

Data File : VV011050.D
Acq On : 24 May 2019 04:07
Operator : SY/MD
Sample : K3016-18
Misc : 5.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D5

Quant Time: May 24 09:07:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	80261	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	82085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32197	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15347	16.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.08%
7) Chloroethane-d5	1.57	69	12987	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
10) 1,1-Dichloroethene-d2	2.12	63	23495	13.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.40%
20) 2-Butanone-d5	4.04	46	103	0.33	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.66%#
24) Chloroform-d	4.40	84	52746	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	5.08	65	31443	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.68%
29) Benzene-d6	5.10	84	97676	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	6.12	67	35017	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	7.36	98	78373	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.24%
38) trans-1,3-Dichloropropene-	7.66	79	11296	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
39) 2-Hexanone-d5	8.13	63	19081	71.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41746	29.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	30344	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

Target Compounds

					Qvalue
6) Bromomethane	1.52	94	282	0.750 ug/L	27
13) Acetone	2.19	43	8238	27.057 ug/L	95
15) Methyl Acetate	2.46	43	2596	4.438 ug/L	93
35) Trichloroethene	5.66	95	2381	1.821 ug/L #	5
36) Methylcyclohexane	6.12	83	7908	4.091 ug/L #	23
40) 1,2-Dichloropropane	6.12	63	3591	2.888 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	4519	4.409 ug/L	97

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

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Instrument :
MSVOA_V
ClientSampleId :
A51D5

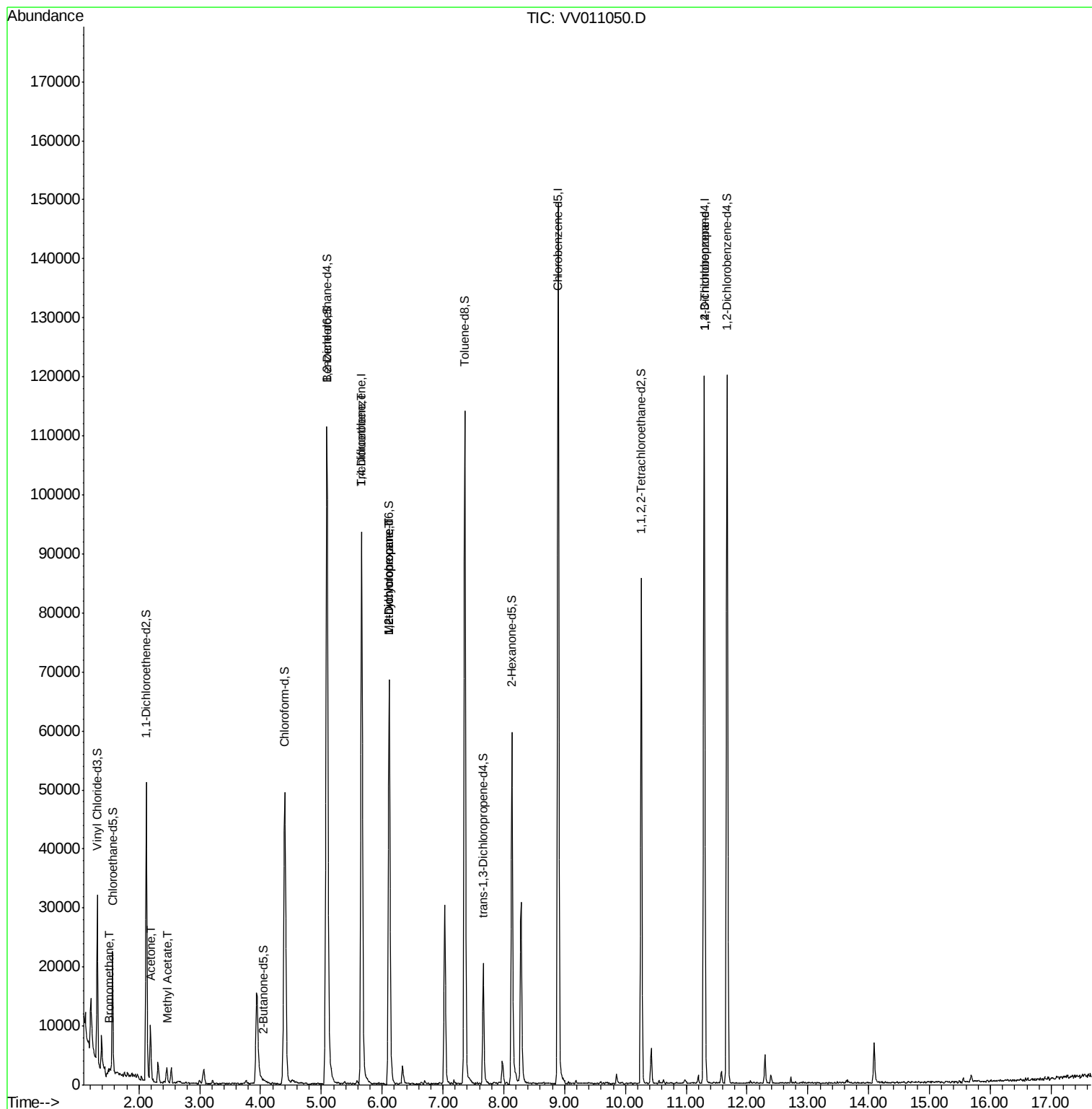
Quant Time: May 24 09:07:34 2019

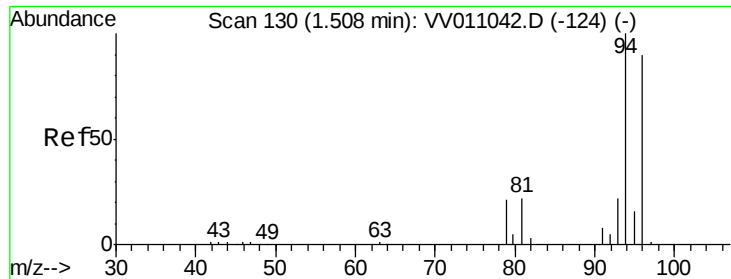
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Quant Title : VOC Analysis

QLast Update : Fri May 24 09:03:49 2019

Response via : Initial Calibration

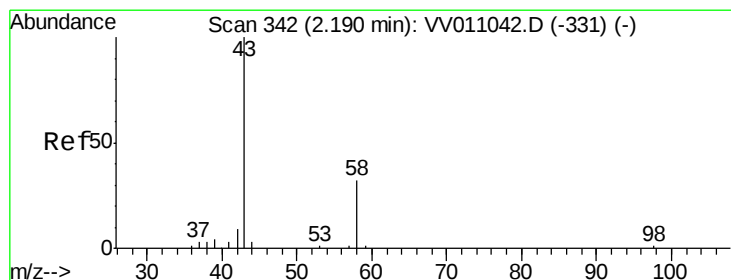
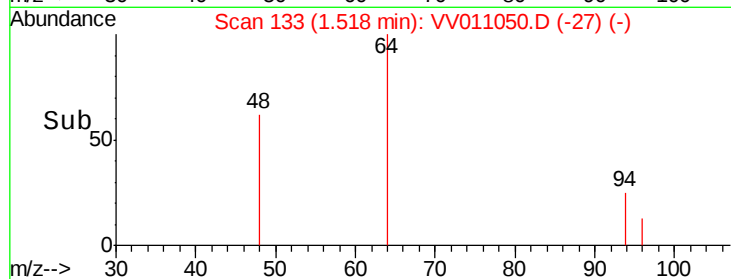
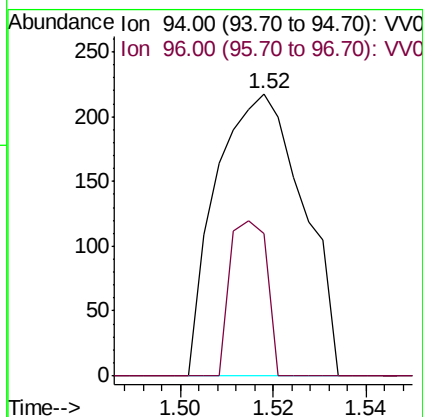
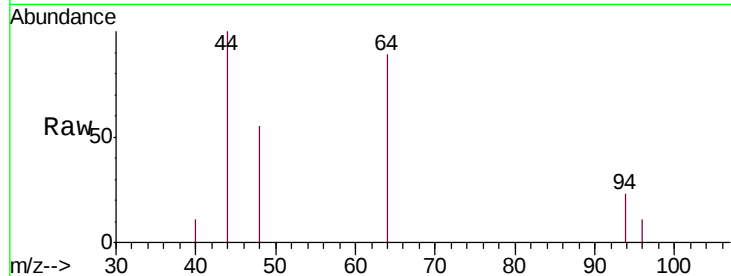




#6
 Bromomethane
 Concen: 0.750 ug/L
 RT: 1.52 min Scan# 133
 Delta R.T. 0.01 min
 Lab File: VV011050.D
 Acq: 24 May 2019 04:07

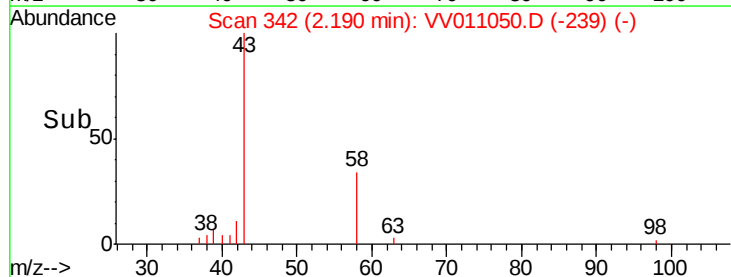
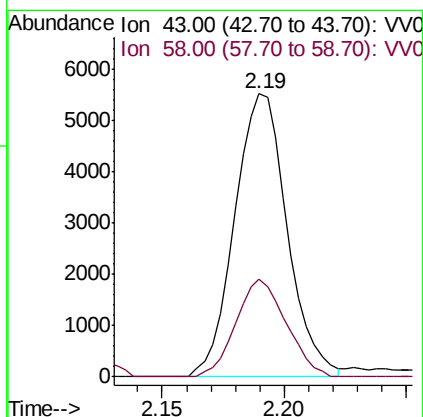
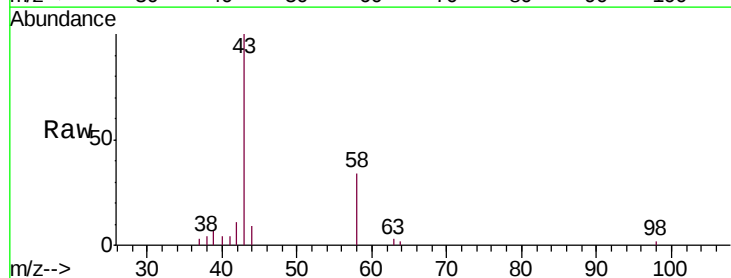
Instrument :
 MSVOA_V
 ClientSampleId :
 A51D5

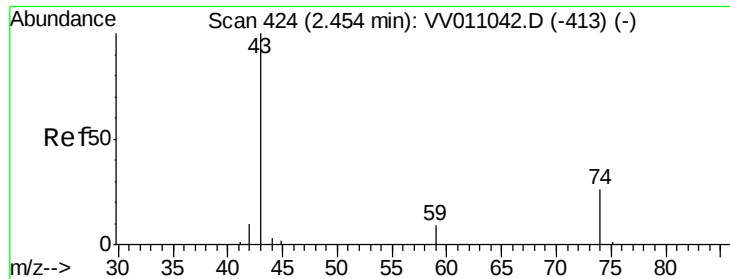
Tgt Ion: 94 Resp: 282
 Ion Ratio Lower Upper
 94 100
 96 23.4 9.3 177.7



#13
 Acetone
 Concen: 27.057 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV011050.D
 Acq: 24 May 2019 04:07

Tgt Ion: 43 Resp: 8238
 Ion Ratio Lower Upper
 43 100
 58 32.9 0.0 60.8

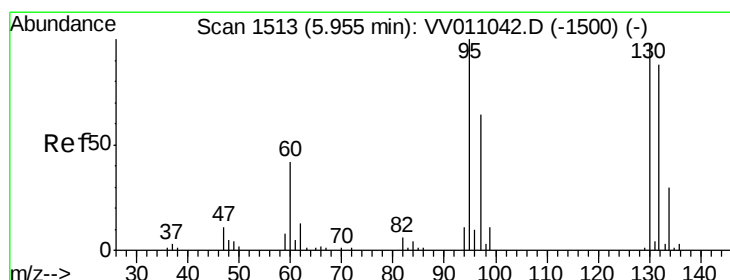
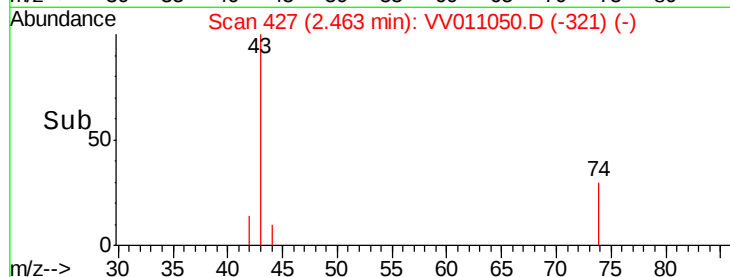
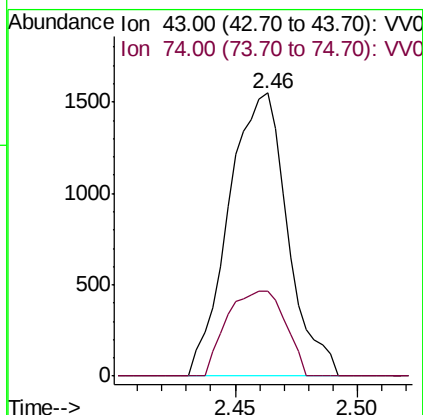
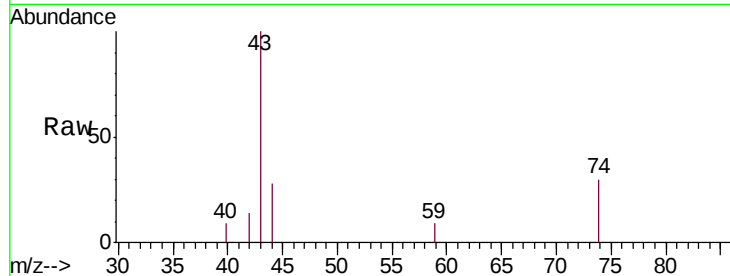




#15
Methyl Acetate
Concen: 4.438 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.01 min
Lab File: VV011050.D
Acq: 24 May 2019 04:07

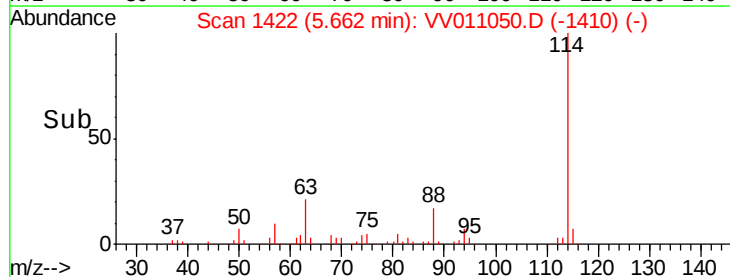
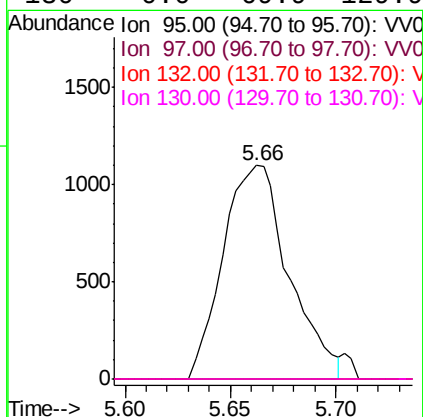
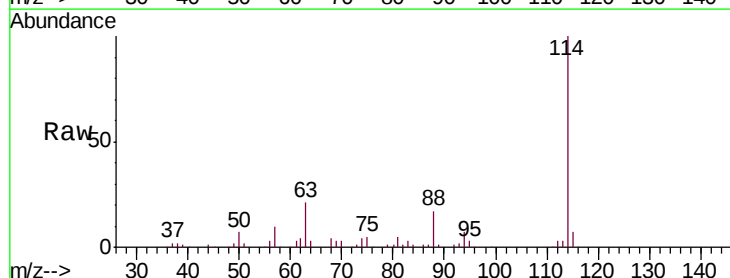
Instrument :
MSVOA_V
ClientSampleId :
A51D5

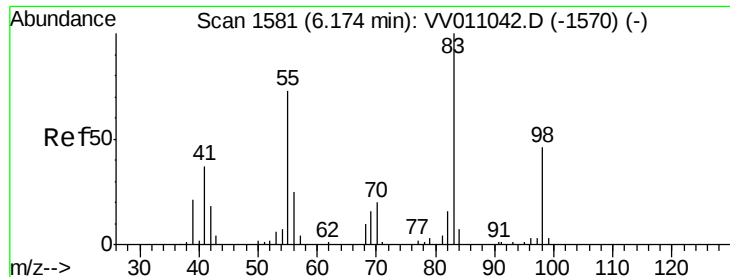
Tgt Ion: 43 Resp: 2596
Ion Ratio Lower Upper
43 100
74 29.8 21.1 31.7



#35
Trichloroethene
Concen: 1.821 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV011050.D
Acq: 24 May 2019 04:07

Tgt Ion: 95 Resp: 2381
Ion Ratio Lower Upper
95 100
97 0.0 43.4 80.6#
132 0.0 68.8 127.8#
130 0.0 69.9 129.9#

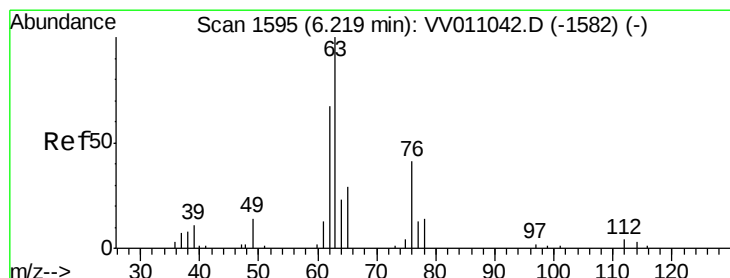
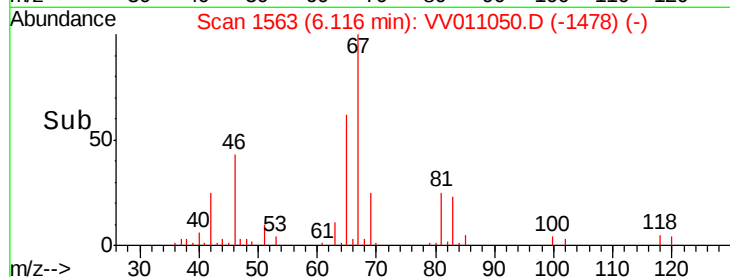
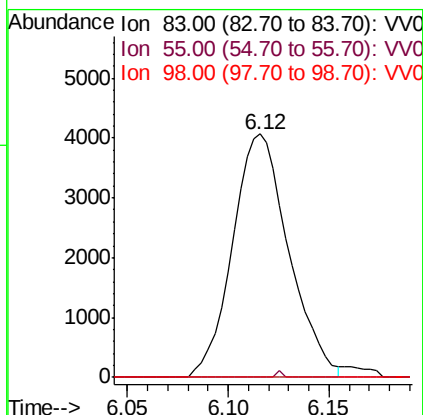
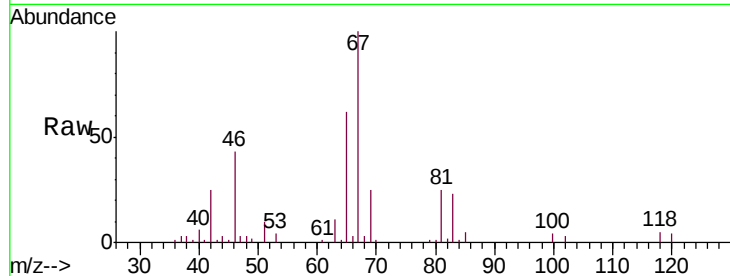




#36
Methylcyclohexane
Concen: 4.091 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011050.D
Acq: 24 May 2019 04:07

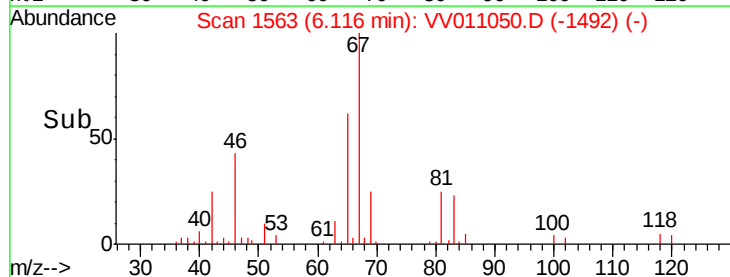
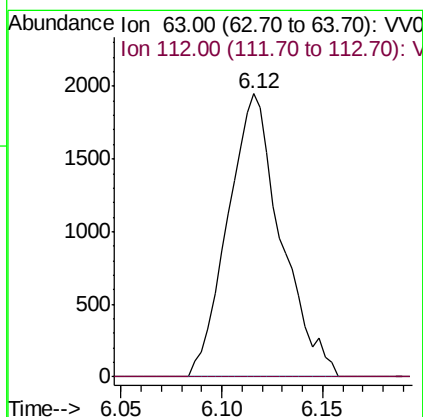
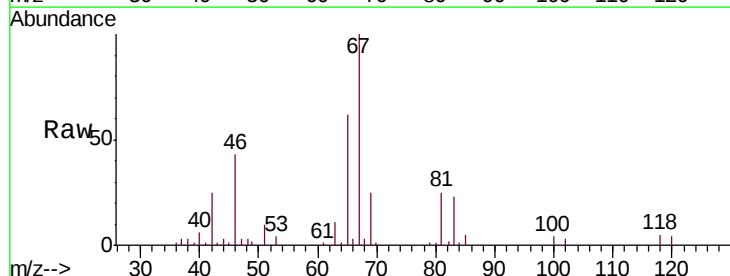
Instrument :
MSVOA_V
ClientSampled :
A51D5

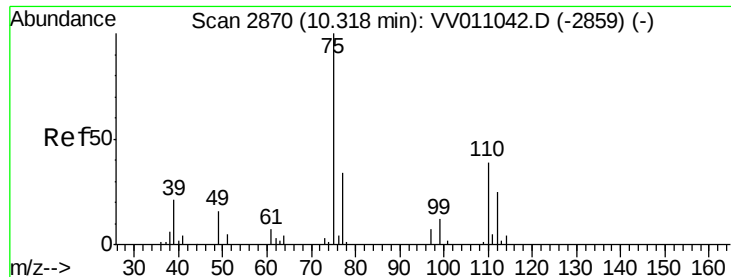
Tgt Ion: 83 Resp: 7908
Ion Ratio Lower Upper
83 100
55 2.8 57.0 85.4#
98 0.0 36.2 54.4#



#40
1,2-Dichloropropane
Concen: 2.888 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011050.D
Acq: 24 May 2019 04:07

Tgt Ion: 63 Resp: 3591
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 4.409 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011050.D

Acq: 24 May 2019 04:07

Instrument :

MSVOA_V

ClientSampleId :

A51D5

Tgt Ion: 75 Resp: 4519

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.2

