

Data File : VV013704.D
Acq On : 21 Nov 2019 11:07
Operator : SY/MD
Sample : VV1121WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK59

Quant Time: Nov 22 03:57:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	386890	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	379607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	170350	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134125	5.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.20%
7) Chloroethane-d5	1.58	69	123227	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.13	63	189366	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.97	46	302455	54.73	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.46%
24) Chloroform-d	4.40	84	281730	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.08	65	139975	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.09	84	570253	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.11	67	173165	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.36	98	503357	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.66	79	57963	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	213504	46.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115720	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	194543	5.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.60%

Target Compounds

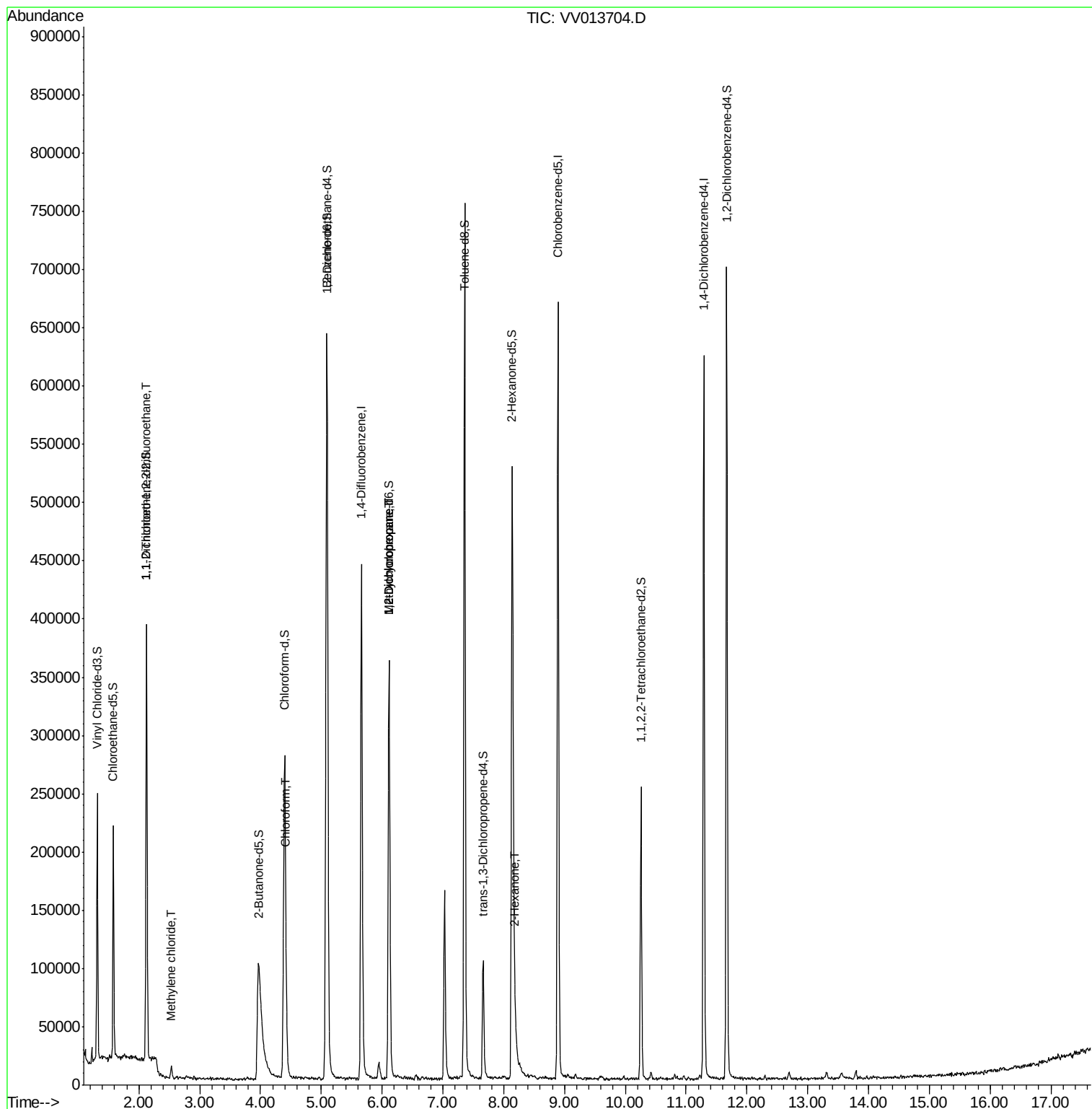
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2352	0.099 ug/L #	32
16) Methylene chloride	2.53	84	3789	0.118 ug/L	94
25) Chloroform	4.42	83	26506	0.384 ug/L	89
35) Methylcyclohexane	6.11	83	43022	0.917 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	19026	0.691 ug/L #	86
48) 2-Hexanone	8.19	43	13156	1.159 ug/L #	47

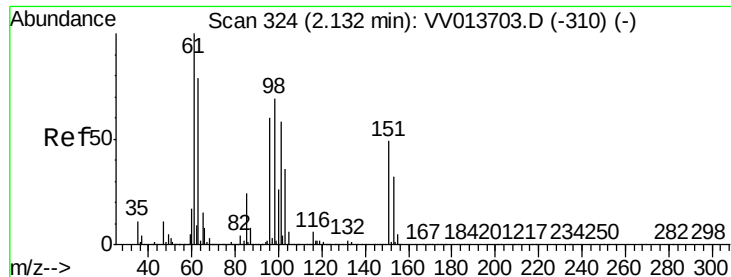
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.099 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013704.D

Acq: 21 Nov 2019 11:07

Instrument :

MSVOA_V

ClientSampleId :

VBLK59

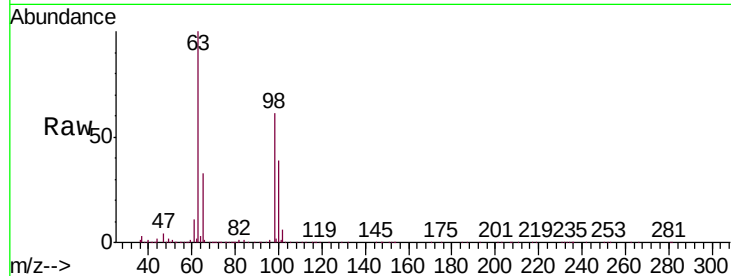
Tgt Ion: 101 Resp: 2352

Ion Ratio Lower Upper

101 100

85 14.0 32.0 48.0#

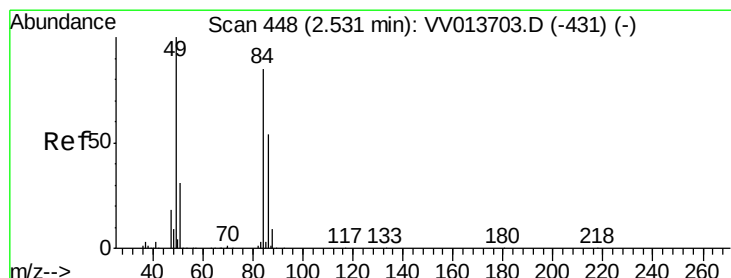
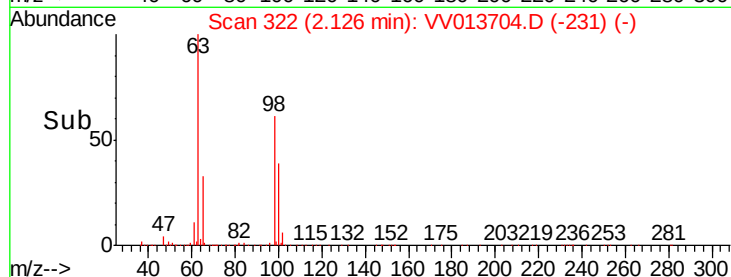
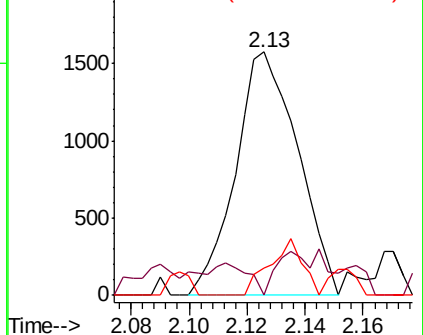
151 12.2 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.118 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV013704.D

Acq: 21 Nov 2019 11:07

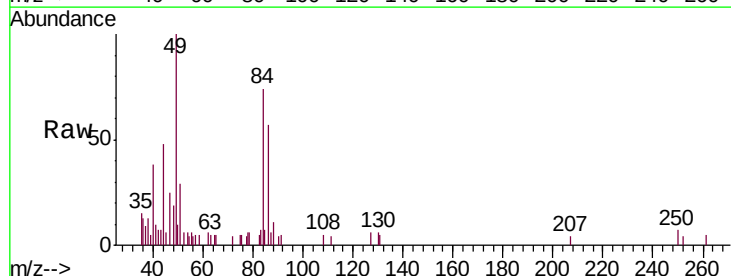
Tgt Ion: 84 Resp: 3789

Ion Ratio Lower Upper

84 100

86 70.5 44.1 81.9

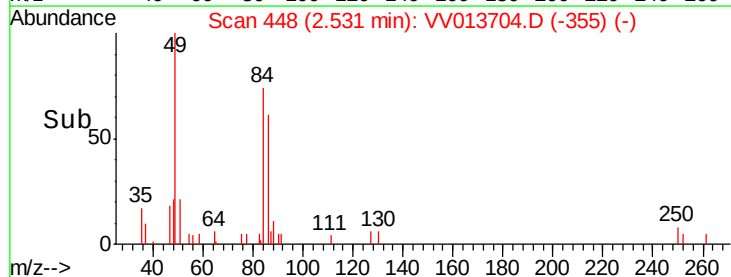
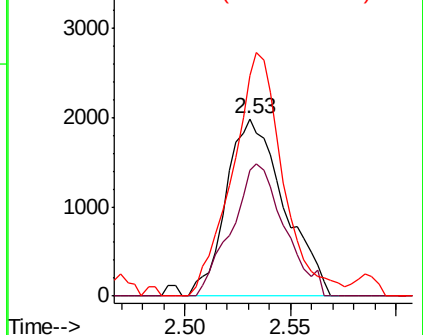
49 123.9 83.4 155.0

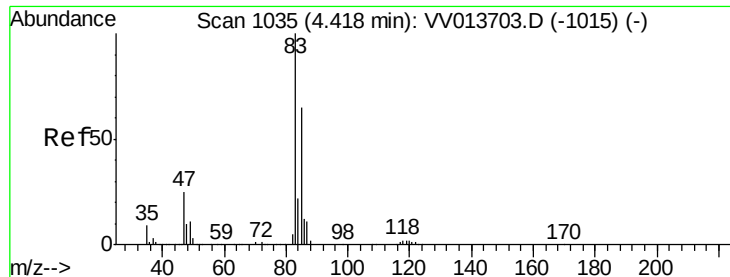


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.384 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

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Acq: 21 Nov 2019 11:07

Instrument :

MSVOA_V

ClientSampled :

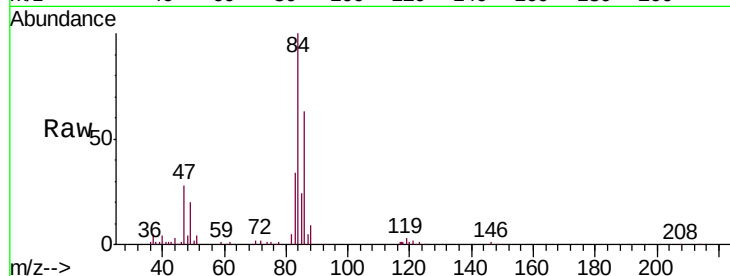
VBLK59

Tgt Ion: 83 Resp: 26506

Ion Ratio Lower Upper

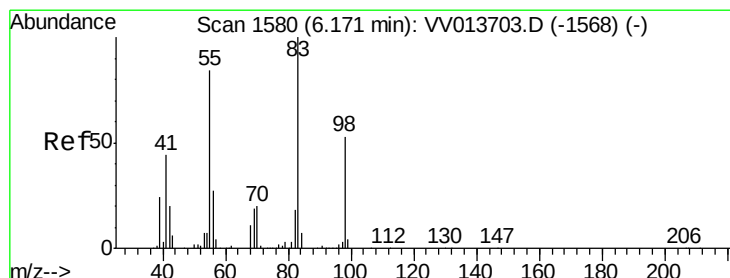
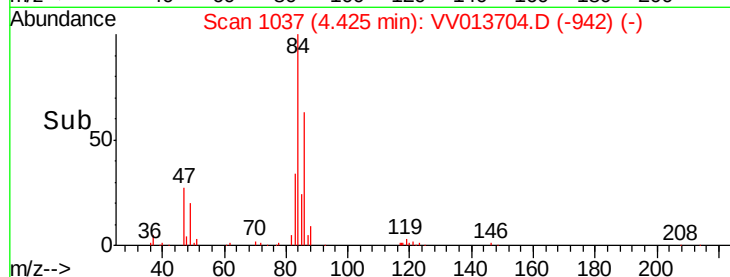
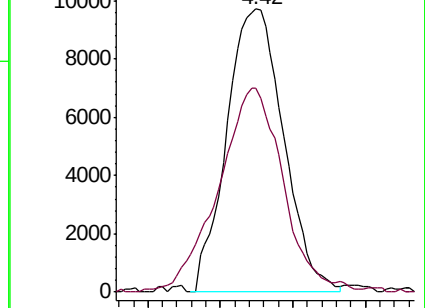
83 100

85 72.2 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.917 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013704.D

Acq: 21 Nov 2019 11:07

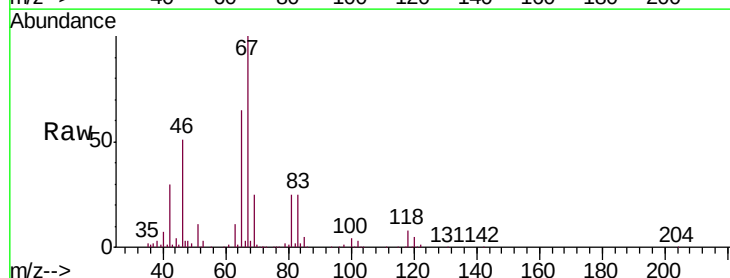
Tgt Ion: 83 Resp: 43022

Ion Ratio Lower Upper

83 100

55 1.4 64.1 96.1#

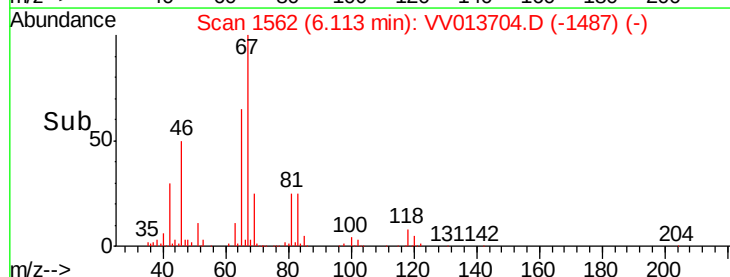
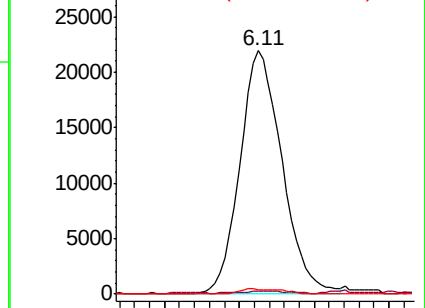
98 2.1 38.2 57.2#

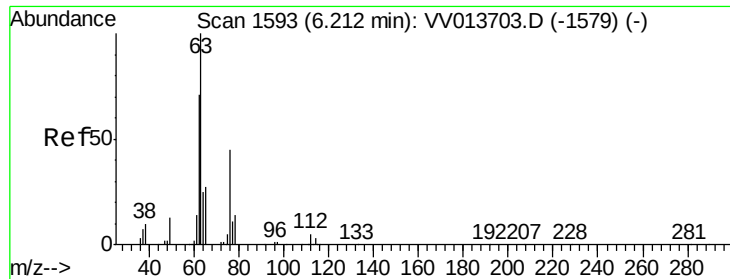


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

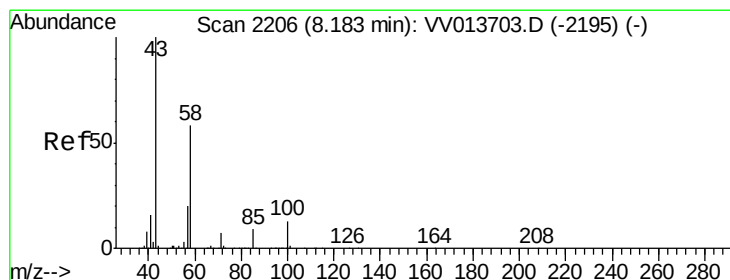
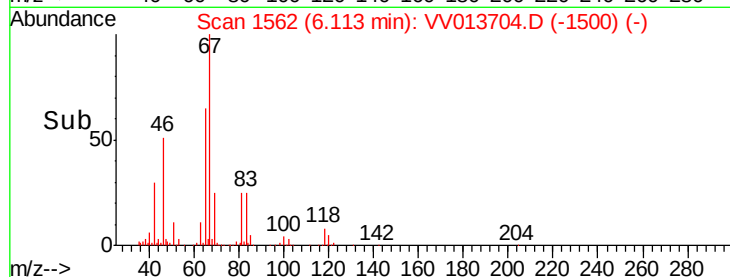
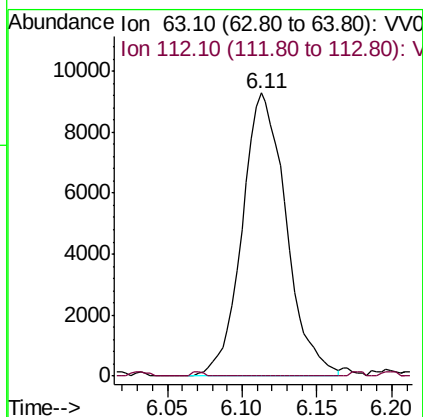
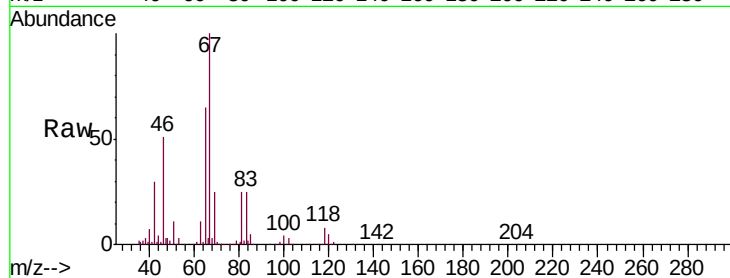




#37
 1,2-Dichloropropane
 Concen: 0.691 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013704.D
 Acq: 21 Nov 2019 11:07

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK59

Tgt Ion: 63 Resp: 19026
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.1 6.1#



#48
 2-Hexanone
 Concen: 1.159 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: VV013704.D
 Acq: 21 Nov 2019 11:07

Tgt Ion: 43 Resp: 13156
 Ion Ratio Lower Upper
 43 100
 58 0.0 43.0 64.6#
 57 14.0 15.4 23.2#
 100 4.0 10.1 15.1#

