

Data File : VV013558.D
Acq On : 08 Nov 2019 23:45
Operator : SY/MD
Sample : VV1108WBL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK50

Quant Time: Nov 09 01:17:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 01:14:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	393635	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385110	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	168065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83373	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	76118	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.13	63	107192	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.96	46	323612	54.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	4.40	84	205933	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	122734	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.09	84	404452	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.11	67	143723	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	309895	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	48977	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	198692	49.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	106074	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	157215	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

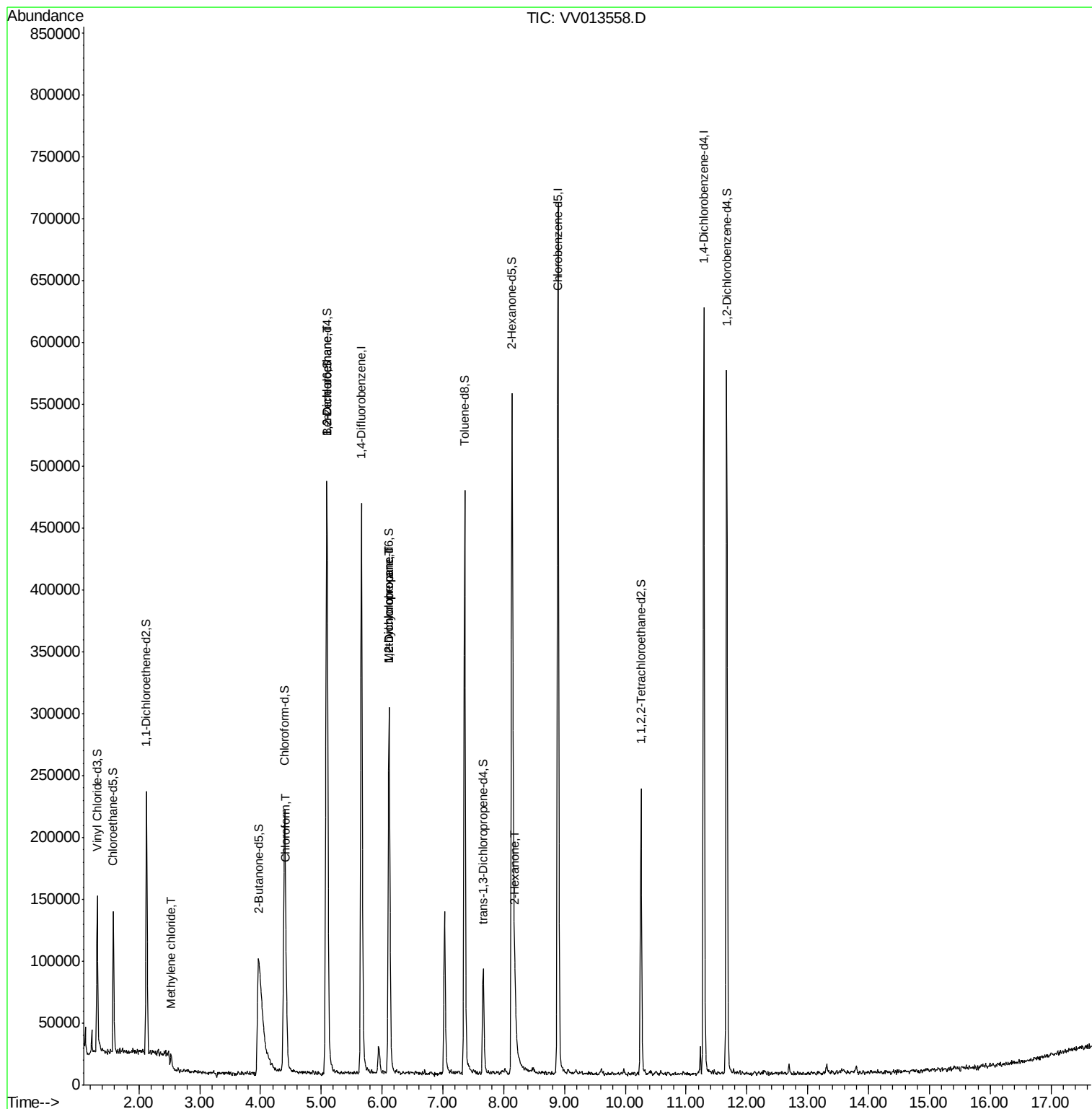
					Qvalue
16) Methylene chloride	2.53	84	5822	0.188 ug/L	92
25) Chloroform	4.42	83	35761	0.598 ug/L	96
27) 1,2-Dichloroethane	5.10	62	2771	0.086 ug/L	99
35) Methylcyclohexane	6.12	83	35439	0.723 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	16186	0.550 ug/L #	87
48) 2-Hexanone	8.19	43	36115	3.013 ug/L #	84

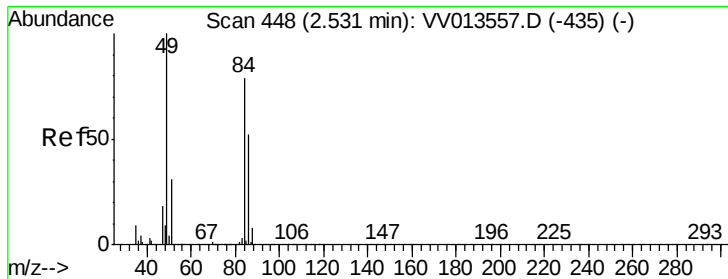
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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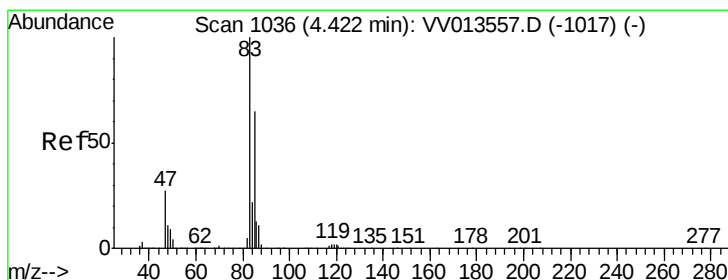
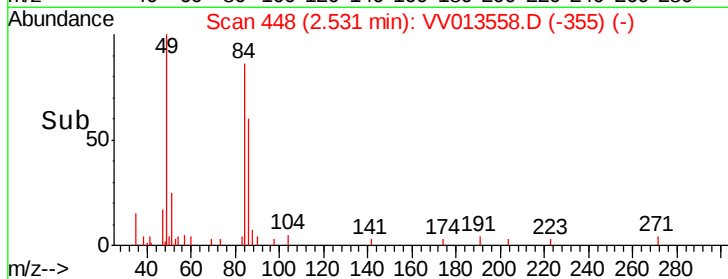
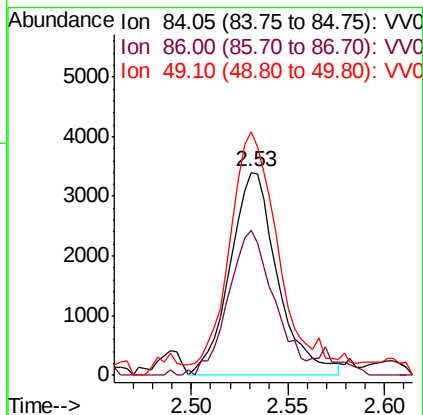
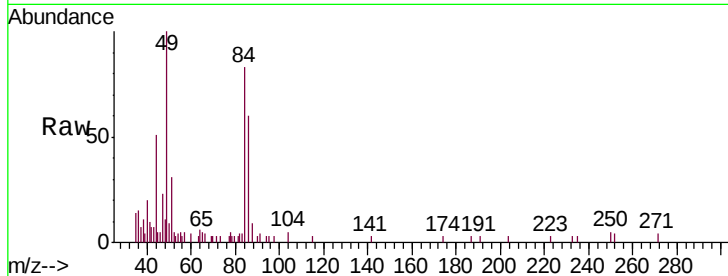




#16
Methylene chloride
Concen: 0.188 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013558.D
Acq: 08 Nov 2019 23:45

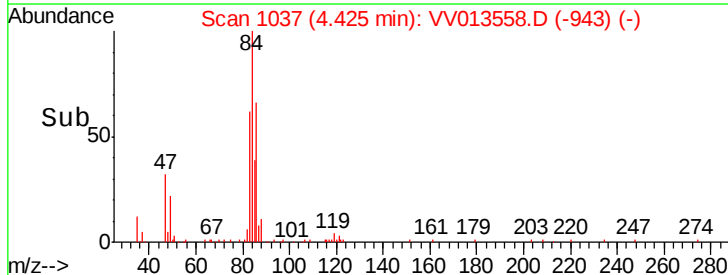
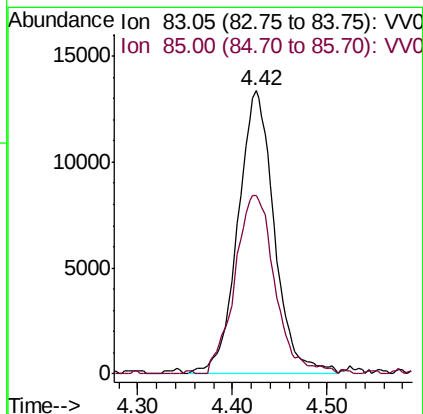
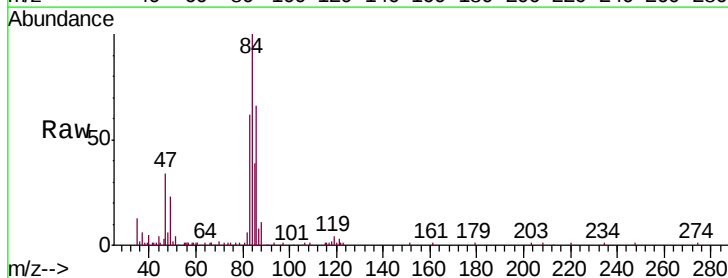
Instrument :
MSVOA_V
ClientSampleId :
VBLK50

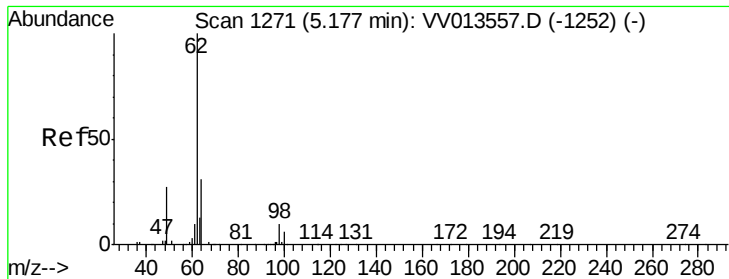
Tgt Ion: 84 Resp: 5822
Ion Ratio Lower Upper
84 100
86 71.4 44.2 82.2
49 119.9 88.8 164.8



#25
Chloroform
Concen: 0.598 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013558.D
Acq: 08 Nov 2019 23:45

Tgt Ion: 83 Resp: 35761
Ion Ratio Lower Upper
83 100
85 62.8 46.3 86.1





#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV013558.D

Acq: 08 Nov 2019 23:45

Instrument :

MSVOA_V

ClientSampled :

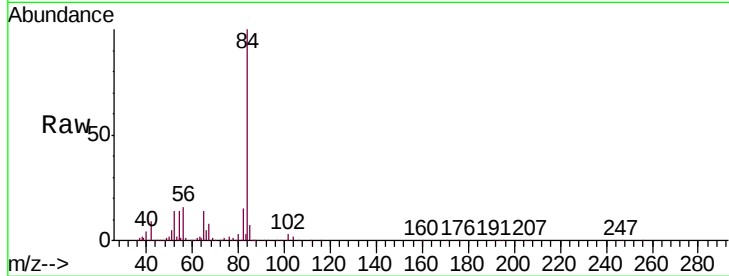
VBLK50

Tgt Ion: 62 Resp: 2771

Ion Ratio Lower Upper

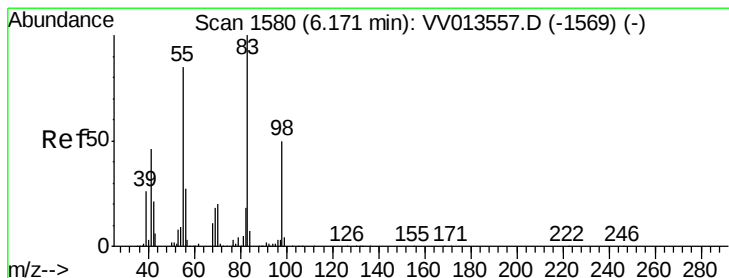
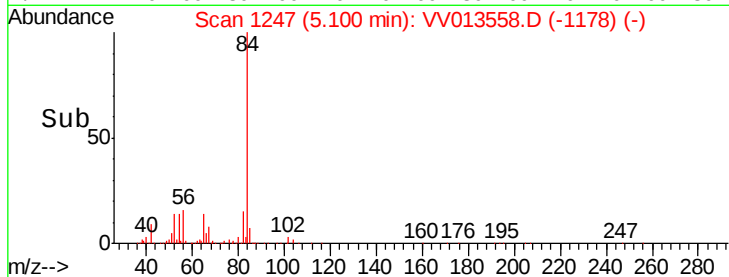
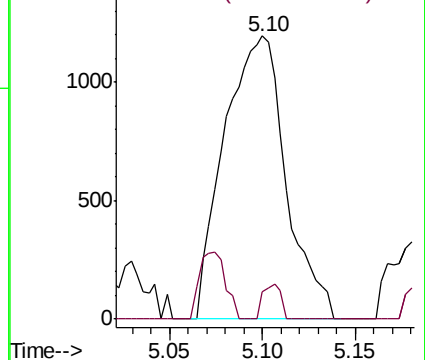
62 100

98 9.6 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013558.D

Acq: 08 Nov 2019 23:45

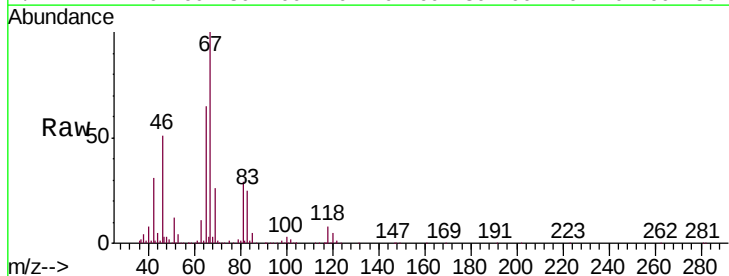
Tgt Ion: 83 Resp: 35439

Ion Ratio Lower Upper

83 100

55 0.6 63.8 95.8#

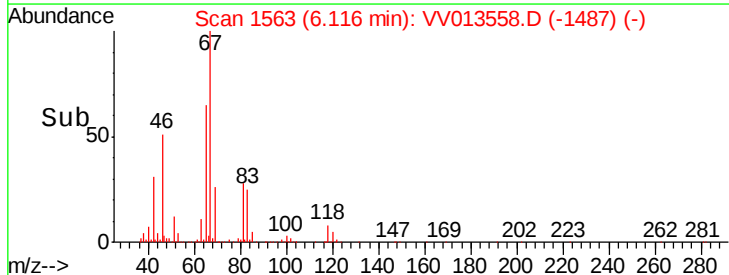
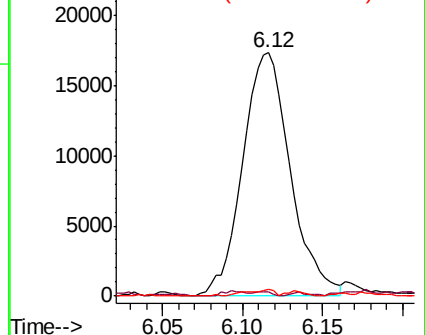
98 1.5 38.4 57.6#

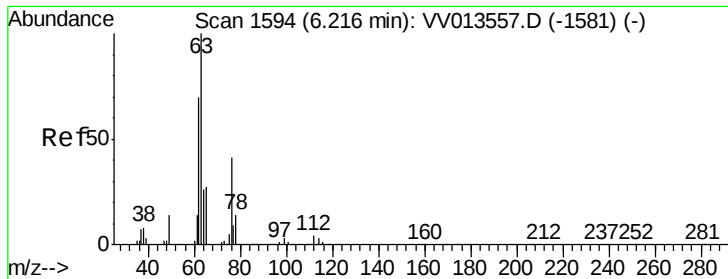


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

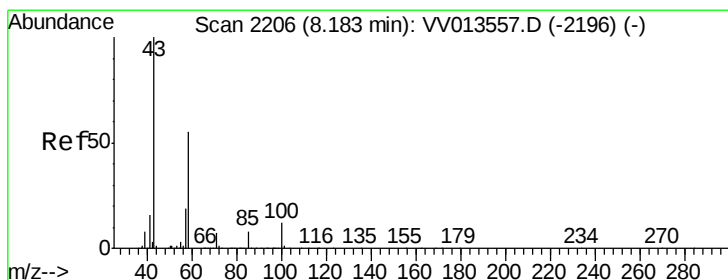
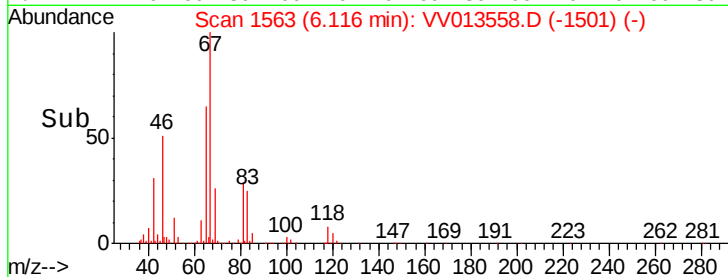
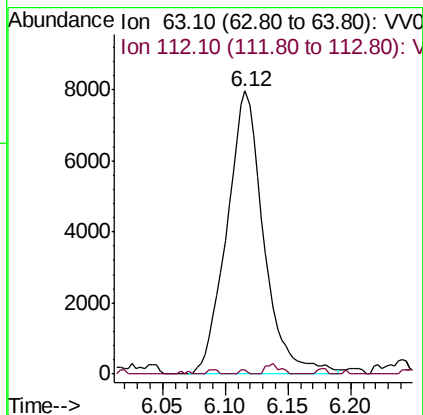
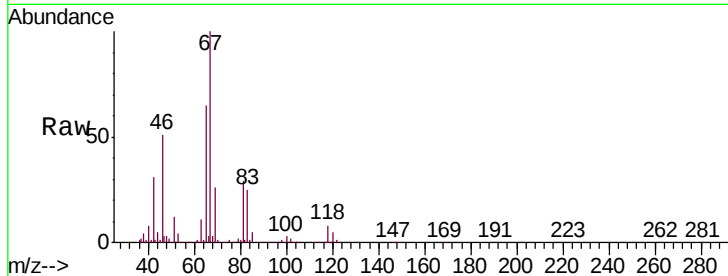




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013558.D
 Acq: 08 Nov 2019 23:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK50

Tgt Ion: 63 Resp: 16186
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#48
 2-Hexanone
 Concen: 3.013 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV013558.D
 Acq: 08 Nov 2019 23:45

Tgt Ion: 43 Resp: 36115
 Ion Ratio Lower Upper
 43 100
 58 41.1 43.8 65.8#
 57 12.3 15.0 22.6#
 100 8.9 9.8 14.6#

