

Data File : VV013653.D
Acq On : 18 Nov 2019 12:37
Operator : SY/MD
Sample : K5856-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 19 04:28:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	332811	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	329141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104656	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	97563	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	141420	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.96	46	276159	58.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.18%
24) Chloroform-d	4.40	84	241735	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.08	65	119266	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.09	84	467934	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.11	67	144695	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	392892	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	49218	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.14	63	198587	50.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105211	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	159607	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

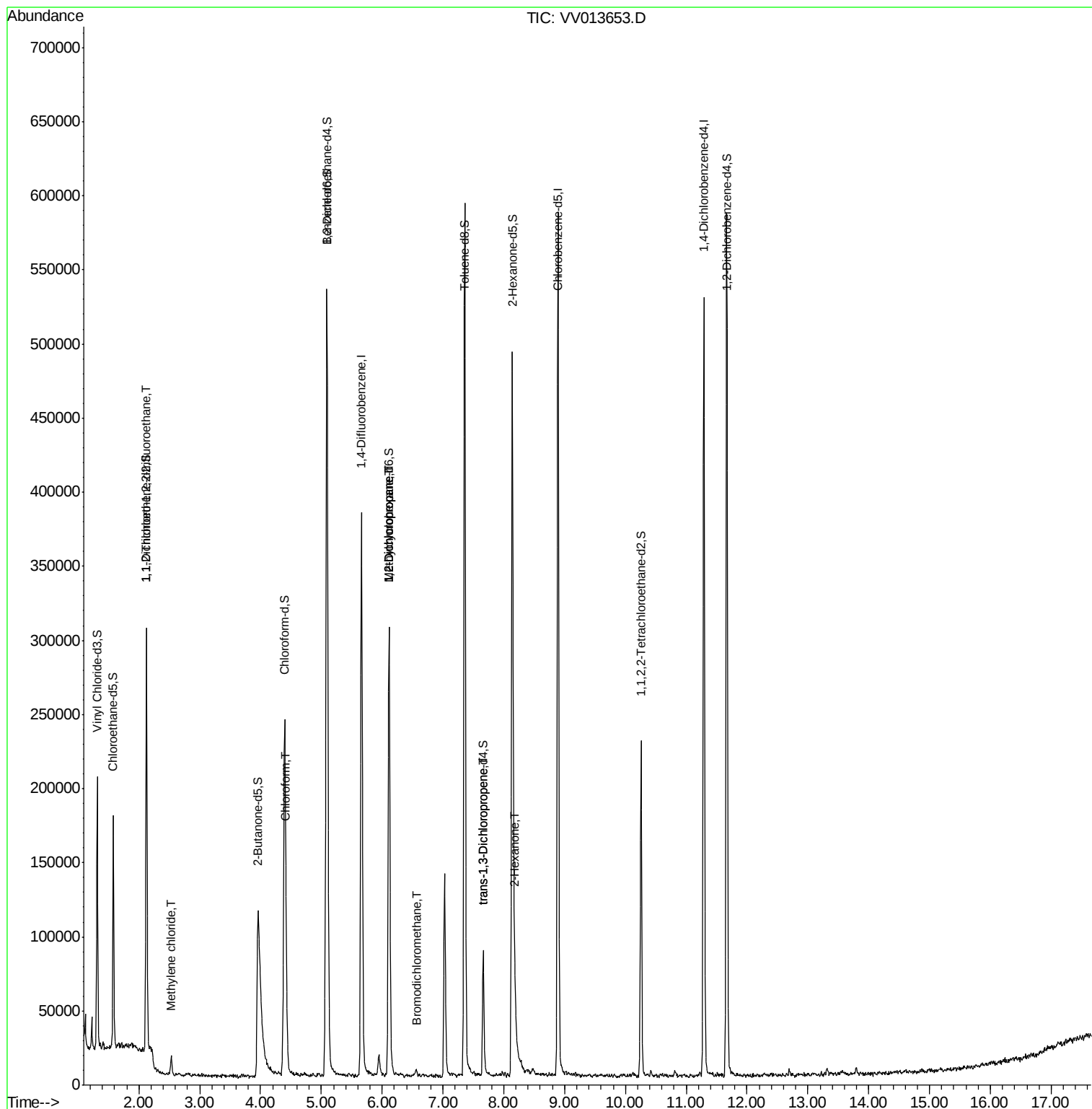
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1673	0.082 ug/L #	27
16) Methylene chloride	2.54	84	5346	0.193 ug/L	95
25) Chloroform	4.42	83	31229	0.527 ug/L	100
35) Methylcyclohexane	6.11	83	34475	0.848 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	16193	0.679 ug/L #	86
38) Bromodichloromethane	6.55	83	1681	0.051 ug/L #	95
44) trans-1,3-Dichloropropene	7.66	75	2242	0.083 ug/L #	81
48) 2-Hexanone	8.18	43	10840	1.101 ug/L #	67

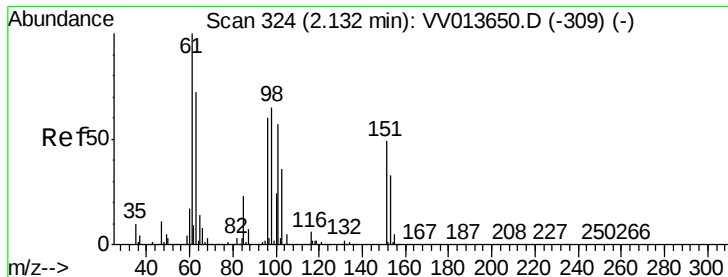
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.082 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013653.D

Acq: 18 Nov 2019 12:37

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

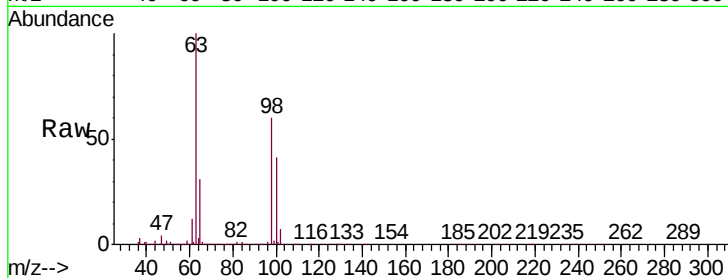
Tgt Ion:101 Resp: 1673

Ion Ratio Lower Upper

101 100

85 7.8 32.0 48.0#

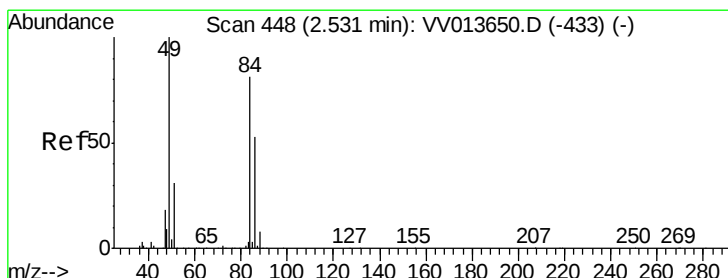
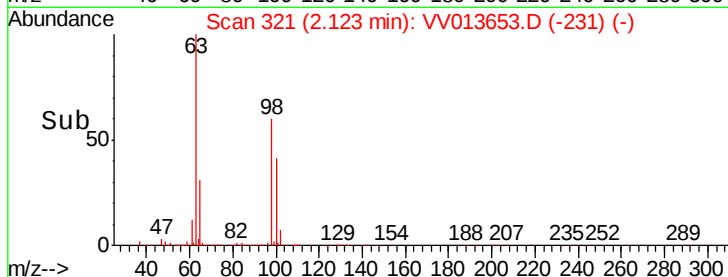
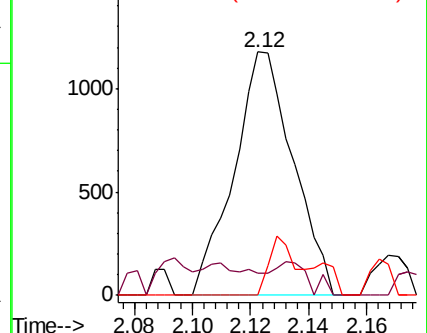
151 10.8 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): VV013653.D (-321) (-)

Ion 85.00 (84.70 to 85.70): VV013653.D (-321) (-)

Ion 151.00 (150.70 to 151.70): VV013653.D (-321) (-)



#16

Methylene chloride

Concen: 0.193 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV013653.D

Acq: 18 Nov 2019 12:37

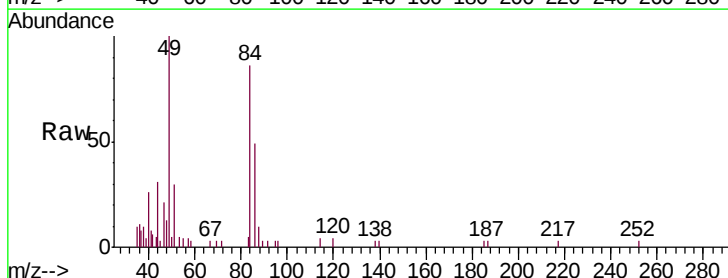
Tgt Ion: 84 Resp: 5346

Ion Ratio Lower Upper

84 100

86 57.2 44.1 81.9

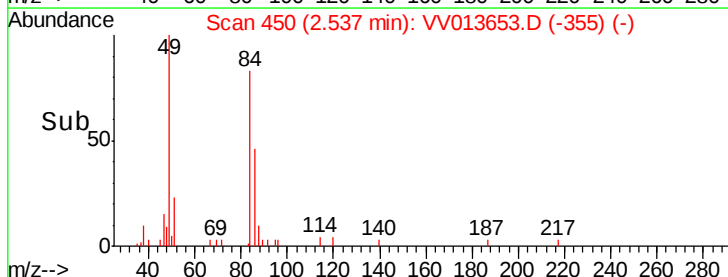
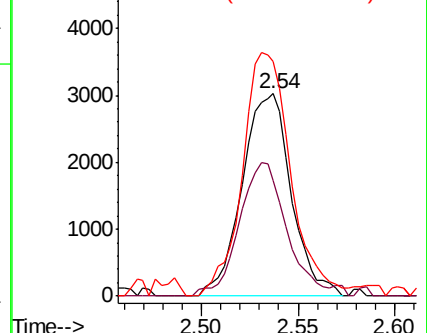
49 115.7 83.4 155.0

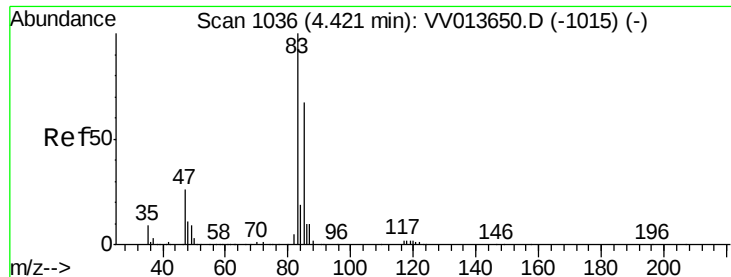


Abundance Ion 84.05 (83.75 to 84.75): VV013653.D (-355) (-)

Ion 86.00 (85.70 to 86.70): VV013653.D (-355) (-)

Ion 49.10 (48.80 to 49.80): VV013653.D (-355) (-)





#25

Chloroform

Concen: 0.527 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013653.D

Acq: 18 Nov 2019 12:37

Instrument :

MSVOA_V

ClientSampled :

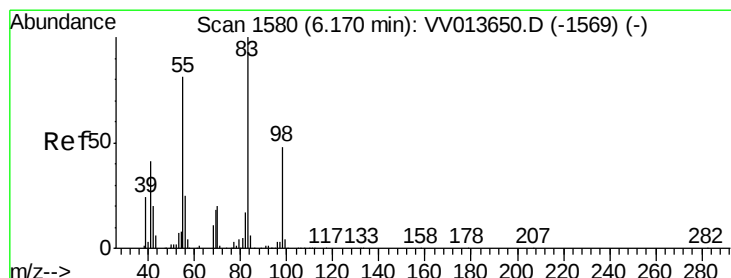
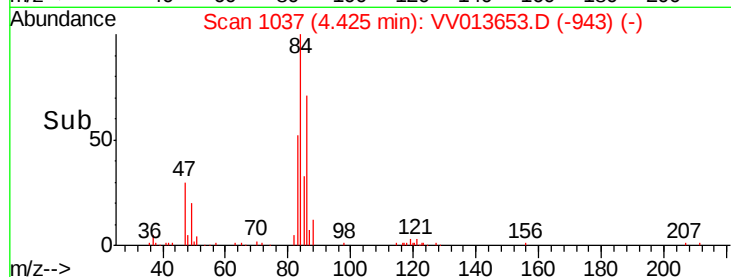
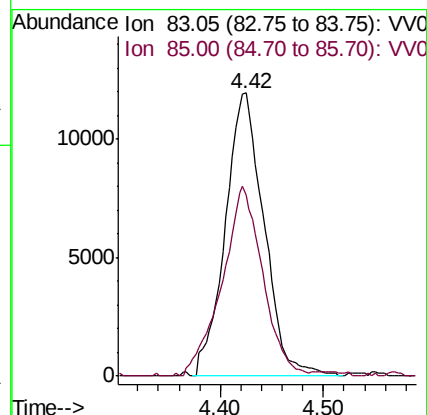
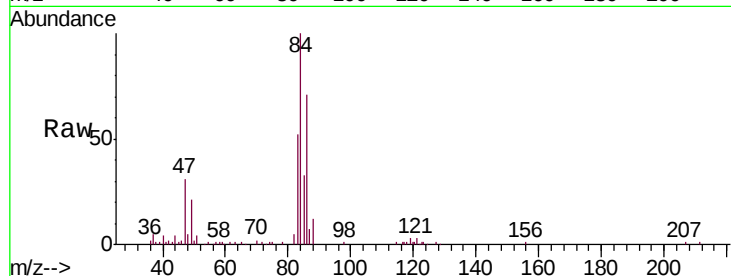
VHBLK01

Tgt Ion: 83 Resp: 31229

Ion Ratio Lower Upper

83 100

85 63.8 44.4 82.5



#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.06 min

Lab File: VV013653.D

Acq: 18 Nov 2019 12:37

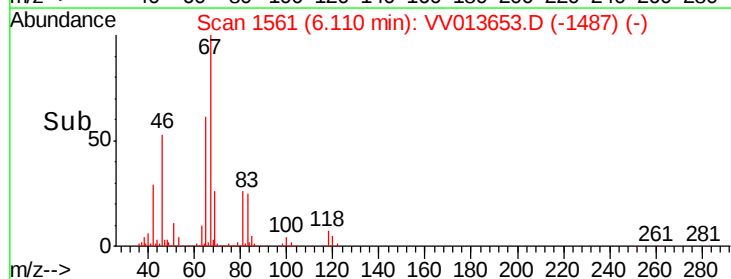
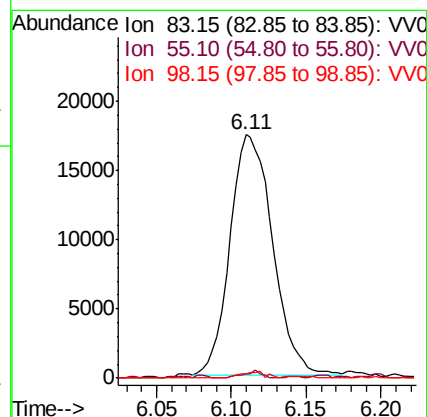
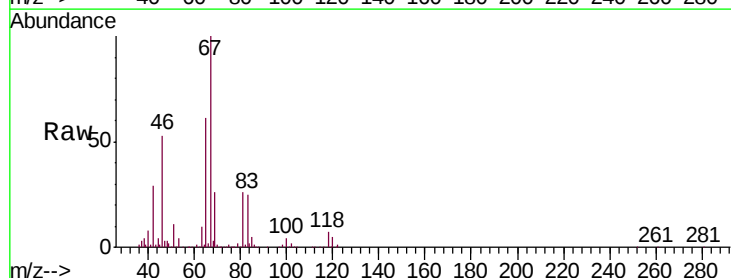
Tgt Ion: 83 Resp: 34475

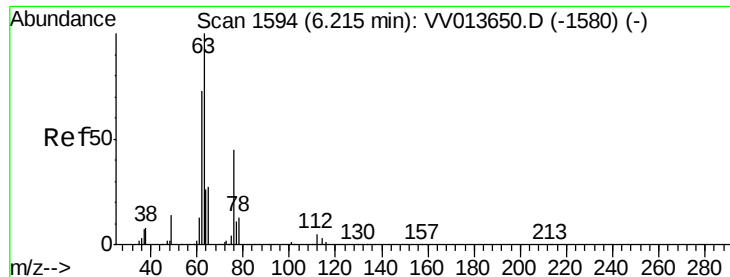
Ion Ratio Lower Upper

83 100

55 1.3 64.1 96.1#

98 1.5 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013653.D

Acq: 18 Nov 2019 12:37

Instrument :

MSVOA_V

ClientSampleId :

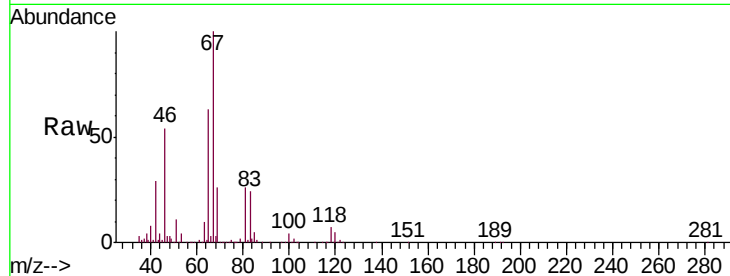
VHBLK01

Tgt Ion: 63 Resp: 16193

Ion Ratio Lower Upper

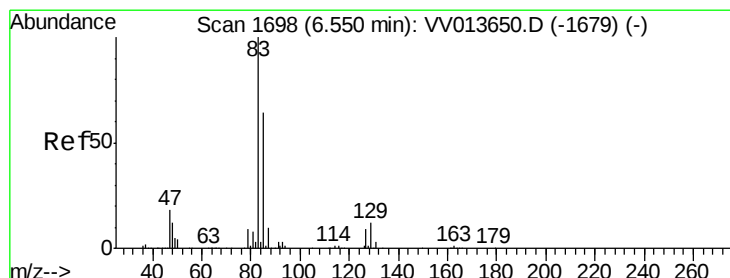
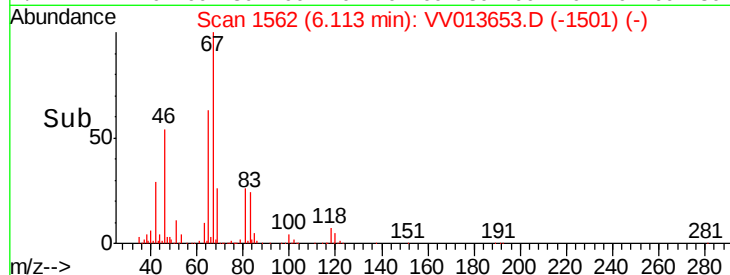
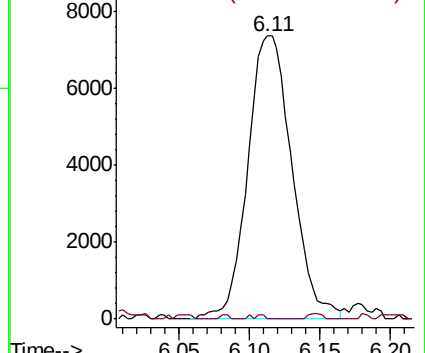
63 100

112 0.4 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 0.051 ug/L

RT: 6.55 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VV013653.D

Acq: 18 Nov 2019 12:37

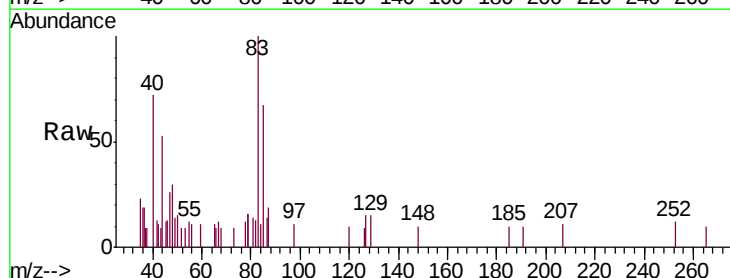
Tgt Ion: 83 Resp: 1681

Ion Ratio Lower Upper

83 100

85 67.1 44.9 83.5

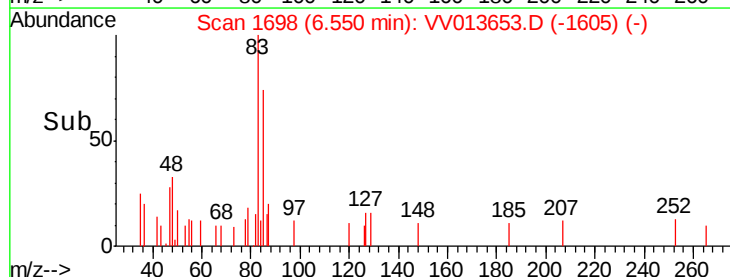
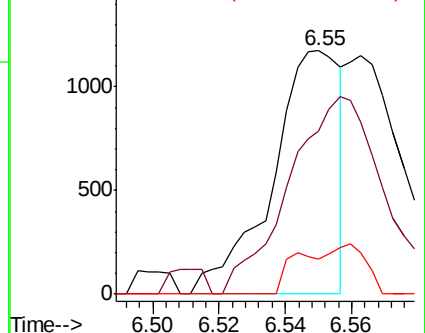
127 14.6 7.0 10.6#

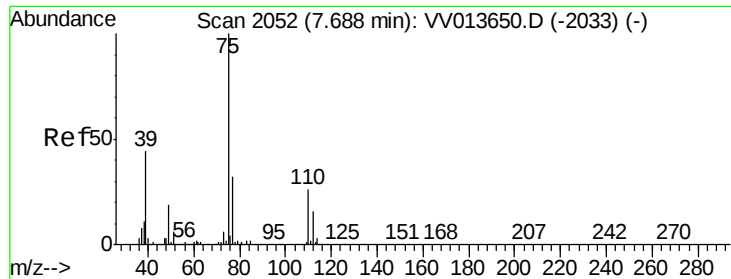


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): V

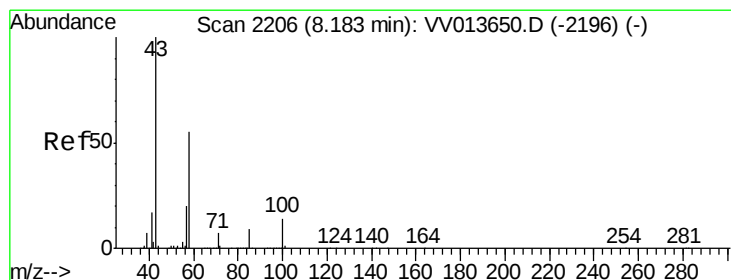
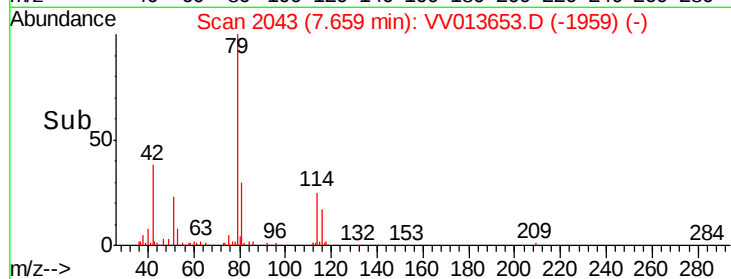
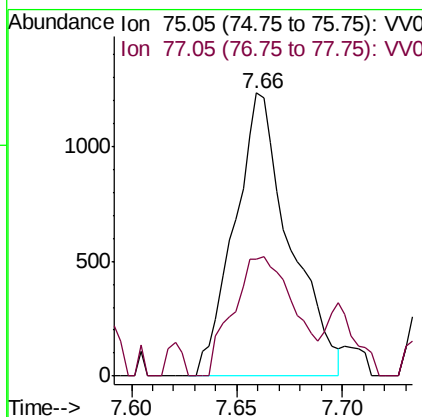
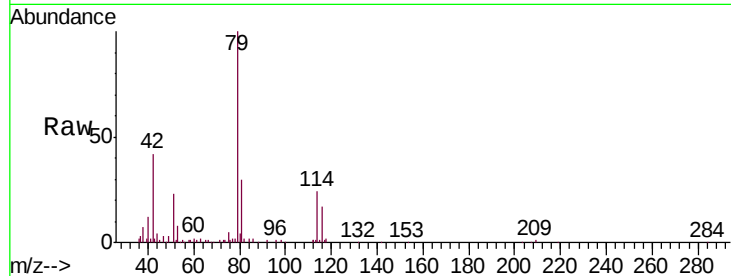




#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV013653.D
 Acq: 18 Nov 2019 12:37

Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

Tgt Ion: 75 Resp: 2242
 Ion Ratio Lower Upper
 75 100
 77 41.4 21.6 40.2#



#48
 2-Hexanone
 Concen: 1.101 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VV013653.D
 Acq: 18 Nov 2019 12:37

Tgt Ion: 43 Resp: 10840
 Ion Ratio Lower Upper
 43 100
 58 29.3 43.0 64.6#
 57 0.0 15.4 23.2#
 100 7.3 10.1 15.1#

