

Data File : VV011957.D
Acq On : 22 Jul 2019 19:37
Operator : SY/MD
Sample : K3823-20 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52K0

Quant Time: Jul 23 07:22:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 07:18:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	130459	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60304	5.00	ug/L	0.00

System Monitoring Compounds

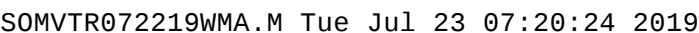
4) Vinyl Chloride-d3	1.32	65	32075	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	25955	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	52985	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.97	46	103991	52.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.94%
24) Chloroform-d	4.41	84	84588	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	46591	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	175100	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	50163	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	154330	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	18563	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	84260	51.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35088	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	61362	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

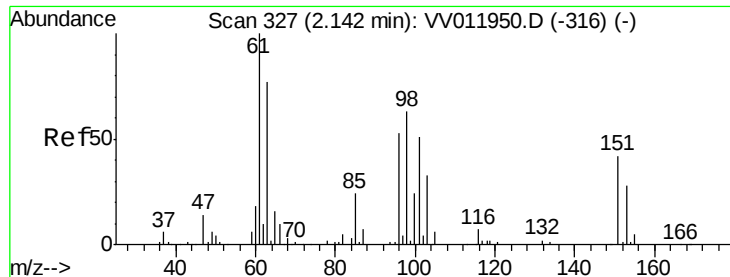
Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	745	0.125 ug/L #	1
16) Methylene chloride	2.54	84	1319	0.198 ug/L #	55
22) cis-1,2-Dichloroethene	3.96	96	859	0.086 ug/L	86
25) Chloroform	4.43	83	7447	0.378 ug/L	92
29) 1,1,1-Trichloroethane	4.66	97	19685	1.232 ug/L	99
31) Carbon tetrachloride	4.65	117	1665	0.116 ug/L #	66
35) Methylcyclohexane	6.12	83	13298	0.838 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5834	0.661 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1555	0.119 ug/L #	61
48) 2-Hexanone	8.14	43	11393	3.292 ug/L #	70

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

Quant Time: Jul 23 07:22:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 07:18:43 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.125 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV011957.D

Acq: 22 Jul 2019 19:37

Instrument :

MSVOA_V

ClientSampleId :

A52K0

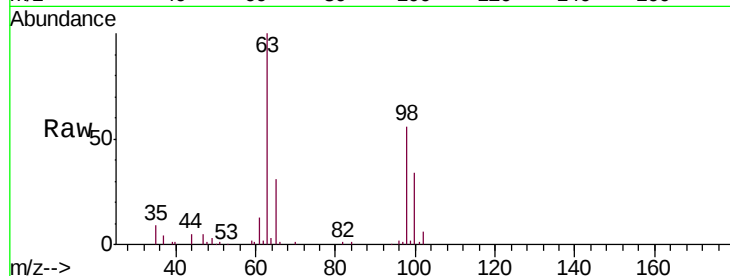
Tgt Ion: 96 Resp: 745

Ion Ratio Lower Upper

96 100

61 886.1 132.7 246.5#

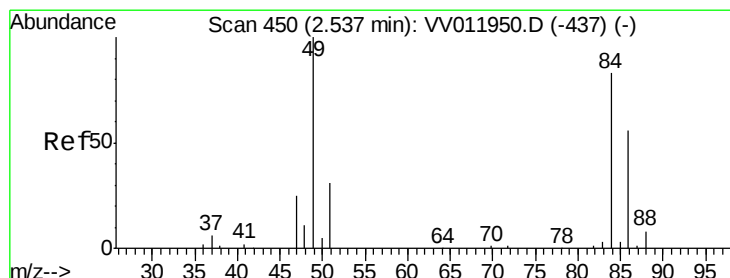
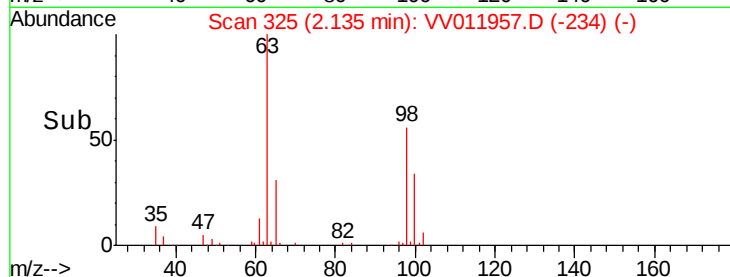
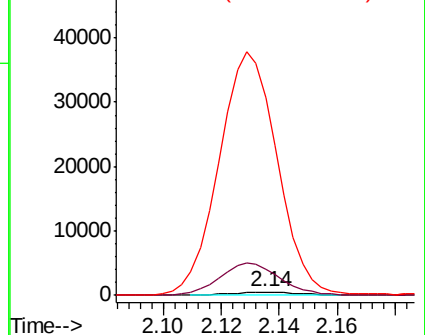
63 6594.0 104.0 193.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 0.198 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV011957.D

Acq: 22 Jul 2019 19:37

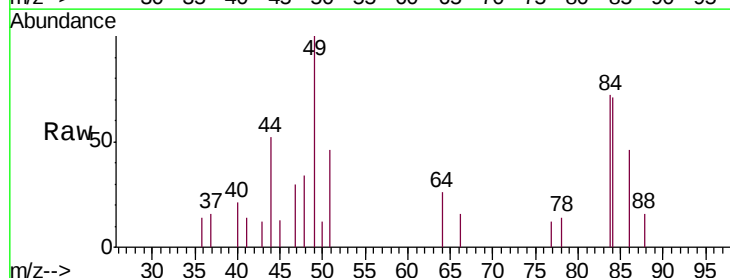
Tgt Ion: 84 Resp: 1319

Ion Ratio Lower Upper

84 100

86 32.5 47.6 88.4#

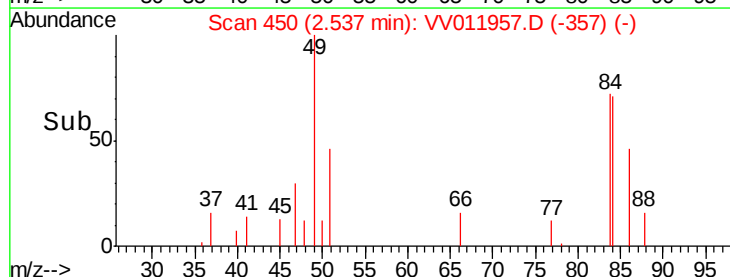
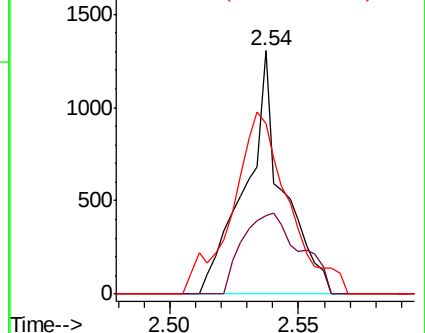
49 70.0 84.3 156.5#

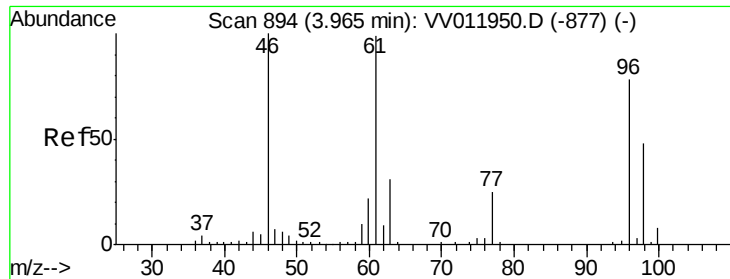


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



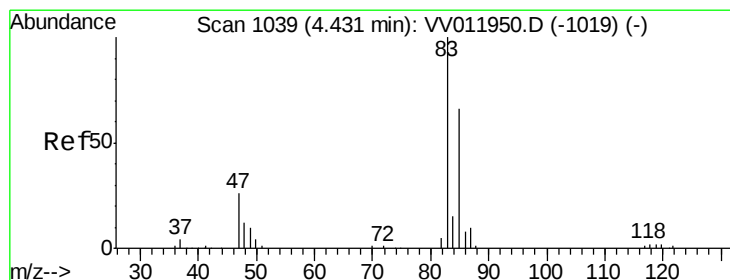
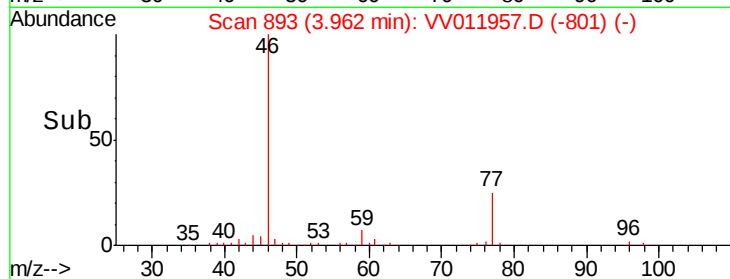
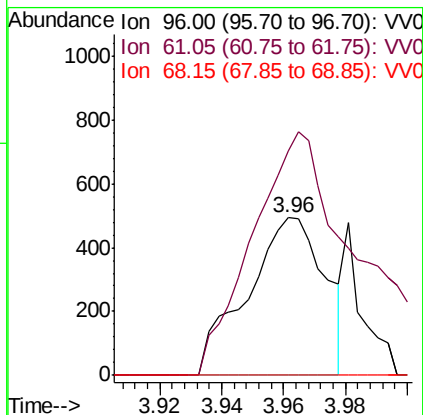
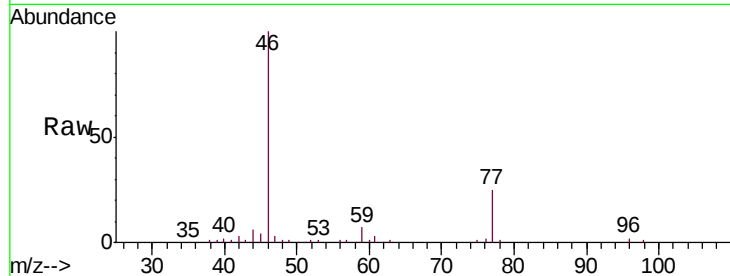


#22

cis-1,2-Dichloroethene
Concen: 0.086 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV011957.D
Acq: 22 Jul 2019 19:37

Instrument :
MSVOA_V
ClientSampleId :
A52K0

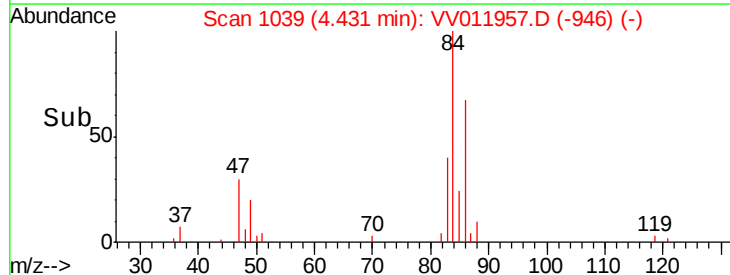
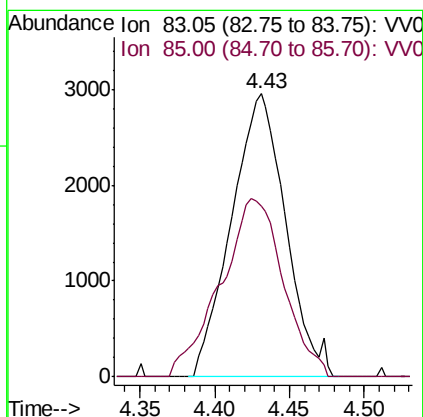
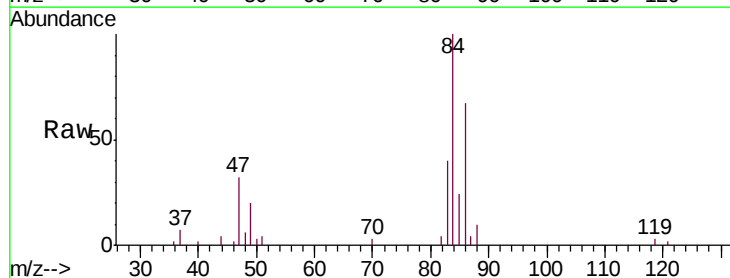
Tgt Ion: 96 Resp: 859
Ion Ratio Lower Upper
96 100
61 142.7 89.0 165.2
68 0.0 0.0 0.0

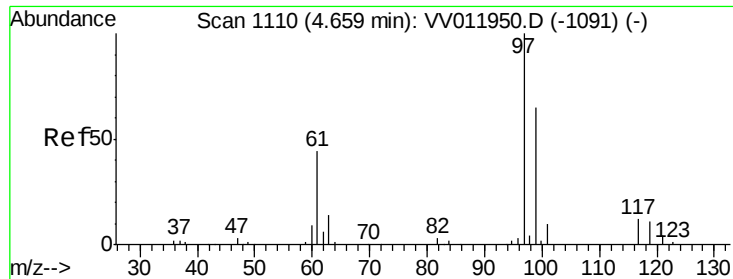


#25

Chloroform
Concen: 0.378 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV011957.D
Acq: 22 Jul 2019 19:37

Tgt Ion: 83 Resp: 7447
Ion Ratio Lower Upper
83 100
85 60.3 46.5 86.3

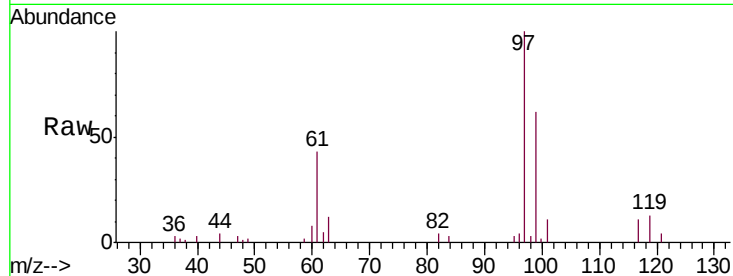




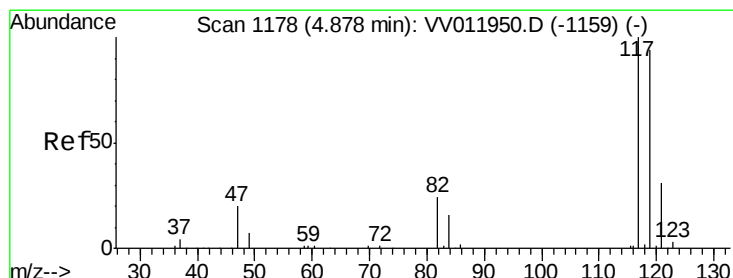
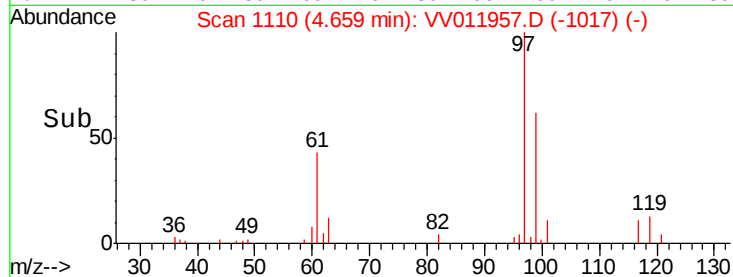
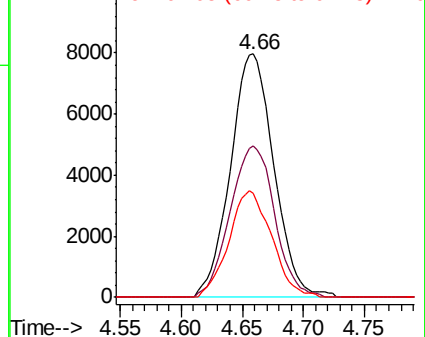
#29
 1,1,1-Trichloroethane
 Concen: 1.232 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VV011957.D
 Acq: 22 Jul 2019 19:37

Instrument :
 MSVOA_V
 ClientSampled :
 A52K0

Tgt Ion: 97 Resp: 19685
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.7 77.5
 61 43.3 35.1 52.7

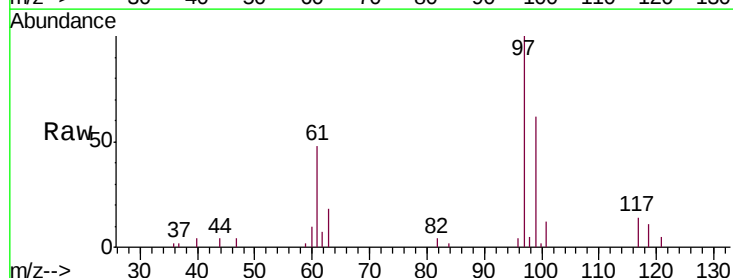


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

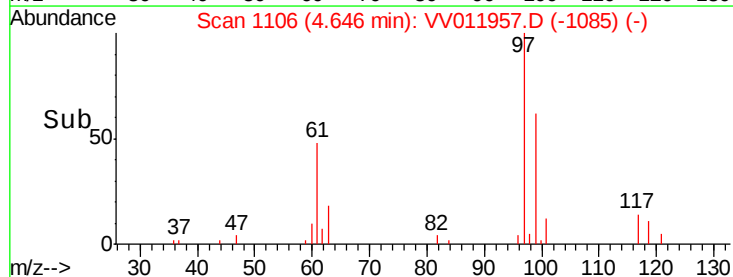
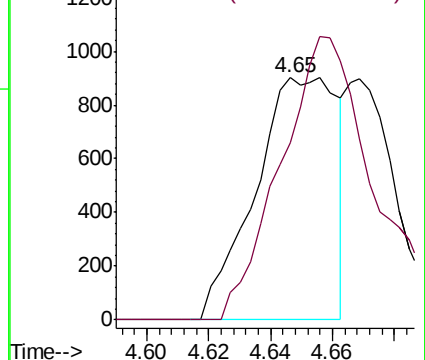


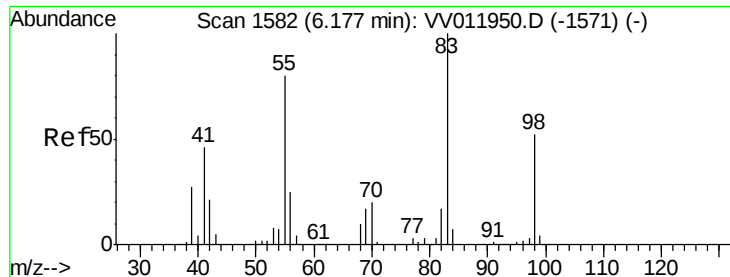
#31
 Carbon tetrachloride
 Concen: 0.116 ug/L
 RT: 4.65 min Scan# 1106
 Delta R.T. -0.23 min
 Lab File: VV011957.D
 Acq: 22 Jul 2019 19:37

Tgt Ion: 117 Resp: 1665
 Ion Ratio Lower Upper
 117 100
 119 129.0 76.4 114.6#



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

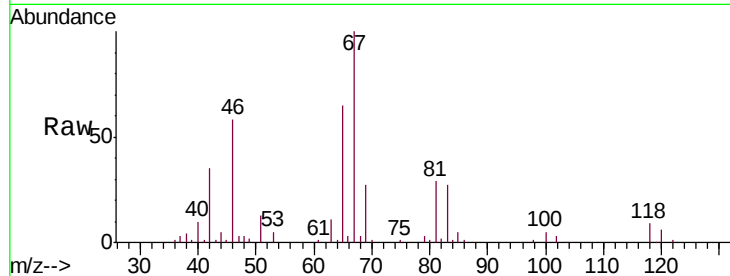




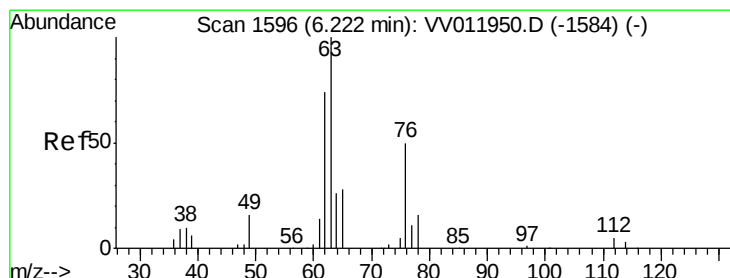
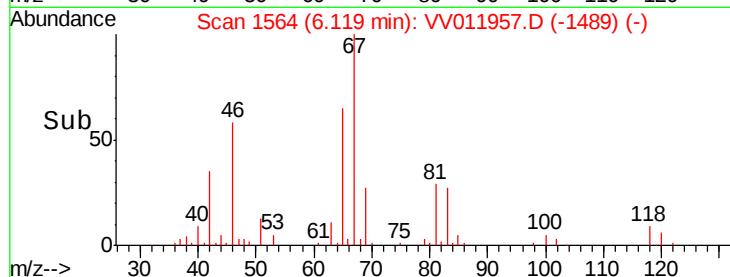
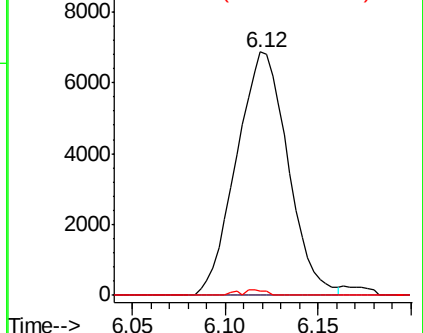
#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV011957.D
Acq: 22 Jul 2019 19:37

Instrument :
MSVOA_V
ClientSampleId :
A52K0

Tgt Ion: 83 Resp: 13298
Ion Ratio Lower Upper
83 100
55 0.2 63.0 94.4#
98 0.8 41.4 62.0#

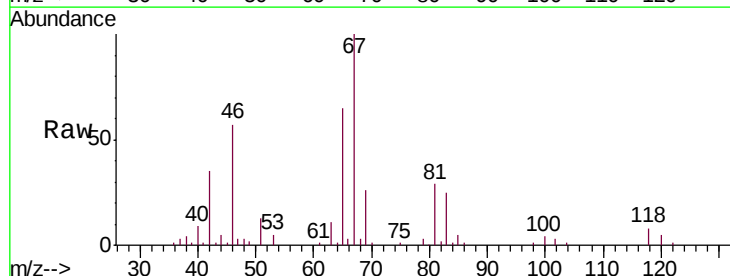


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

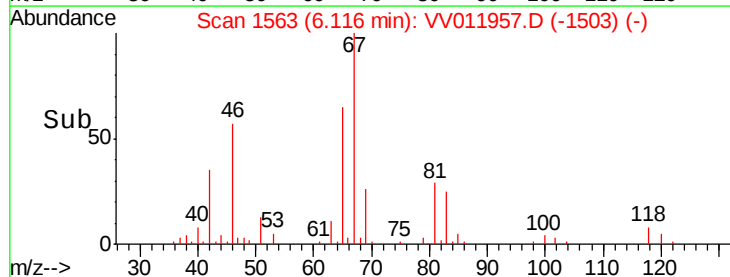
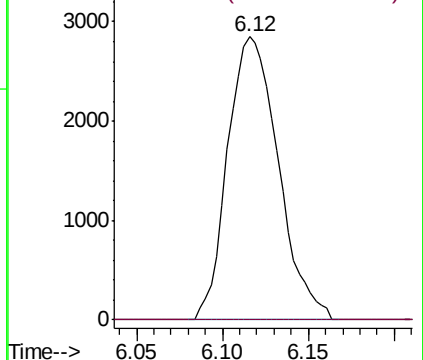


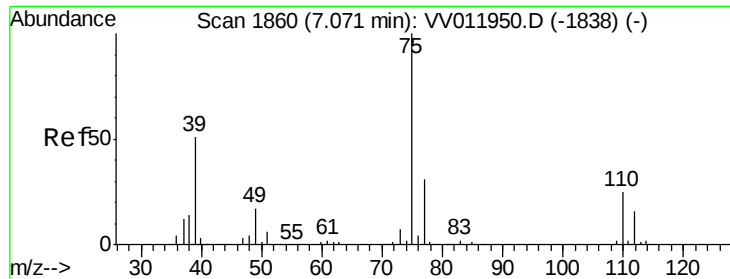
#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011957.D
Acq: 22 Jul 2019 19:37

Tgt Ion: 63 Resp: 5834
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

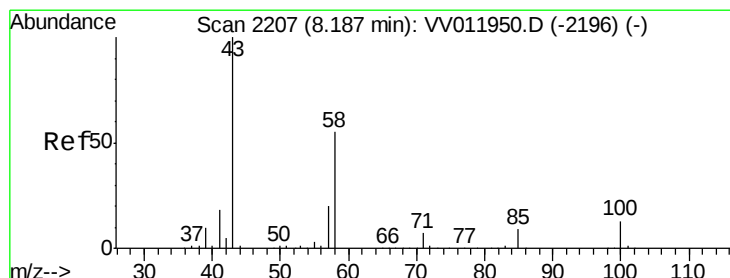
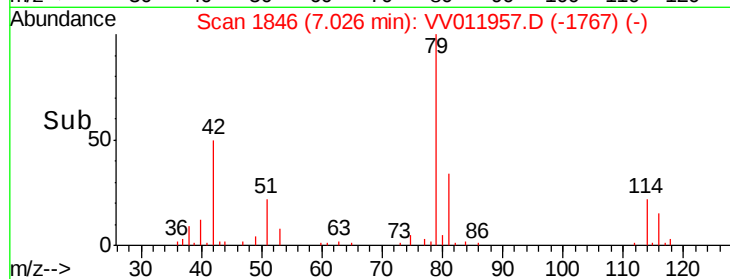
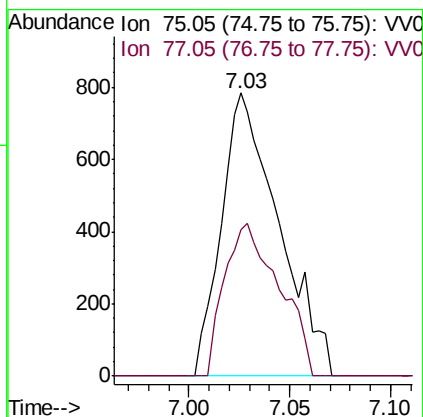
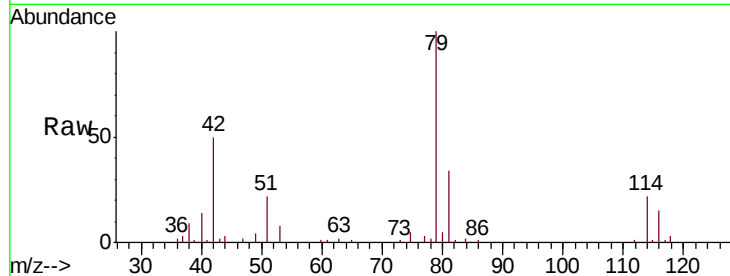




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV011957.D
 Acq: 22 Jul 2019 19:37

Instrument :
 MSVOA_V
 ClientSampleId :
 A52K0

Tgt Ion: 75 Resp: 1555
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.3 39.6#



#48
 2-Hexanone
 Concen: 3.292 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011957.D
 Acq: 22 Jul 2019 19:37

Tgt Ion: 43 Resp: 11393
 Ion Ratio Lower Upper
 43 100
 58 28.7 43.7 65.5#
 57 26.0 16.0 24.0#
 100 1.1 10.5 15.7#

