

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041530.D
 Acq On : 15 May 2024 11:09
 Operator : JC/MD
 Sample : VX0515WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL01

Quant Time: May 16 06:13:42 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)

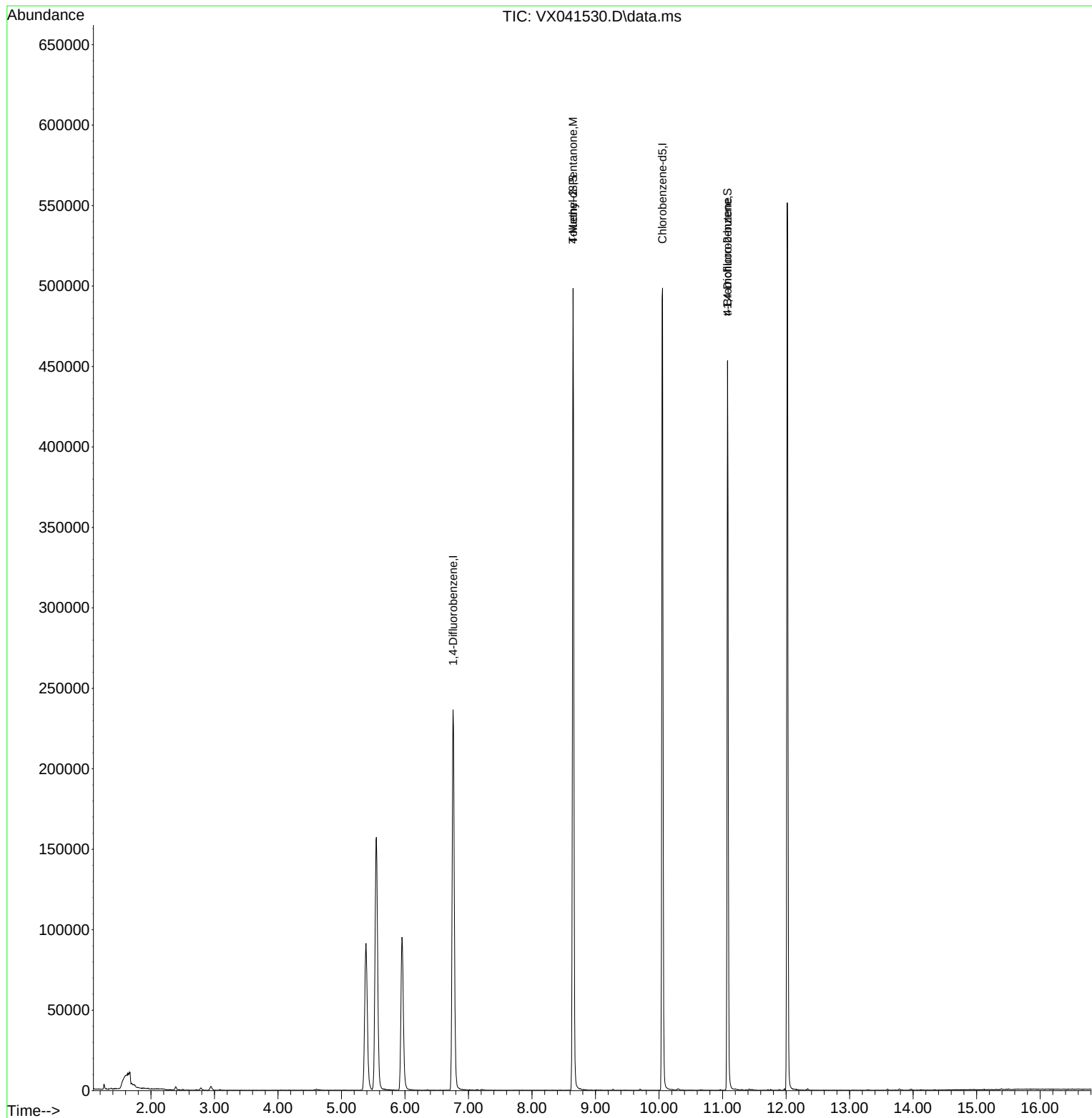
Internal Standards						
1) Bromochloromethane	0.000	128	0	0.000	ug/l	-4.90
28) 1,4-Difluorobenzene	6.757	114	251732	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	241713	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	94230	0.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	0.000%#
60) 4-Bromofluorobenzene	11.079	95	110168	29.197	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.333%
63) Toluene-d8	8.647	98	291254	28.110	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.700%
Target Compounds						
					Qvalue	
58) 4-Methyl-2-Pentanone	8.647	43	1400	0.317	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	56213	43.458	ug/l #	1

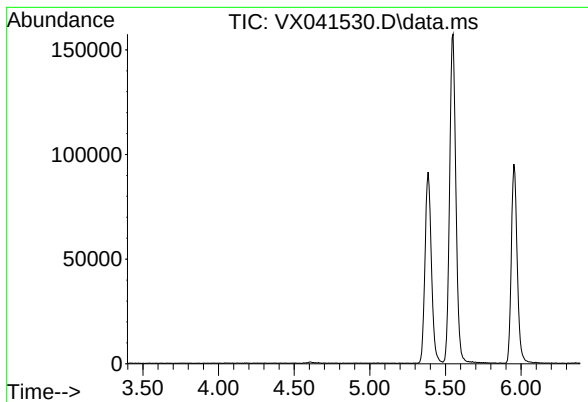
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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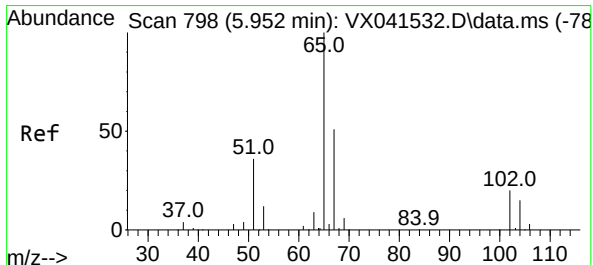
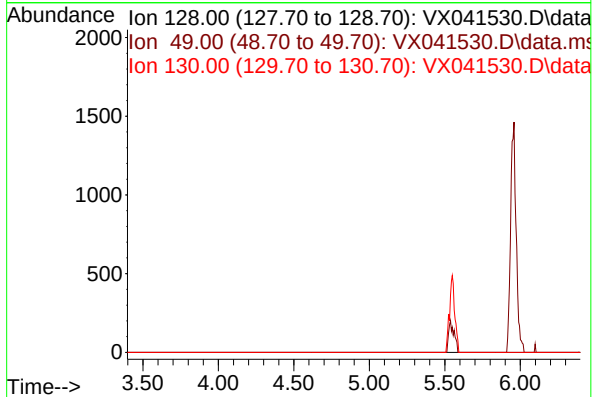


#1
 Bromochloromethane
 Concen: 0.000 ug/l
 Expected RT: 4.90 min
 Lab File: VX041530.D
 Acq: 15 May 2024 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL01

Tgt Ion: 128

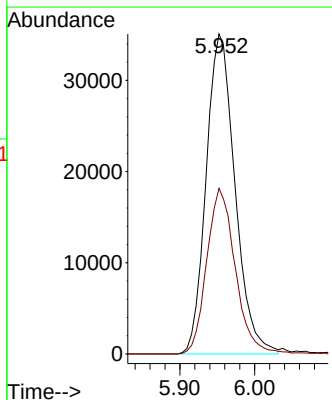
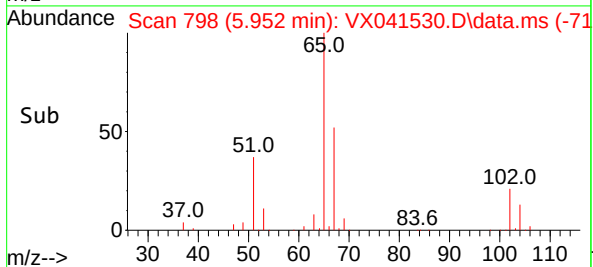
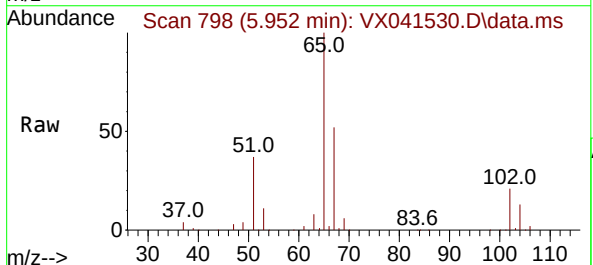
Sig	Exp Ratio
128	100
49	144.6
130	129.7

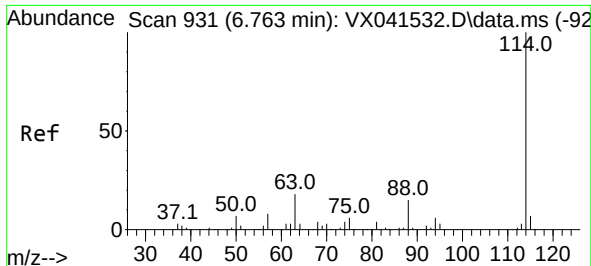


#27
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041530.D
 Acq: 15 May 2024 11:09

Tgt Ion: 65 Resp: 94230

Ion	Ratio	Lower	Upper
65	100		
67	51.1	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: VX041530.D

Acq: 15 May 2024 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBL01

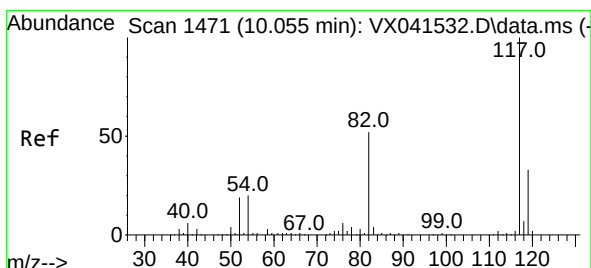
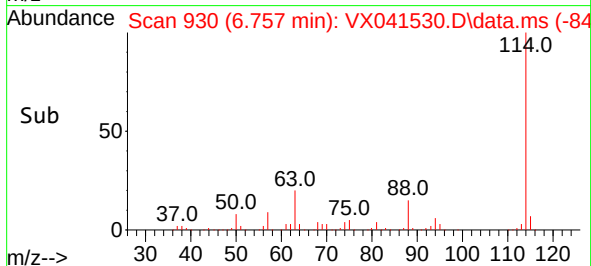
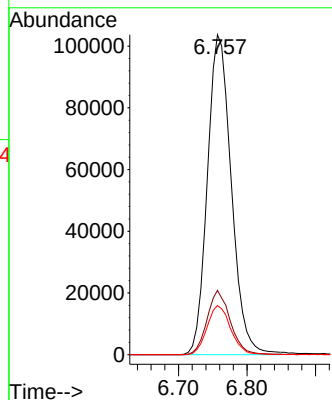
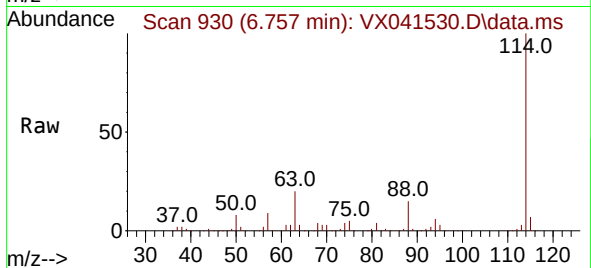
Tgt Ion:114 Resp: 251732

Ion Ratio Lower Upper

114 100

63 19.4 15.4 23.0

88 15.2 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: VX041530.D

Acq: 15 May 2024 11:09

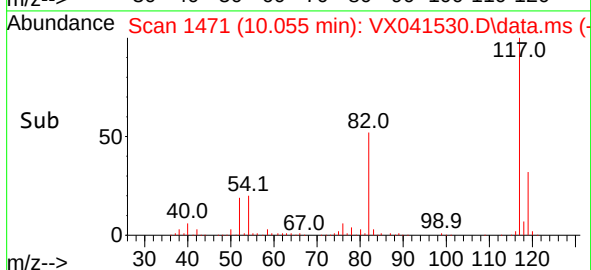
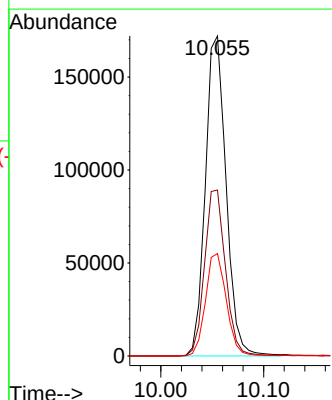
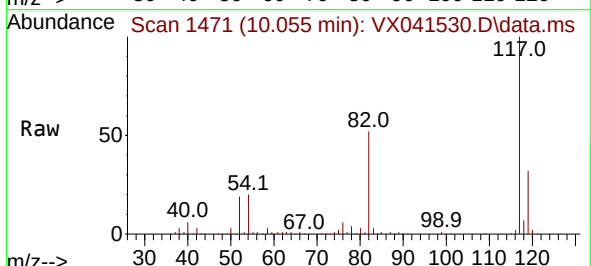
Tgt Ion:117 Resp: 241713

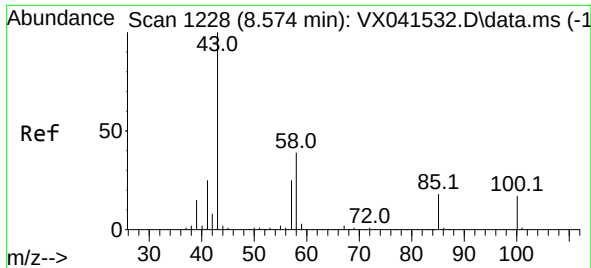
Ion Ratio Lower Upper

117 100

82 52.5 41.7 62.5

119 32.3 25.7 38.5

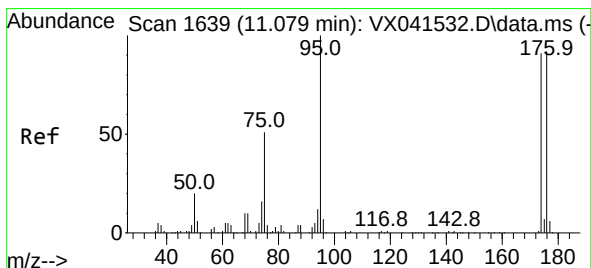
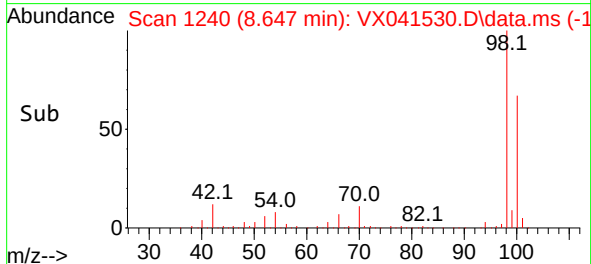
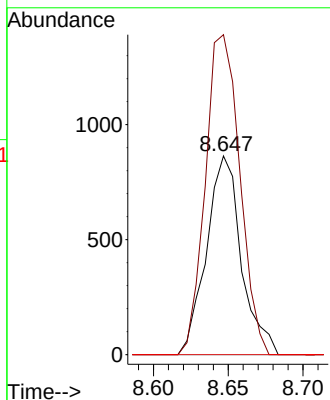
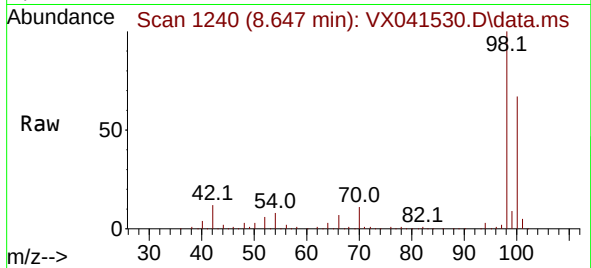




#58
4-Methyl-2-Pentanone
Concen: 0.317 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX041530.D
Acq: 15 May 2024 11:09

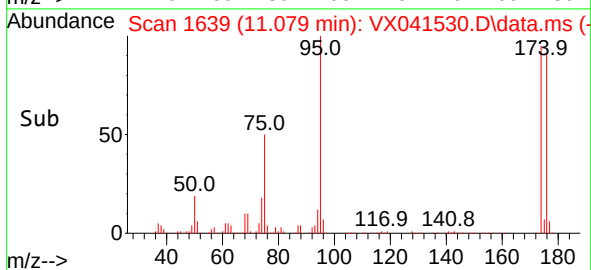
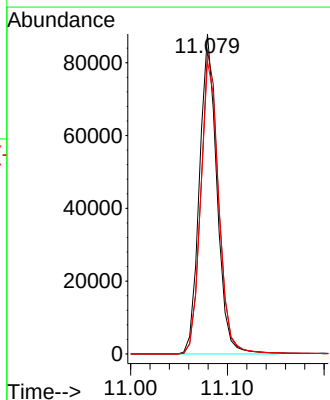
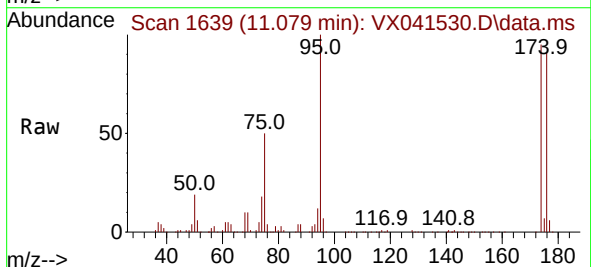
Instrument :
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VX0515WBL01

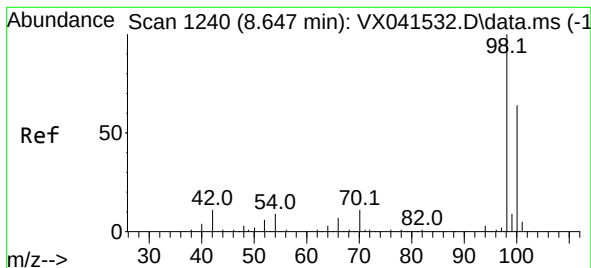
Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 159.1 30.2 45.4#
85 0.0 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 29.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041530.D
Acq: 15 May 2024 11:09

Tgt Ion: 95 Resp: 110168
Ion Ratio Lower Upper
95 100
174 96.6 76.6 115.0
176 94.6 75.4 113.0





#63

Toluene-d8

Concen: 28.110 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041530.D

Acq: 15 May 2024 11:09

Instrument :

MSVOA_X

ClientSampleId :

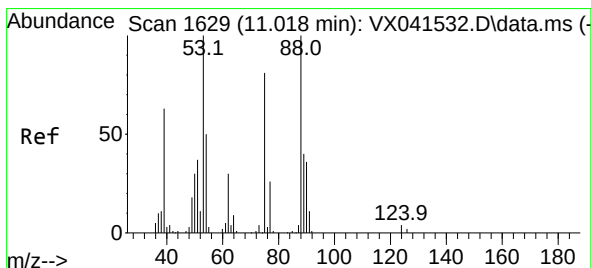
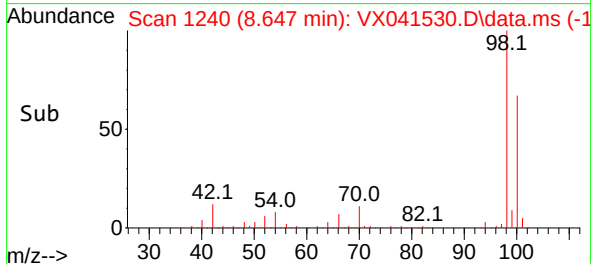
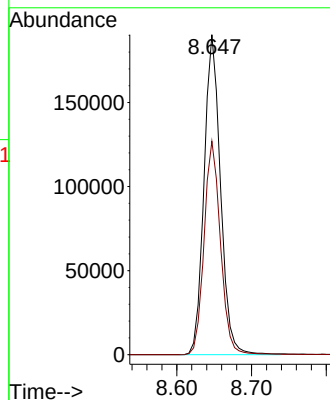
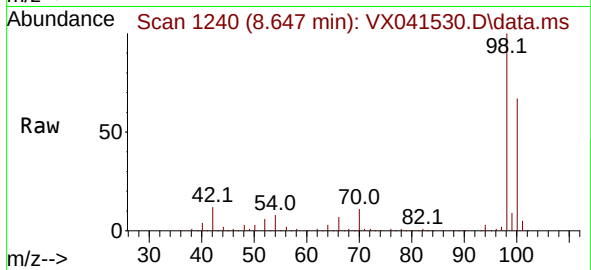
VX0515WBL01

Tgt Ion: 98 Resp: 291254

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#77

t-1,4-Dichloro-2-butene

Concen: 43.458 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041530.D

Acq: 15 May 2024 11:09

Tgt Ion: 75 Resp: 56213

Ion Ratio Lower Upper

75 100

53 0.0 61.8 185.3#

89 0.0 24.9 74.7#

