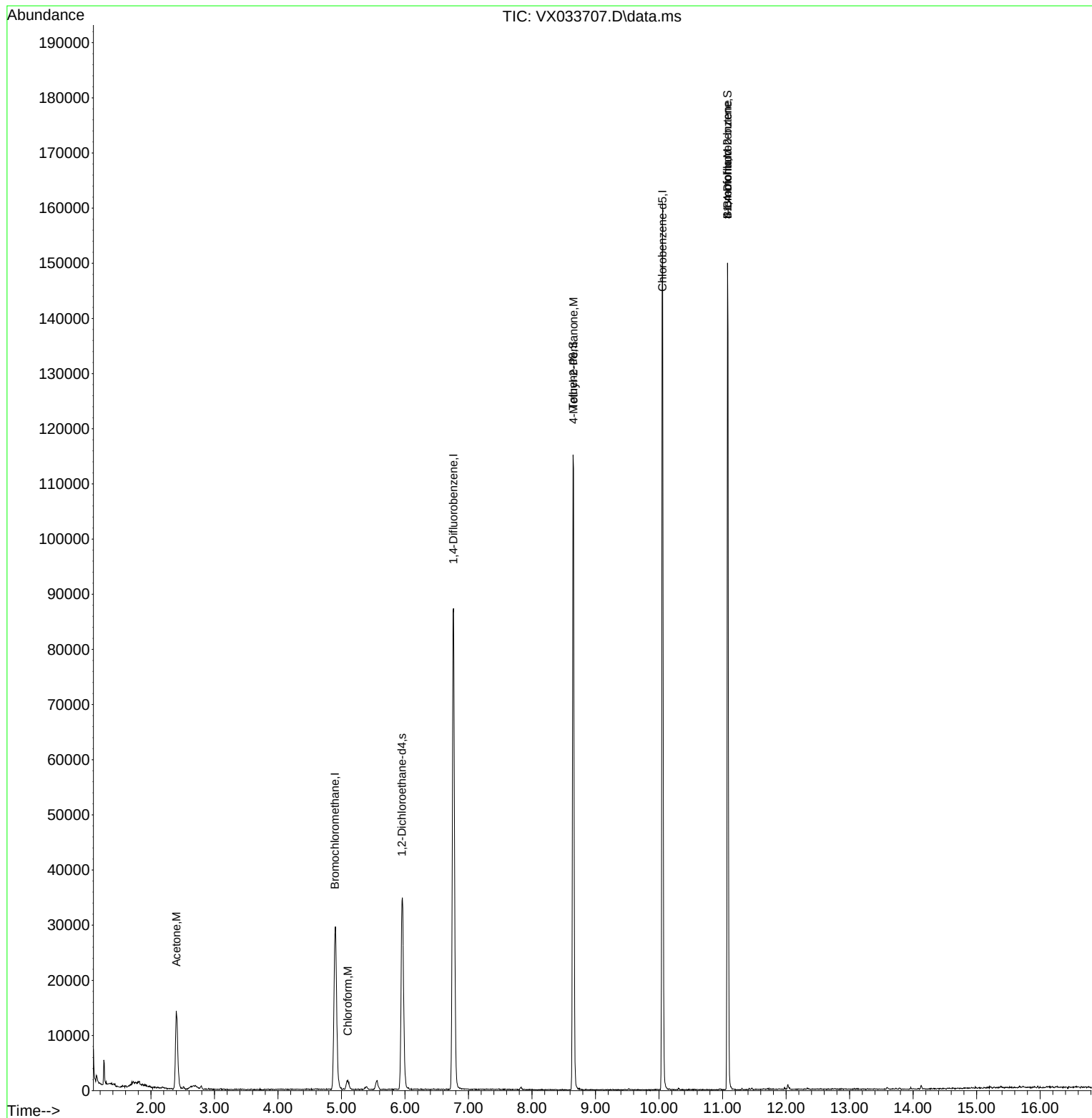
Internal Standards						
1) Bromochloromethane	4.897	128	13486	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	92998	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	70971	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	34784	31.854	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.167%	
60) 4-Bromofluorobenzene	11.079	95	36284	28.366	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.567%	
63) Toluene-d8	8.647	98	68232	30.041	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.133%	
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	6908	42.916	ug/l	77
25) Chloroform	5.098	83	2231	0.847	ug/l	93
56) Bromoform	11.079	173	404	0.317	ug/l #	1
58) 4-Methyl-2-Pentanone	8.653	43	288	0.204	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	20103	49.215	ug/l #	3

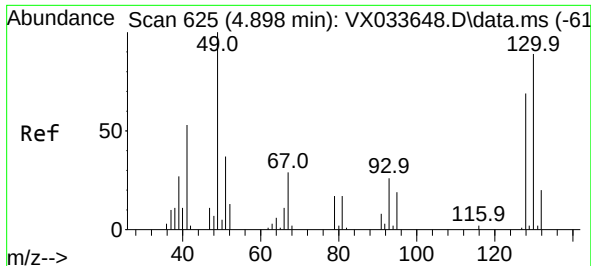
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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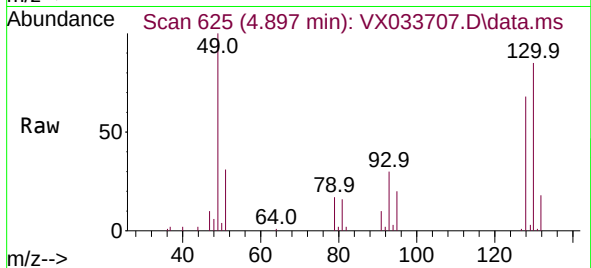
Quant Time: Jan 13 00:01:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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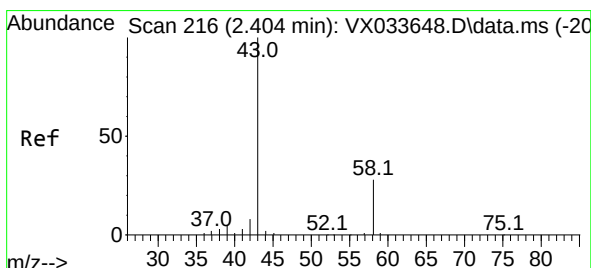
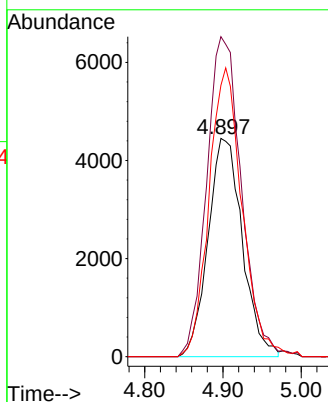
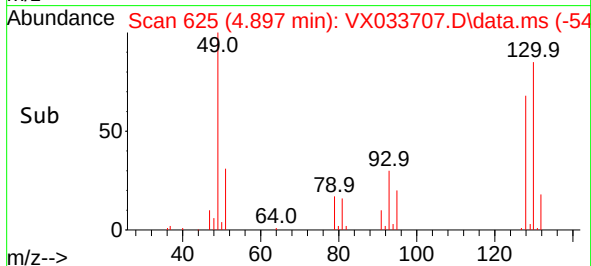


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033707.D
Acq: 12 Jan 2023 12:49

Instrument :
MSVOA_X
ClientSampleId :
230111038-08-TRIP-BLANK

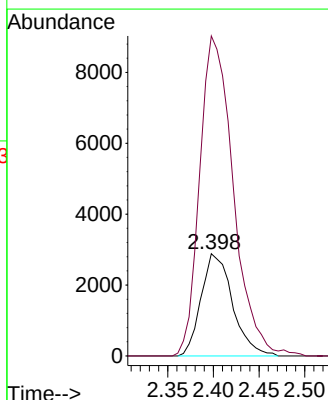
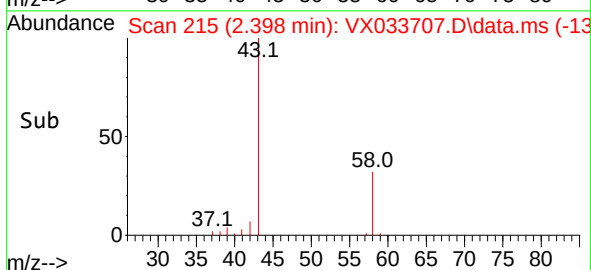
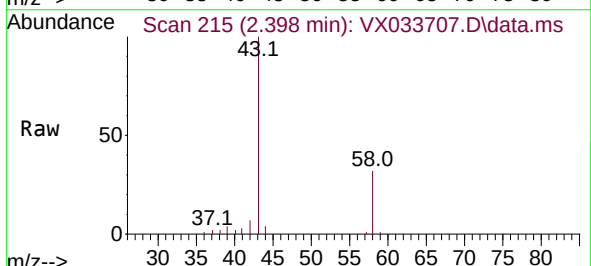


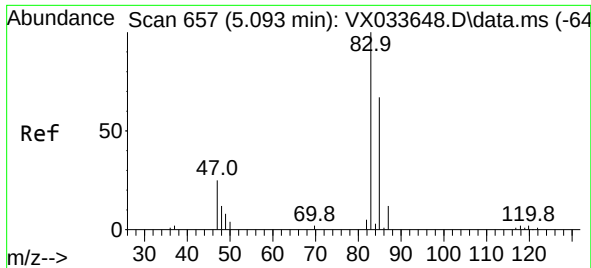
Tgt Ion:	128	Resp:	13486
Ion	Ratio	Lower	Upper
128	100		
49	148.4	0.0	398.5
130	128.1	0.0	329.0



#15
Acetone
Concen: 42.916 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033707.D
Acq: 12 Jan 2023 12:49

Tgt Ion:	58	Resp:	6908
Ion	Ratio	Lower	Upper
58	100		
43	310.2	288.3	432.5

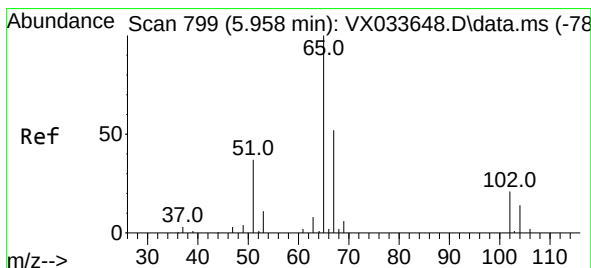
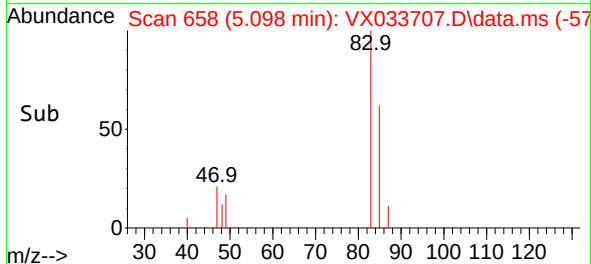
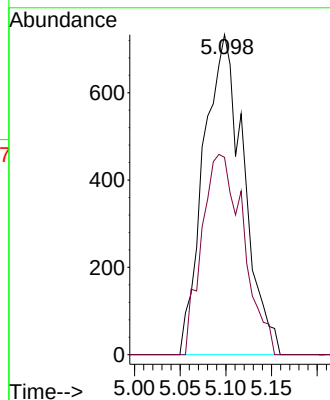
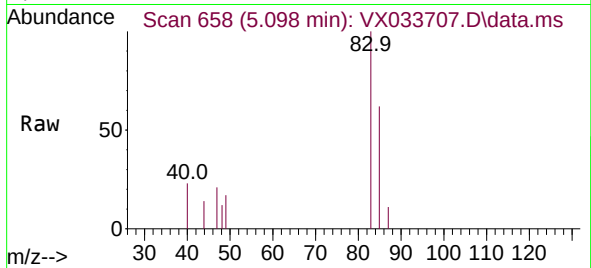




#25
Chloroform
Concen: 0.847 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033707.D
Acq: 12 Jan 2023 12:49

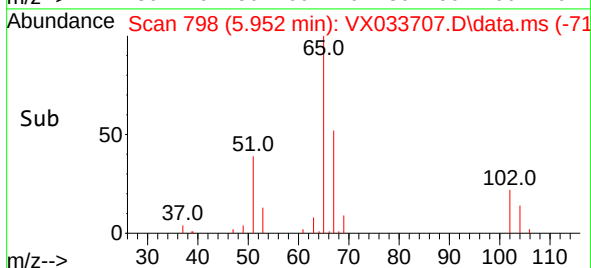
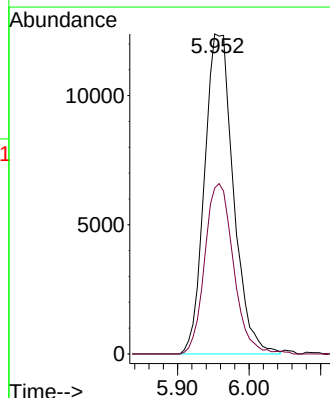
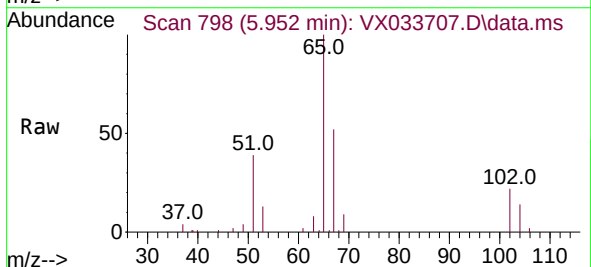
Instrument :
MSVOA_X
ClientSampleId :
230111038-08-TRIP-BLANK

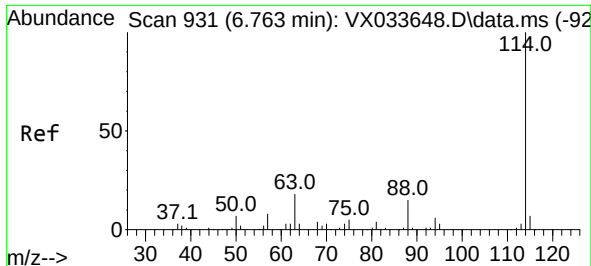
Tgt Ion: 83 Resp: 2231
Ion Ratio Lower Upper
83 100
85 61.7 53.9 80.9



#27
1,2-Dichloroethane-d4
Concen: 31.854 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033707.D
Acq: 12 Jan 2023 12:49

Tgt Ion: 65 Resp: 34784
Ion Ratio Lower Upper
65 100
67 52.5 40.4 60.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX033707.D

Acq: 12 Jan 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

230111038-08-TRIP-BLANK

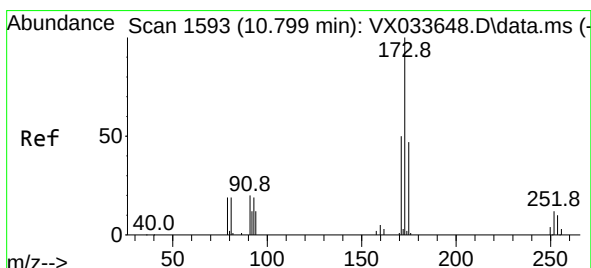
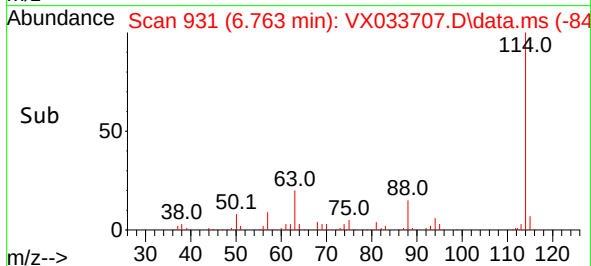
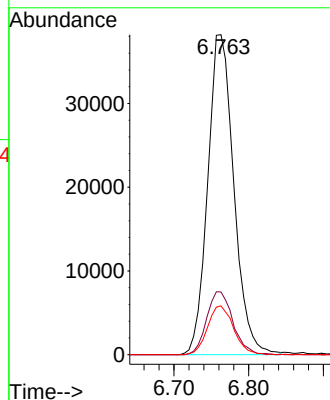
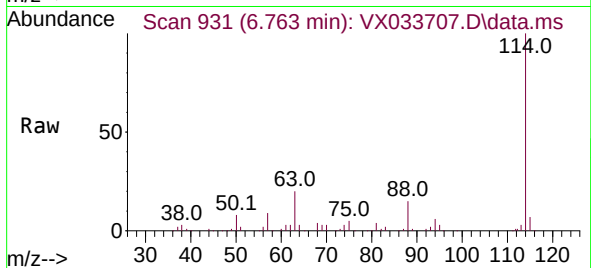
Tgt Ion:114 Resp: 92998

Ion Ratio Lower Upper

114 100

63 19.7 15.5 23.3

88 15.2 12.4 18.6



#56

Bromoform

Concen: 0.317 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.280 min

Lab File: VX033707.D

Acq: 12 Jan 2023 12:49

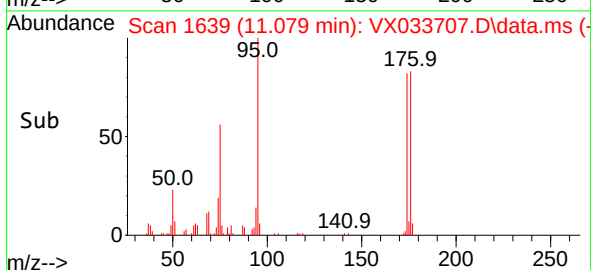
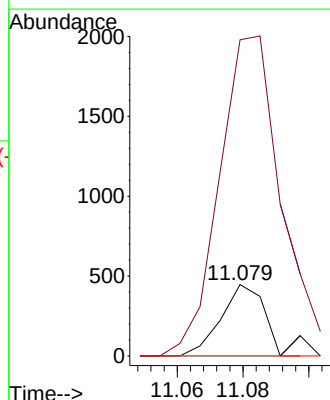
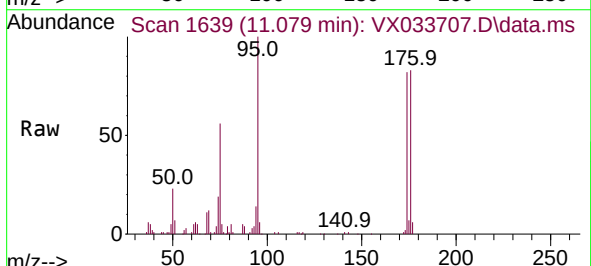
Tgt Ion:173 Resp: 404

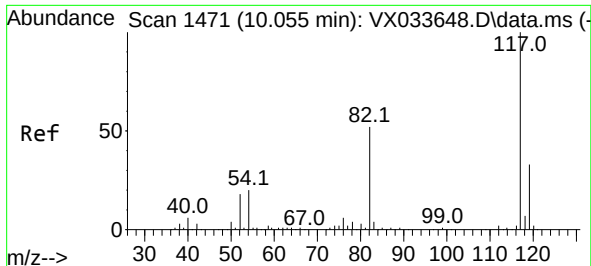
Ion Ratio Lower Upper

173 100

175 645.8 38.2 57.4#

254 0.0 8.6 13.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033707.D

Acq: 12 Jan 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

230111038-08-TRIP-BLANK

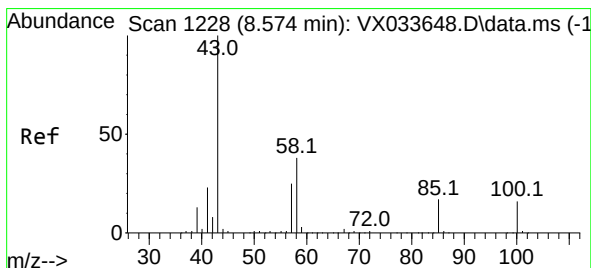
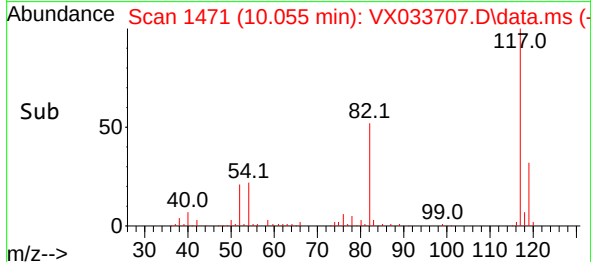
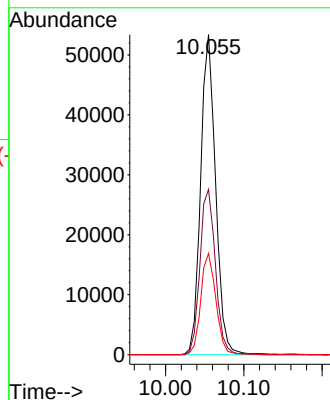
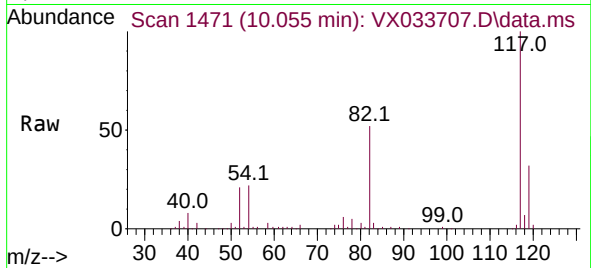
Tgt Ion:117 Resp: 70971

Ion Ratio Lower Upper

117 100

82 53.5 41.9 62.9

119 31.8 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 0.204 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX033707.D

Acq: 12 Jan 2023 12:49

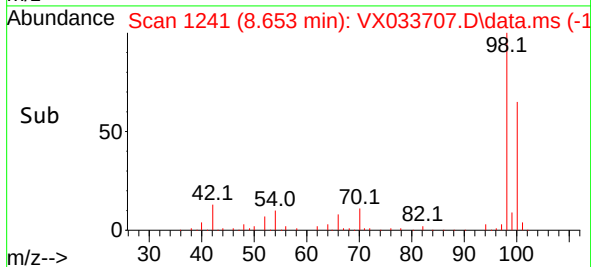
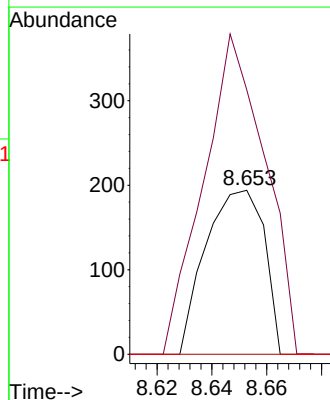
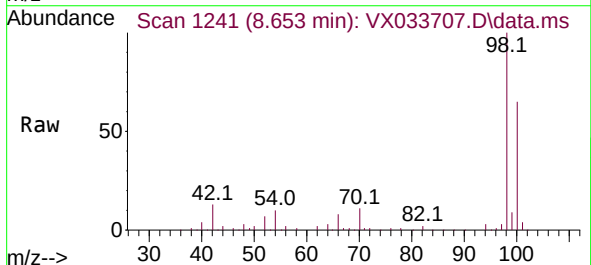
Tgt Ion: 43 Resp: 288

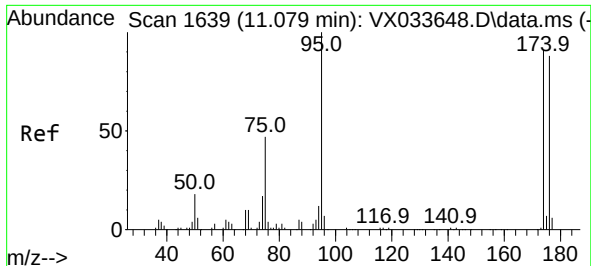
Ion Ratio Lower Upper

43 100

58 205.2 30.2 45.4#

85 0.0 13.8 20.8#

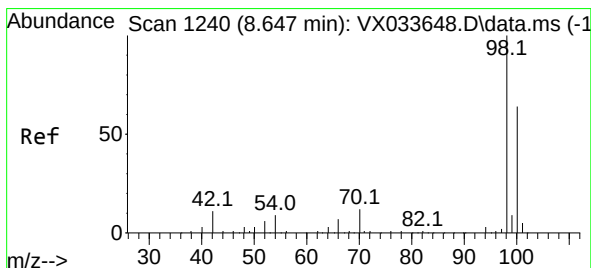
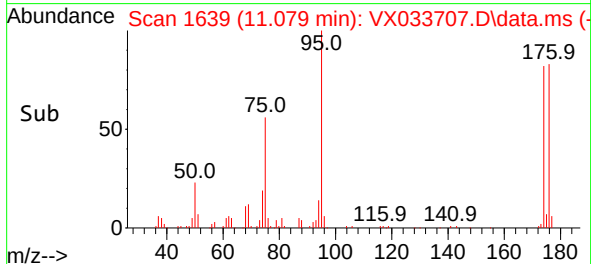
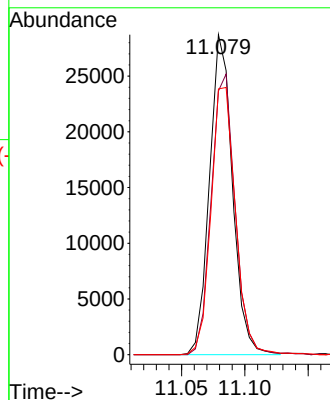
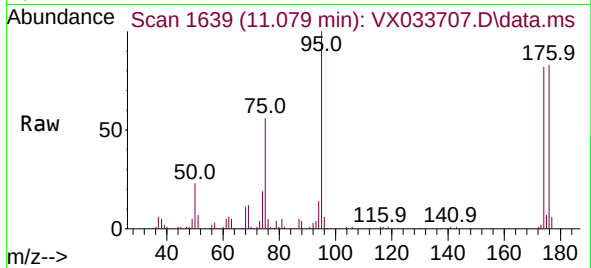




#60
4-Bromofluorobenzene
Concen: 28.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033707.D
Acq: 12 Jan 2023 12:49

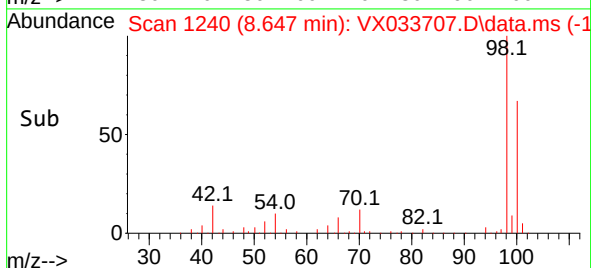
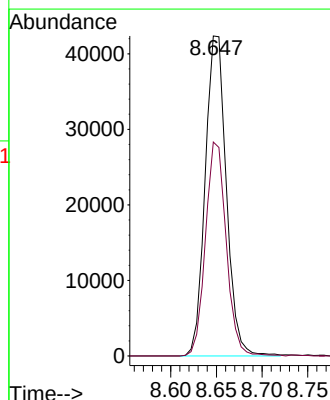
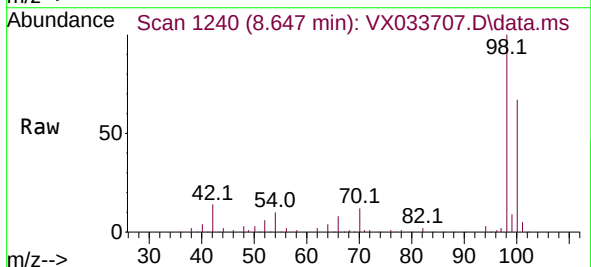
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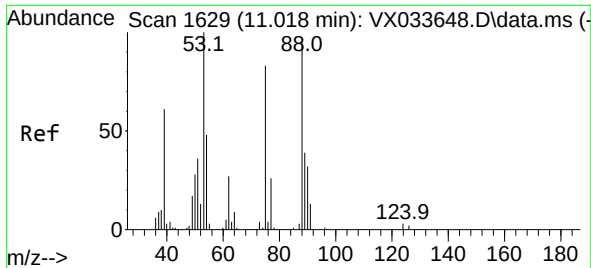
Tgt Ion: 95 Resp: 36284
Ion Ratio Lower Upper
95 100
174 91.1 73.7 110.5
176 88.9 71.0 106.4



#63
Toluene-d8
Concen: 30.041 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033707.D
Acq: 12 Jan 2023 12:49

Tgt Ion: 98 Resp: 68232
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#77

t-1,4-Dichloro-2-butene

Concen: 49.215 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX033707.D

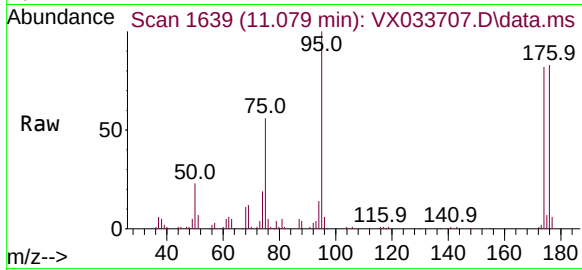
Acq: 12 Jan 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

230111038-08-TRIP-BLANK



Tgt Ion: 75 Resp: 20103

Ion Ratio Lower Upper

75 100

53 0.0 60.2 180.6#

89 0.0 23.2 69.6#

