

Data File : VV011049.D
Acq On : 24 May 2019 03:39
Operator : SY/MD
Sample : K3016-17
Misc : 4.95G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D4

Quant Time: May 24 09:07:25 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	60501	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	57978	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12708	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.68%
7) Chloroethane-d5	1.57	69	9744	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
10) 1,1-Dichloroethene-d2	2.12	63	19572	14.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.04%
20) 2-Butanone-d5	3.94	46	22225	93.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.76%#
24) Chloroform-d	4.40	84	39145	24.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	5.08	65	24194	26.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.80%
29) Benzene-d6	5.09	84	73962	23.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.48%
33) 1,2-Dichloropropane-d6	6.12	67	26496	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.36%
37) Toluene-d8	7.36	98	58211	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.12%
38) trans-1,3-Dichloropropene-	7.66	79	8916	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.36%
39) 2-Hexanone-d5	8.13	63	15969	85.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.26%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34301	34.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.64%#
61) 1,2-Dichlorobenzene-d4	11.67	152	19523	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds

					Qvalue
6) Bromomethane	1.51	94	194	0.685 ug/L	85
13) Acetone	2.19	43	4904	21.367 ug/L	92
15) Methyl Acetate	2.46	43	1745	3.957 ug/L #	86
35) Trichloroethene	5.66	95	1560	1.689 ug/L #	5
36) Methylcyclohexane	6.11	83	6014	4.405 ug/L #	27
40) 1,2-Dichloropropane	6.12	63	2630	2.994 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	2313	3.195 ug/L	89

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
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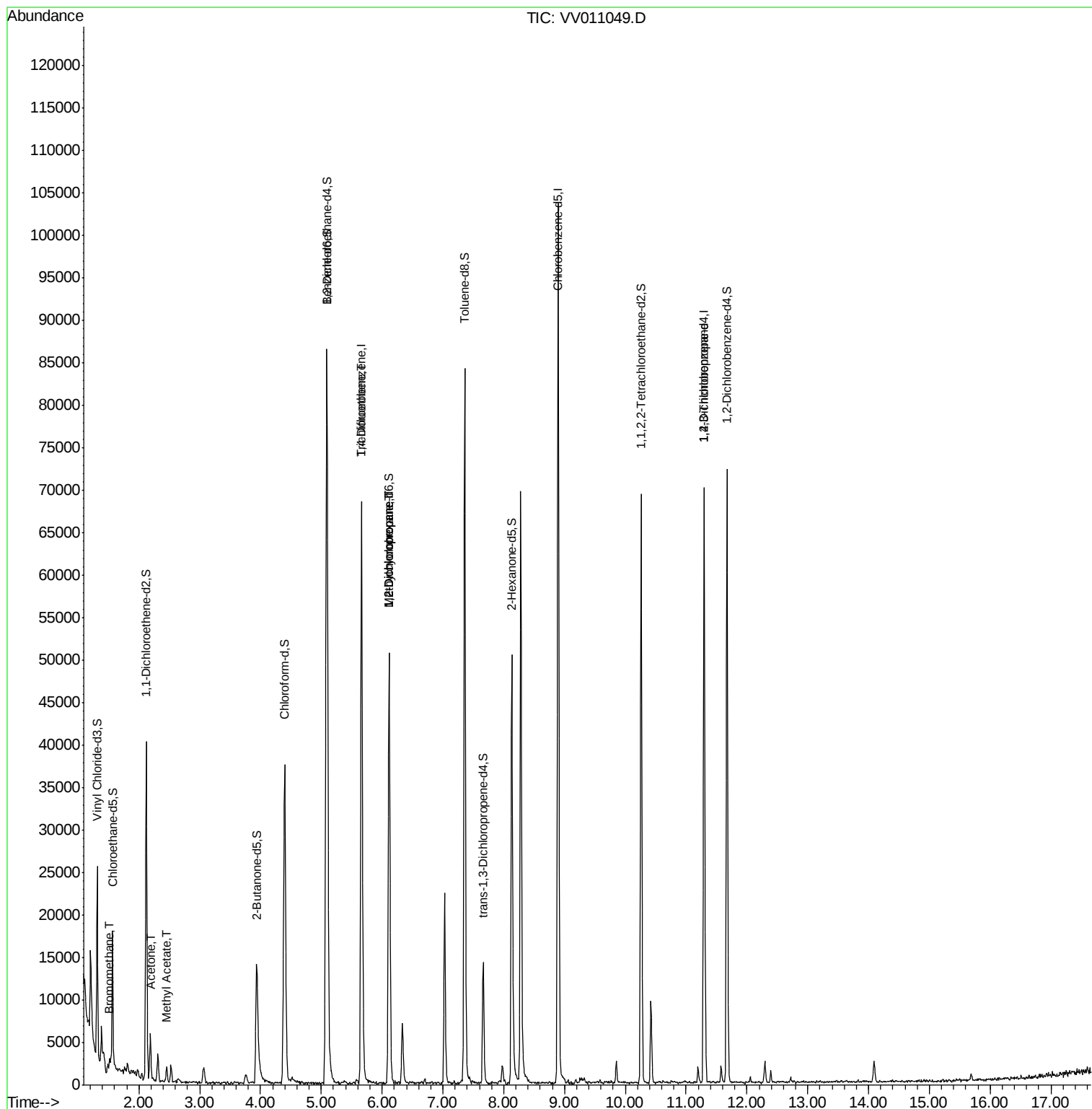
Quant Time: May 24 09:07:25 2019

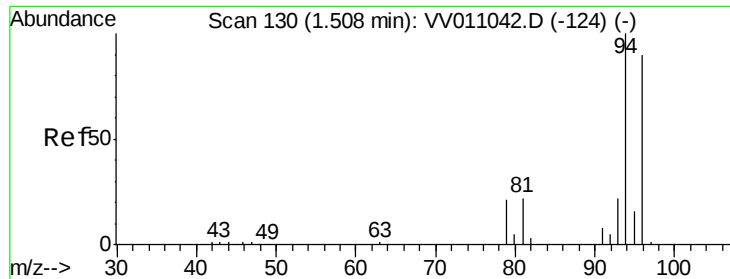
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Quant Title : VOC Analysis

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

Response via : Initial Calibration





#6

Bromomethane

Concen: 0.685 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.01 min

Lab File: VV011049.D

Acq: 24 May 2019 03:39

Instrument :

MSVOA_V

ClientSampled :

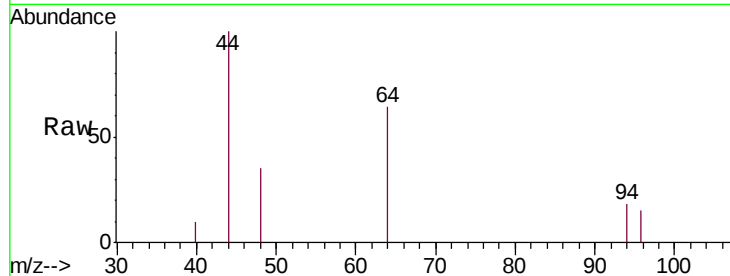
A51D4

Tgt Ion: 94 Resp: 194

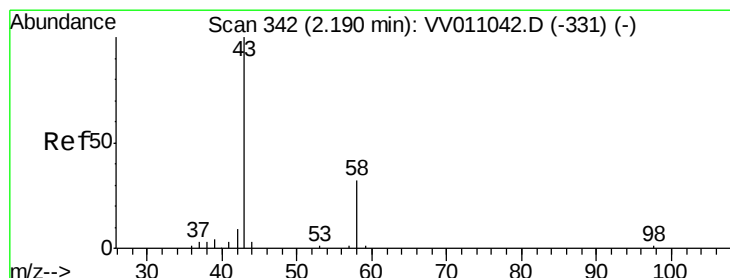
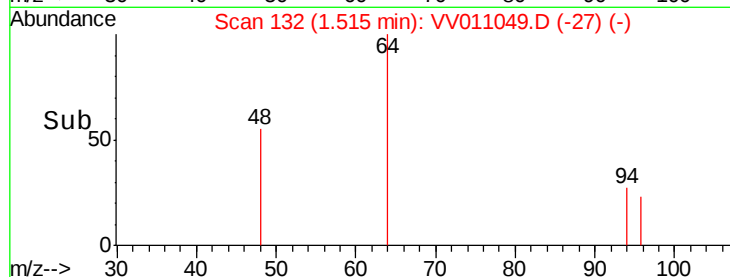
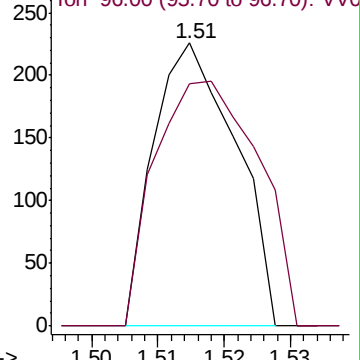
Ion Ratio Lower Upper

94 100

96 108.2 9.3 177.7



Abundance Ion 94.00 (93.70 to 94.70): VV011042.D (-124) (-)



#13

Acetone

Concen: 21.367 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011049.D

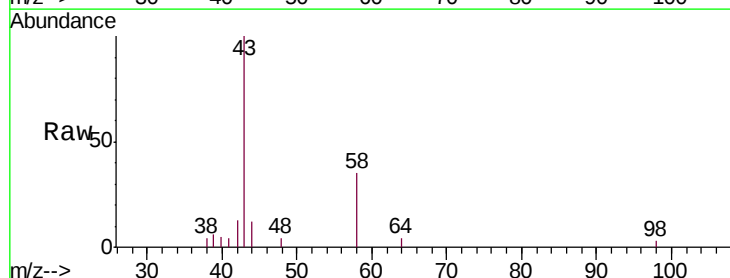
Acq: 24 May 2019 03:39

Tgt Ion: 43 Resp: 4904

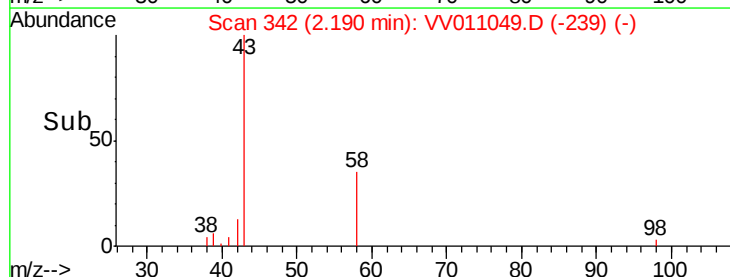
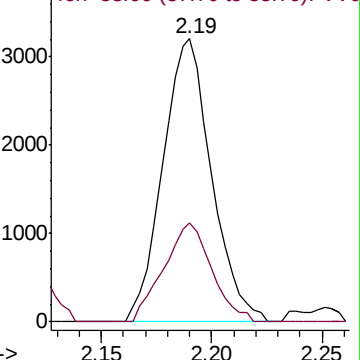
Ion Ratio Lower Upper

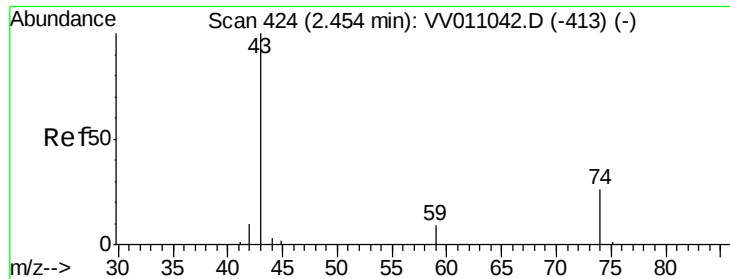
43 100

58 34.5 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011042.D (-331) (-)

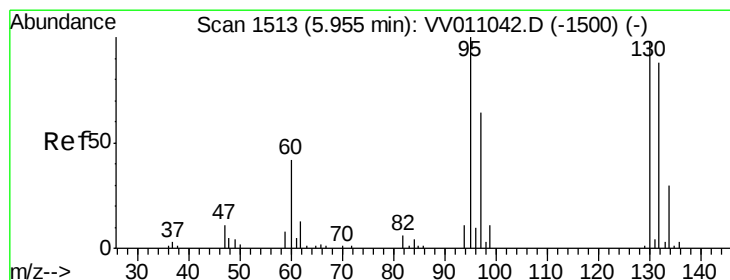
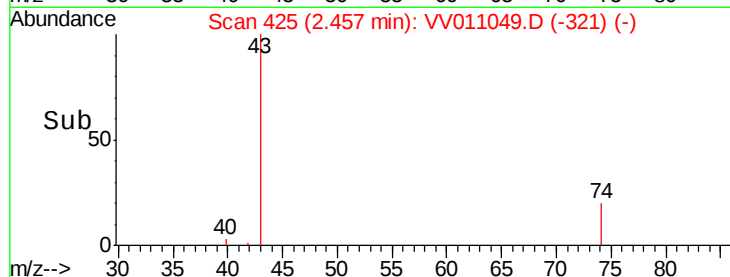
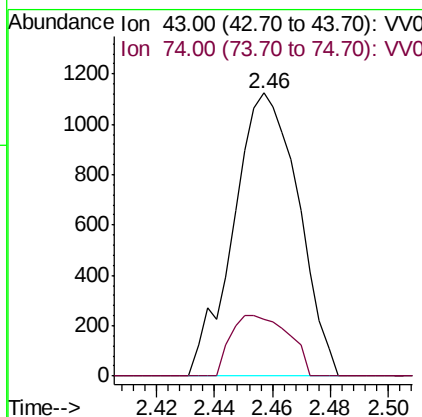
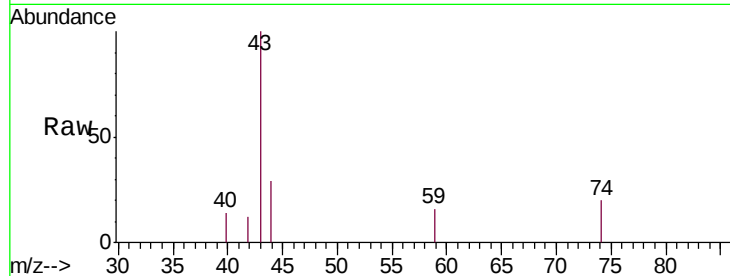




#15
Methyl Acetate
Concen: 3.957 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV011049.D
Acq: 24 May 2019 03:39

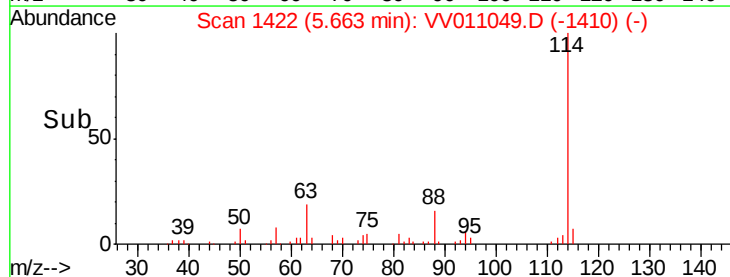
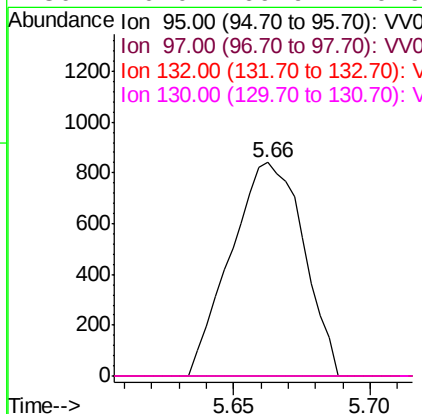
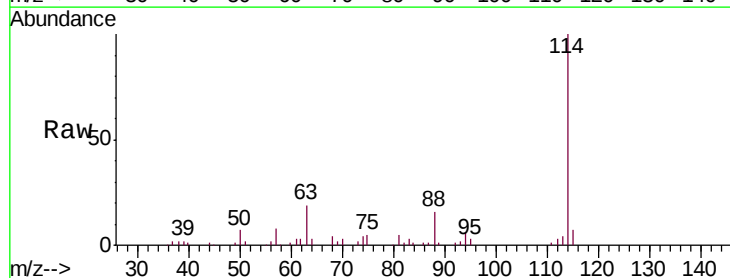
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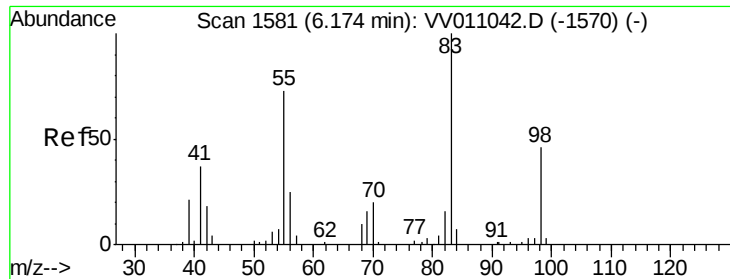
Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
74 19.0 21.1 31.7#



#35
Trichloroethene
Concen: 1.689 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV011049.D
Acq: 24 May 2019 03:39

Tgt Ion: 95 Resp: 1560
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#

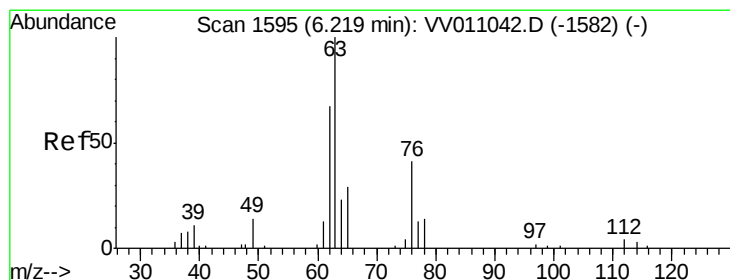
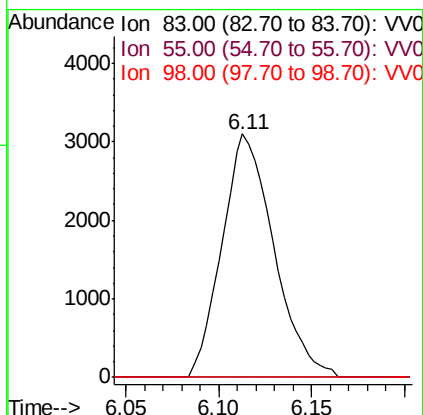
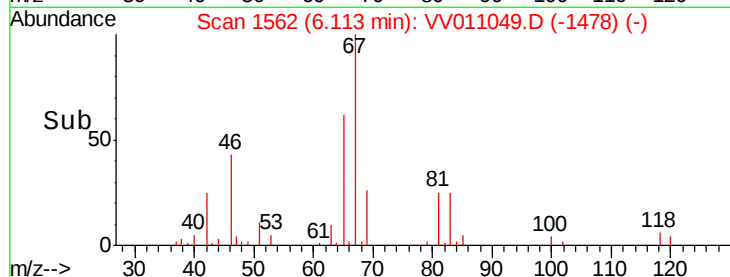
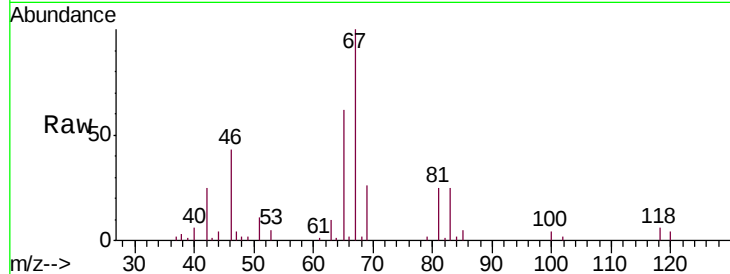




#36
Methylcyclohexane
Concen: 4.405 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011049.D
Acq: 24 May 2019 03:39

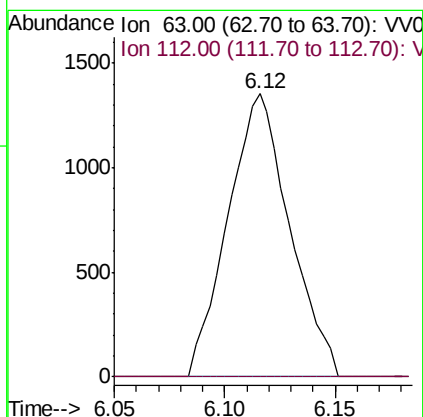
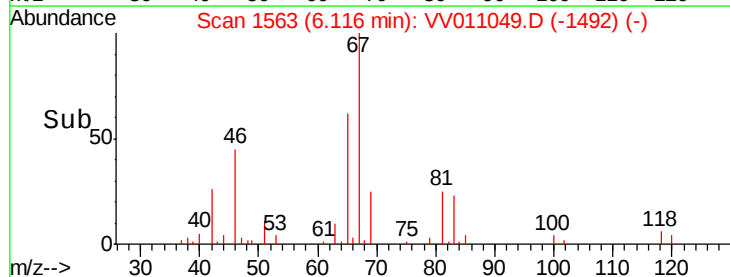
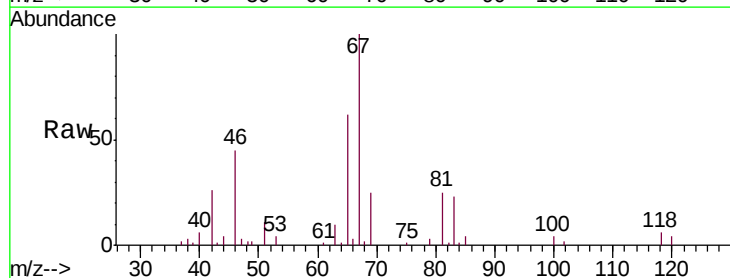
Instrument :
MSVOA_V
ClientSampleId :
A51D4

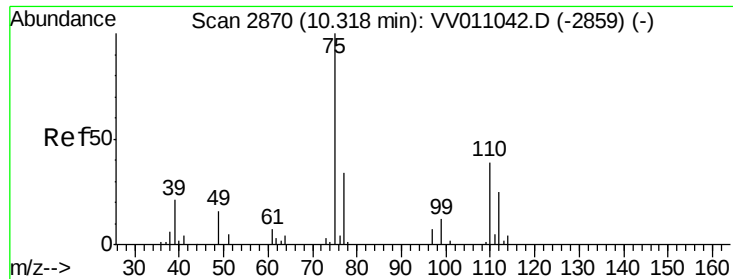
Tgt Ion: 83 Resp: 6014
Ion Ratio Lower Upper
83 100
55 9.3 57.0 85.4#
98 0.0 36.2 54.4#



#40
1,2-Dichloropropane
Concen: 2.994 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011049.D
Acq: 24 May 2019 03:39

Tgt Ion: 63 Resp: 2630
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 3.195 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV011049.D

Acq: 24 May 2019 03:39

Instrument :

MSVOA_V

ClientSampleId :

A51D4

Tgt Ion: 75 Resp: 2313

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2

