

Data File : VV011227.D
Acq On : 05 Jun 2019 14:07
Operator : SY/MD
Sample : K3197-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P71

Quant Time: Jun 06 05:47:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	174133	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20803	1.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	31.60%#
7) Chloroethane-d5	1.58	69	17256	1.57	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	31.40%#
11) 1,1-Dichloroethene-d2	2.12	63	33542	1.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	25.40%#
20) 2-Butanone-d5	3.96	46	43011	14.48	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	28.96%#
24) Chloroform-d	4.40	84	36168	1.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	31.20%#
26) 1,2-Dichloroethane-d4	5.08	65	20001	1.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	31.80%#
32) Benzene-d6	5.09	84	75780	1.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	32.00%#
36) 1,2-Dichloropropane-d6	6.12	67	23130	1.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	31.60%#
41) Toluene-d8	7.36	98	68609	1.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	31.40%#
43) trans-1,3-Dichloropropene-	7.66	79	7265	1.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	26.00%#
46) 2-Hexanone-d5	8.14	63	33907	14.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	28.82%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	14981	1.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	30.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	21458	1.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	33.20%#

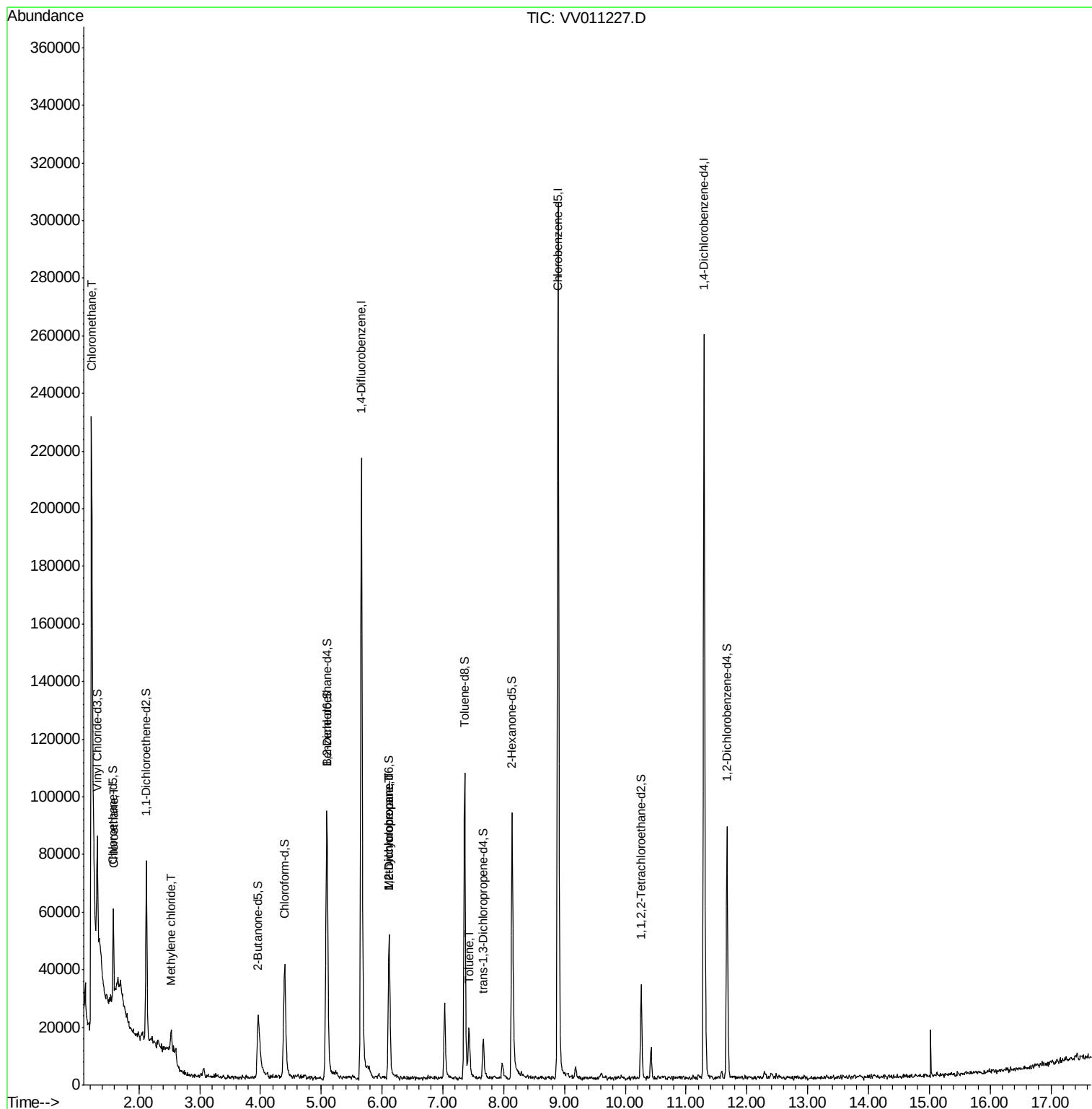
Target Compounds					Qvalue
3) Chloromethane	1.22	50	8536	0.514 ug/L #	43
8) Chloroethane	1.59	64	2730	0.267 ug/L #	57
16) Methylene chloride	2.53	84	2775	0.245 ug/L	94
35) Methylcyclohexane	6.11	83	5947	0.276 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	2759	0.220 ug/L #	86
42) Toluene	7.43	91	10879	0.202 ug/L	95

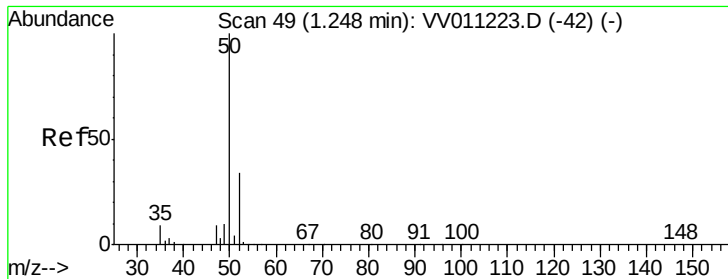
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.514 ug/L

RT: 1.22 min Scan# 41

Delta R.T. -0.03 min

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Acq: 05 Jun 2019 14:07

Instrument :

MSVOA_V

ClientSampleId :

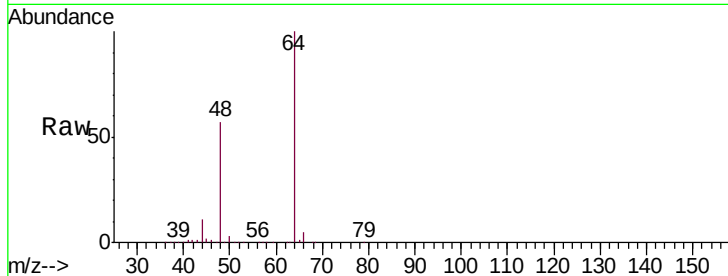
F9P71

Tgt Ion: 50 Resp: 8536

Ion Ratio Lower Upper

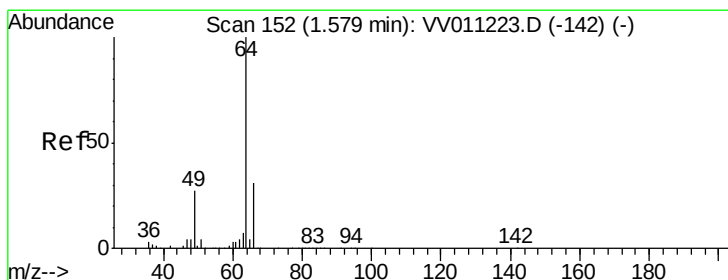
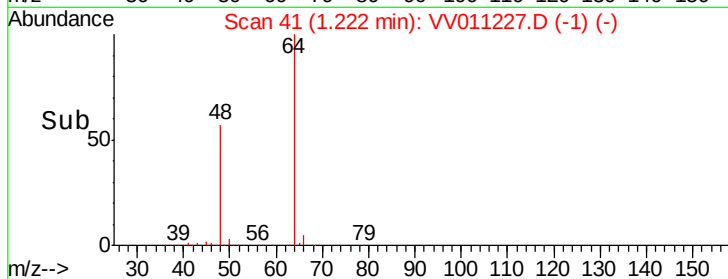
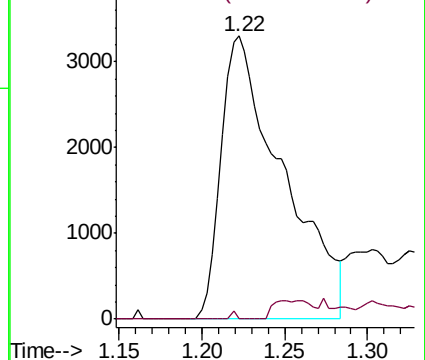
50 100

52 0.0 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.267 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.01 min

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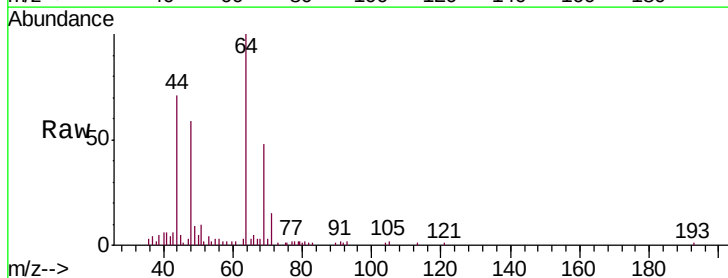
Acq: 05 Jun 2019 14:07

Tgt Ion: 64 Resp: 2730

Ion Ratio Lower Upper

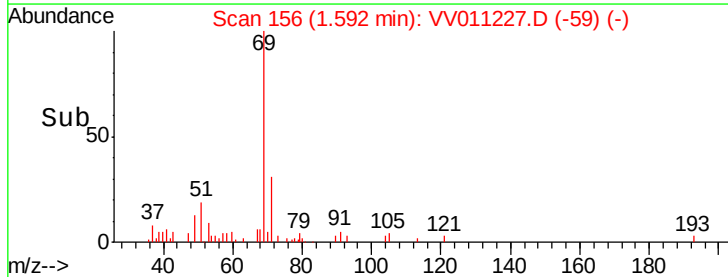
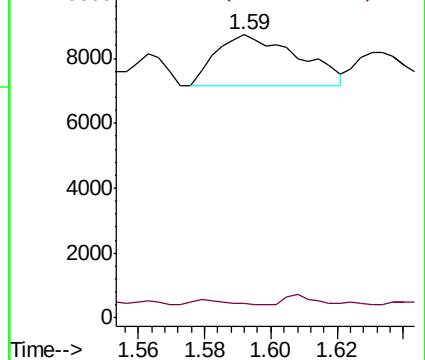
64 100

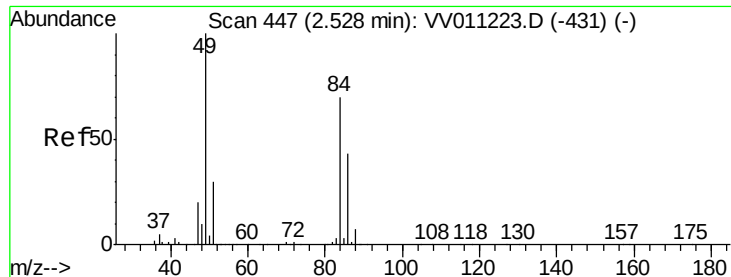
66 5.3 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

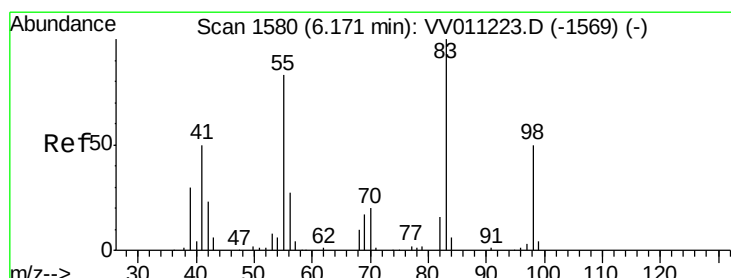
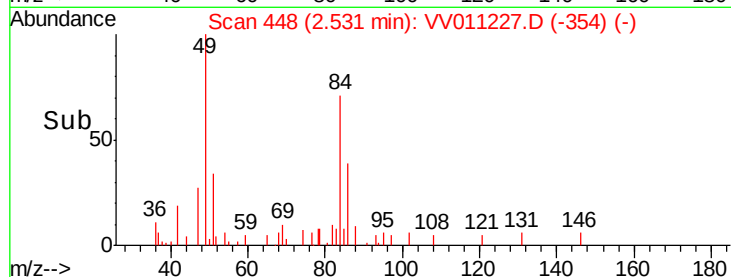
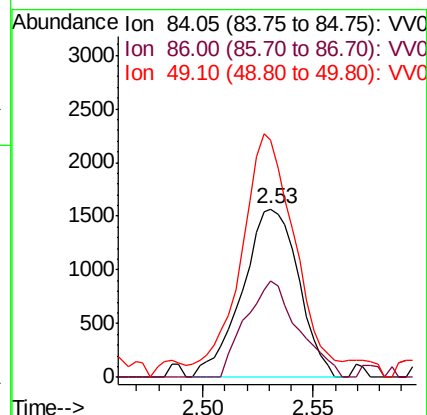
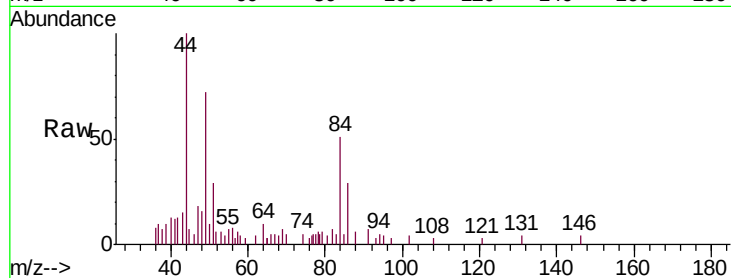




#16
Methylene chloride
Concen: 0.245 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
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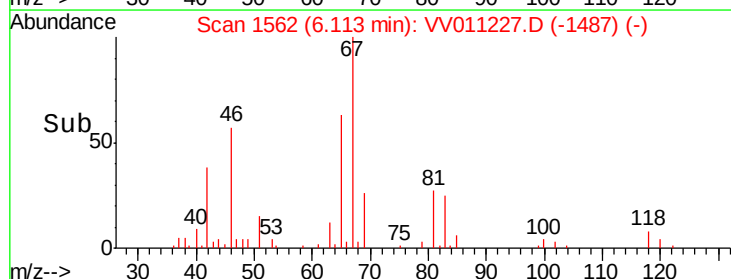
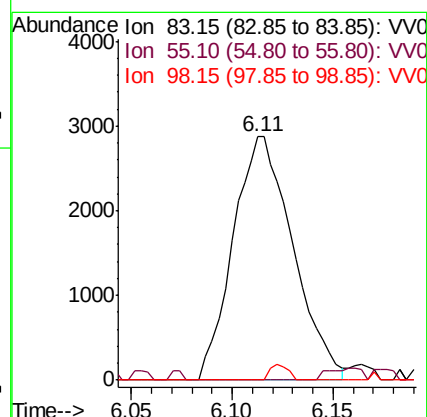
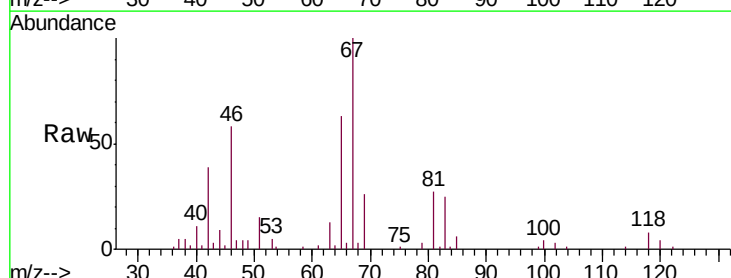
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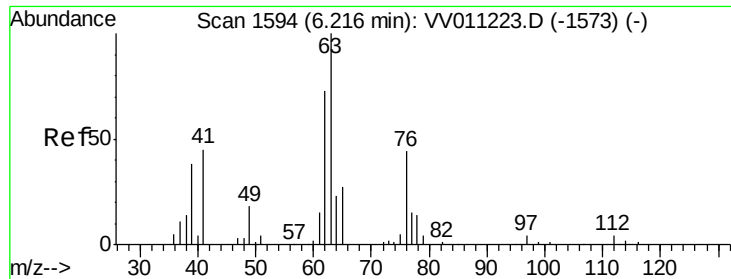
Tgt Ion: 84 Resp: 2775
Ion Ratio Lower Upper
84 100
86 57.2 44.9 83.3
49 140.7 102.1 189.5



#35
Methylcyclohexane
Concen: 0.276 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011227.D
Acq: 05 Jun 2019 14:07

Tgt Ion: 83 Resp: 5947
Ion Ratio Lower Upper
83 100
55 2.7 67.0 100.6#
98 1.9 40.0 60.0#

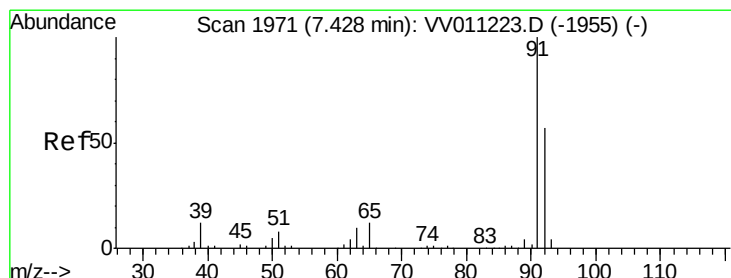
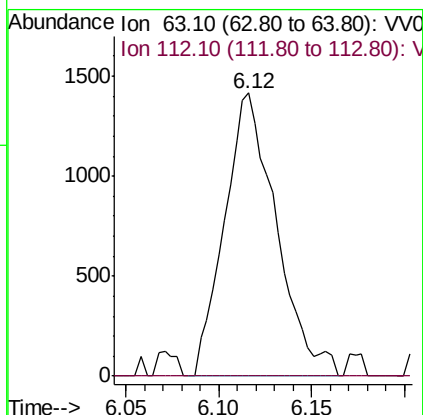
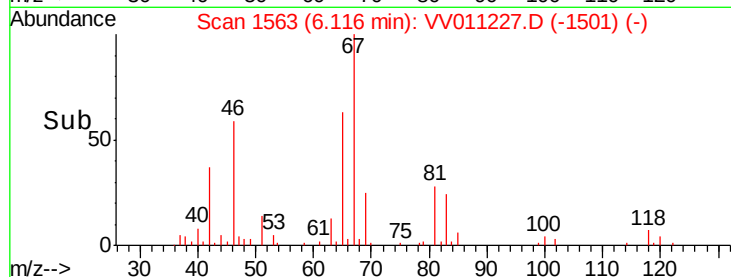
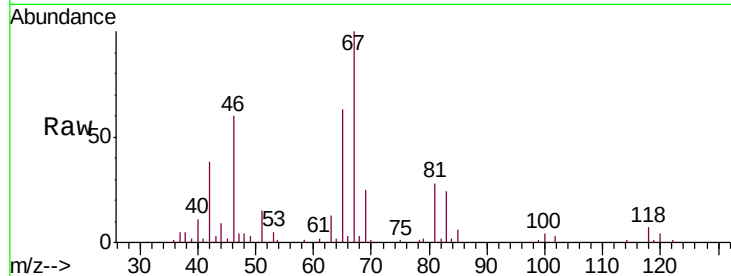




#37
 1,2-Dichloropropane
 Concen: 0.220 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011227.D
 Acq: 05 Jun 2019 14:07

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P71

Tgt Ion: 63 Resp: 2759
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 Toluene
 Concen: 0.202 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011227.D
 Acq: 05 Jun 2019 14:07

Tgt Ion: 91 Resp: 10879
 Ion Ratio Lower Upper
 91 100
 92 53.7 39.9 74.1

