

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111818\
 Data File : VV008637.D
 Acq On : 17 Nov 2018 19:00
 Operator : SY/MD
 Sample : J5947-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Nov 19 03:02:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 02:55:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	131539	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52508	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26017	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.59	69	21915	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	39505	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.96	46	101670	48.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	4.41	84	72022	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.09	65	39072	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	143970	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	46838	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	129261	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	15163	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.14	63	77302	44.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32637	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	43384	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

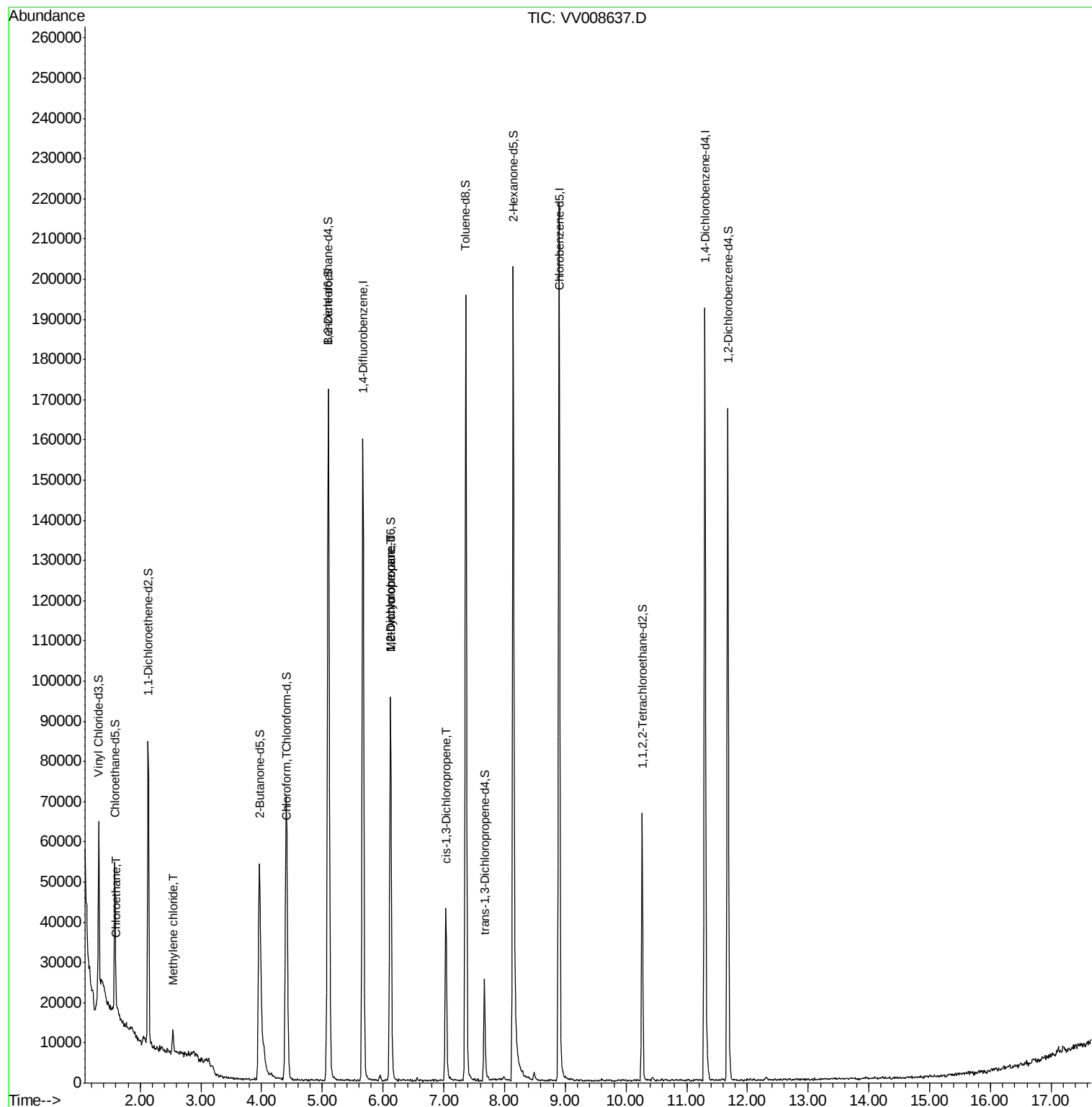
					Ovalue
8) Chloroethane	1.61	64	455	0.093 ug/L #	51
16) Methylene chloride	2.54	84	2092	0.282 ug/L	99
25) Chloroform	4.43	83	4355	0.206 ug/L	97
35) Methylcyclohexane	6.12	83	10648	0.629 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5350	0.538 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	987	0.074 ug/L	86

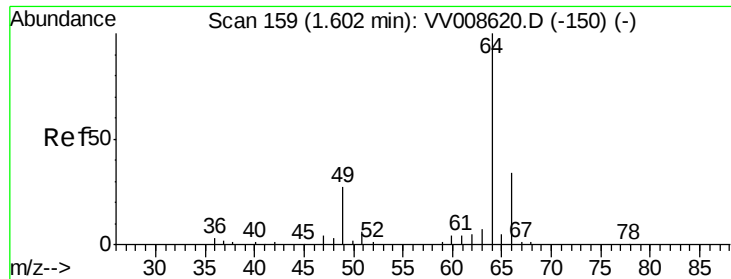
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.093 ug/L

RT: 1.61 min Scan# 161

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

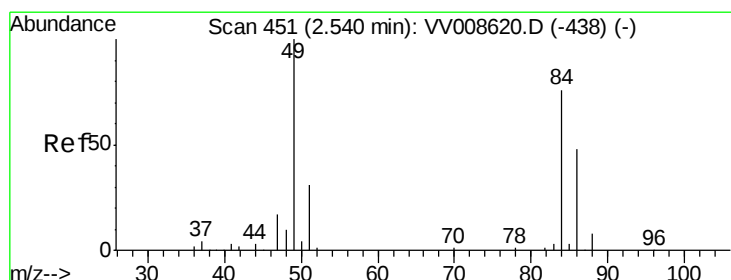
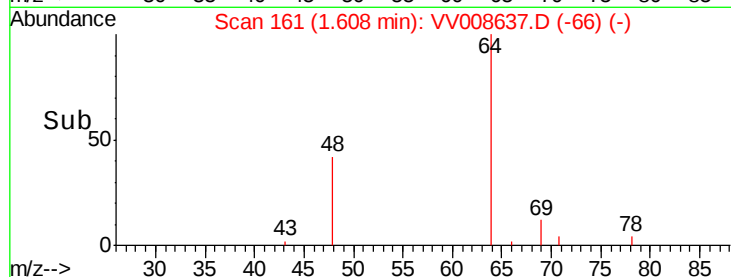
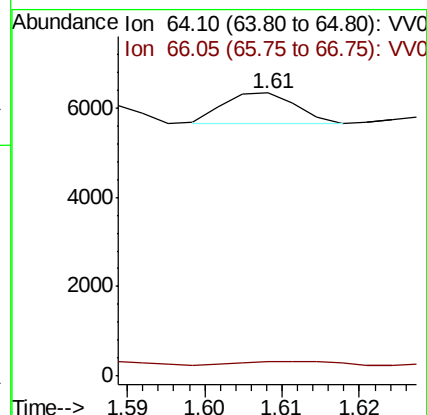
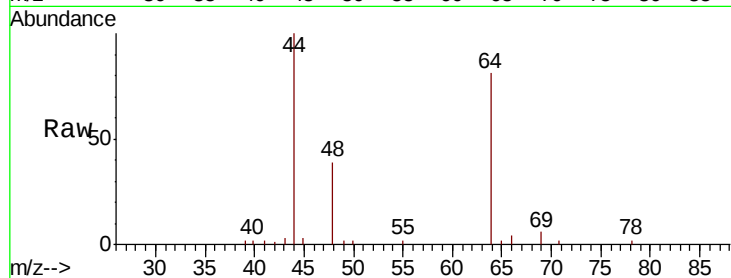
VHBLK01

Tot Ion: 64 Resp: 455

Ion Ratio Lower Upper

64 100

66 5.1 22.7 42.3#



#16

Methylene chloride

Concen: 0.282 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008637.D

Acq: 17 Nov 2018 19:00

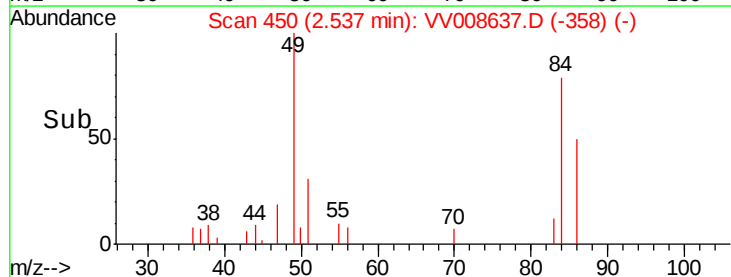
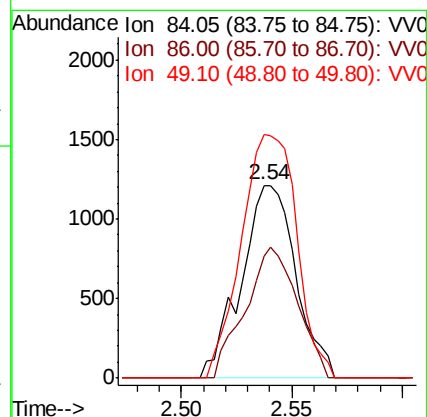
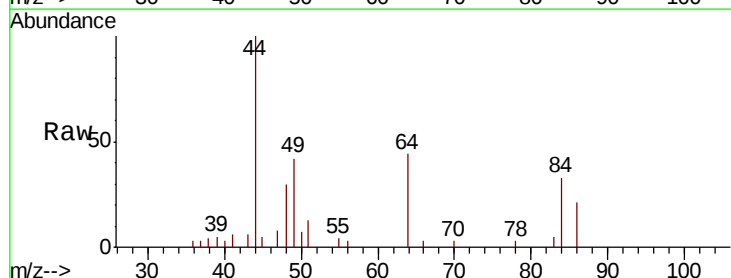
Tgt Ion: 84 Resp: 2092

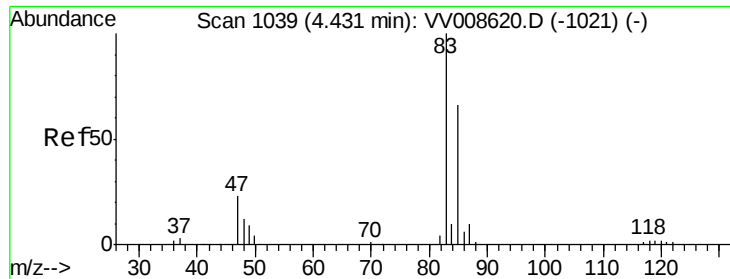
Ion Ratio Lower Upper

84 100

86 63.5 44.8 83.2

49 126.4 88.1 163.7

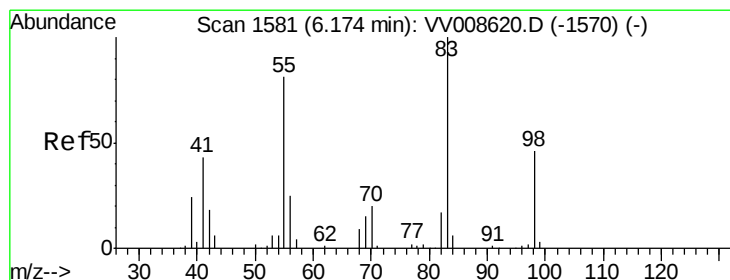
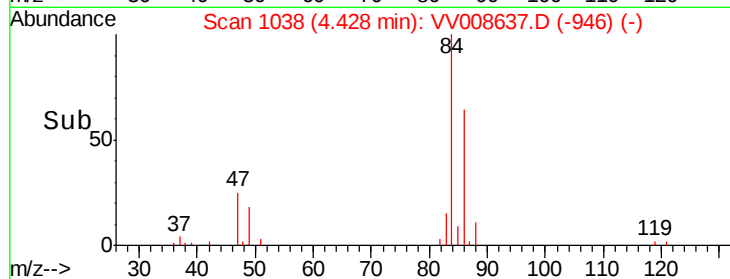
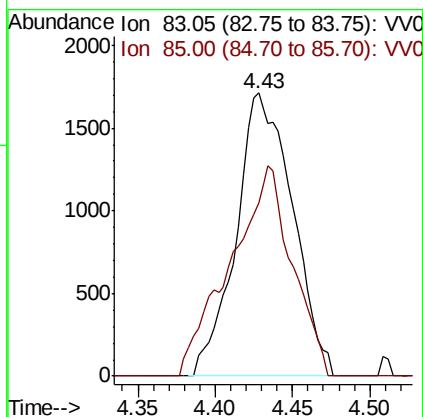
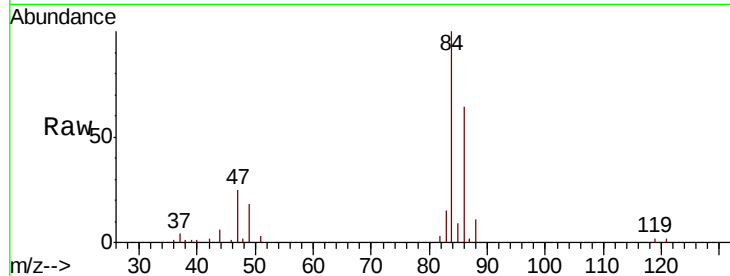




#25
Chloroform
Concen: 0.206 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV008637.D
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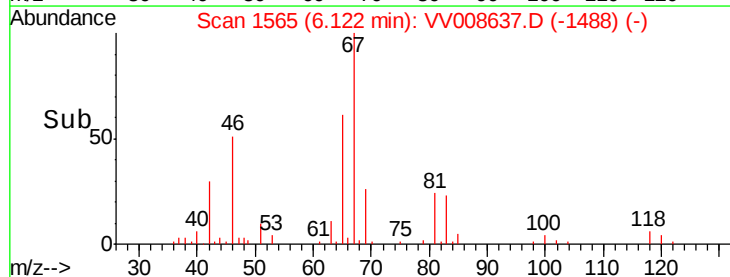
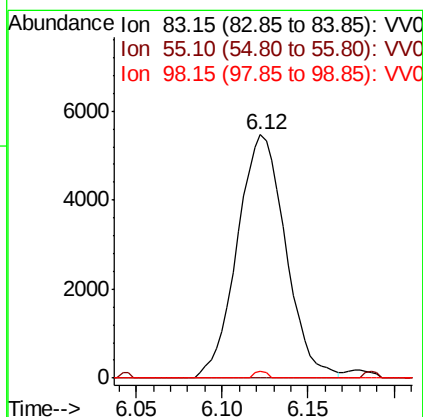
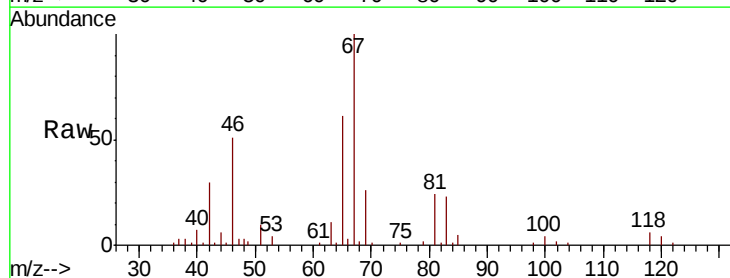
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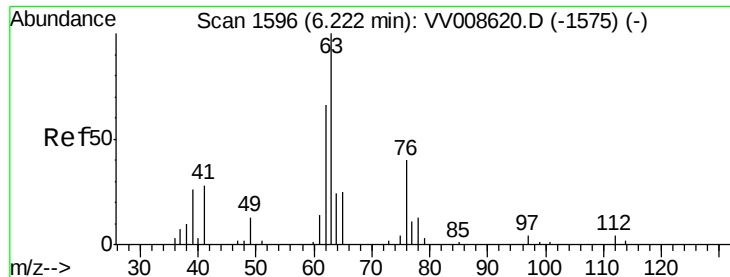
Tot Ion: 83 Resp: 4355
Ion Ratio Lower Upper
83 100
85 61.4 44.4 82.5



#35
Methylcyclohexane
Concen: 0.629 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008637.D
Acq: 17 Nov 2018 19:00

Tgt Ion: 83 Resp: 10648
Ion Ratio Lower Upper
83 100
55 0.7 65.6 98.4#
98 0.8 36.4 54.6#

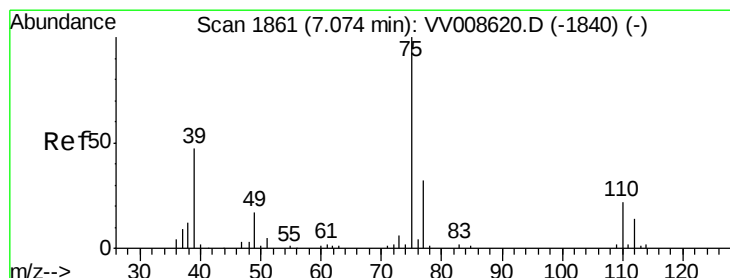
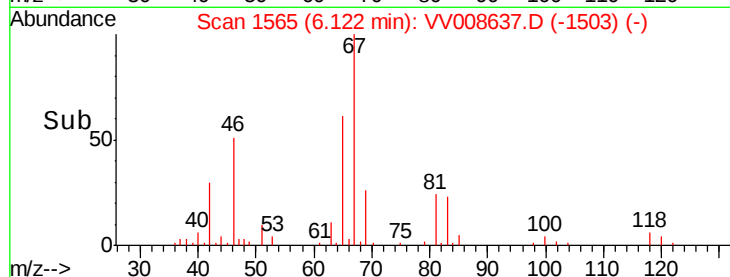
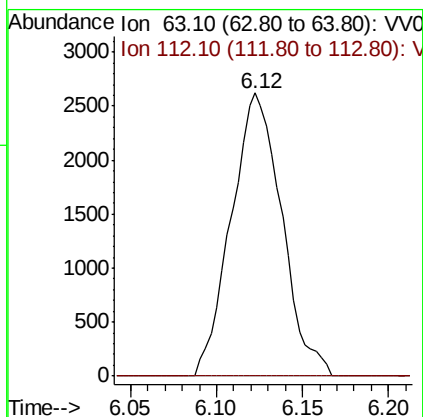
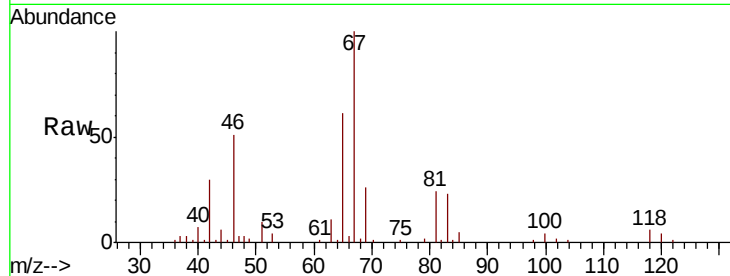




#37
 1,2-Dichloropropane
 Concen: 0.538 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008637.D
 Acq: 17 Nov 2018 19:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion: 63 Resp: 5350
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV008637.D
 Acq: 17 Nov 2018 19:00

Tgt Ion: 75 Resp: 987
 Ion Ratio Lower Upper
 75 100
 77 41.0 23.0 42.8

