

Data File : VV009915.D
Acq On : 27 Mar 2019 00:41
Operator : SY/MD
Sample : K2101-08
Misc : 6.22G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0K6

Quant Time: Mar 27 01:50:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122521	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59627	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
7) Chloroethane-d5	1.58	69	106833	39.78	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	159.12%#
10) 1,1-Dichloroethene-d2	2.13	63	131585	19.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.40%
20) 2-Butanone-d5	3.95	46	32471	70.09	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.18%#
24) Chloroform-d	4.40	84	95642	30.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.56%
26) 1,2-Dichloroethane-d4	5.08	65	63870	34.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.00%#
29) Benzene-d6	5.10	84	189172	27.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.72%
33) 1,2-Dichloropropane-d6	6.12	67	61718	30.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.36%#
37) Toluene-d8	7.36	98	172912	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.96%
38) trans-1,3-Dichloropropene-	7.67	79	20412	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	8.14	63	24690	65.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59588	29.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	64284	28.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.68%

Target Compounds

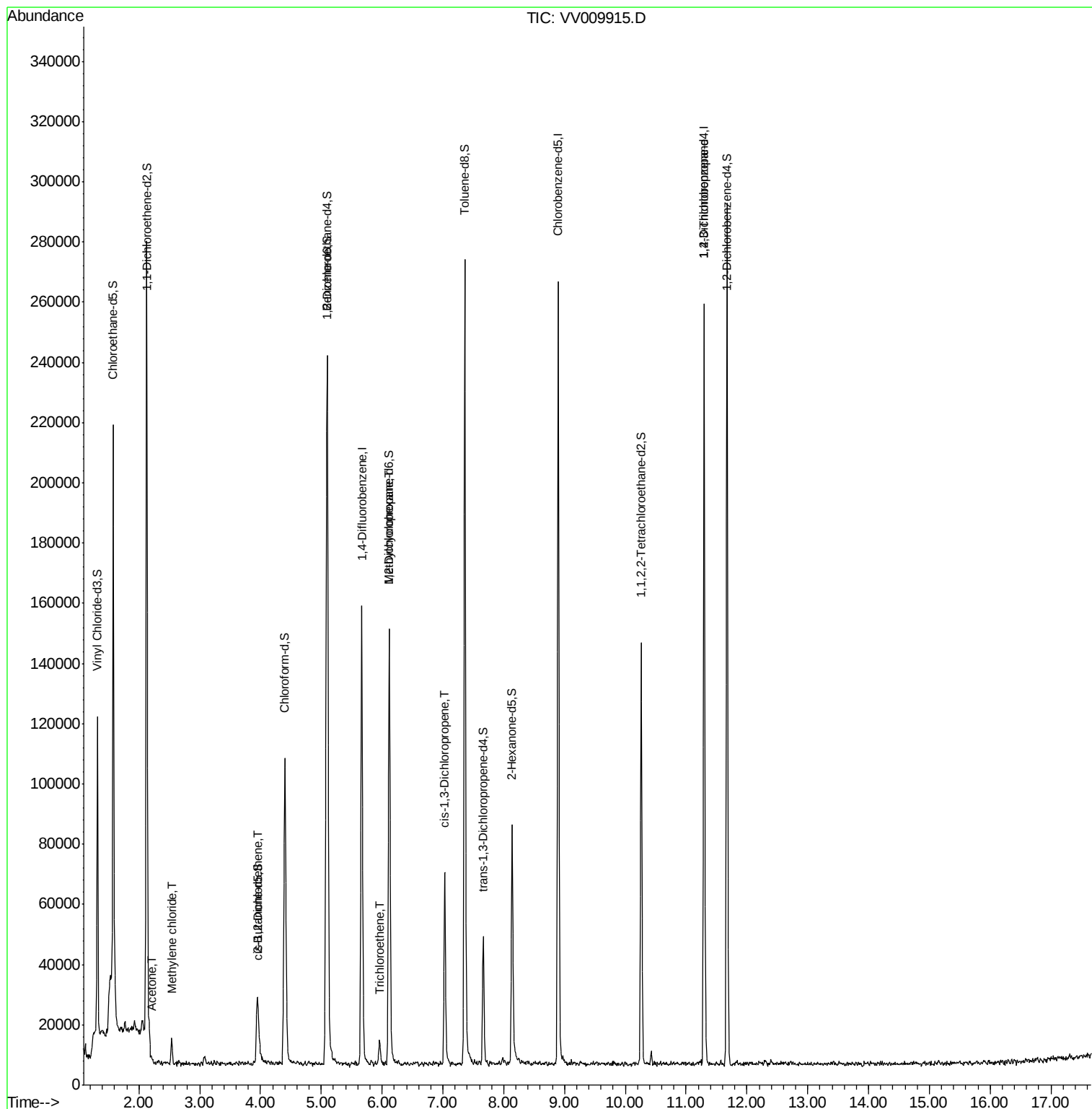
					Qvalue
13) Acetone	2.21	43	1317	1.877 ug/L	91
16) Methylene chloride	2.54	84	3286	1.629 ug/L	87
22) cis-1,2-Dichloroethene	3.97	96	1370	0.773 ug/L	77
35) Trichloroethene	5.96	95	1088	0.572 ug/L #	45
36) Methylcyclohexane	6.12	83	15299	5.127 ug/L #	20
42) cis-1,3-Dichloropropene	7.04	75	1920	0.731 ug/L	89
59) 1,2,3-Trichloropropene	11.30	75	9124	6.294 ug/L	89

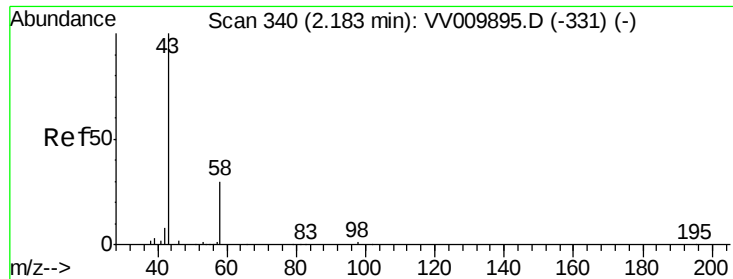
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 01:42:27 2019
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#13

Acetone

Concen: 1.877 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.02 min

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Acq: 27 Mar 2019 00:41

Instrument :

MSVOA_V

ClientSampleId :

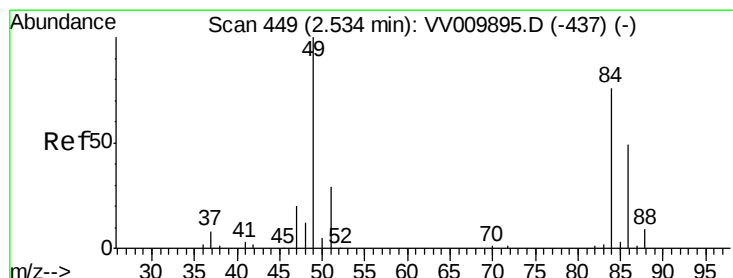
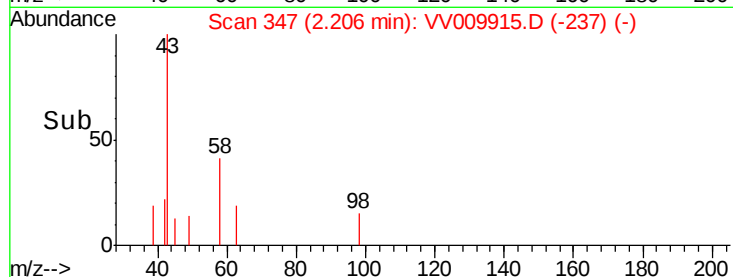
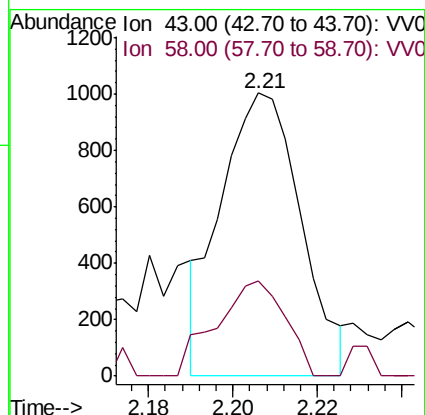
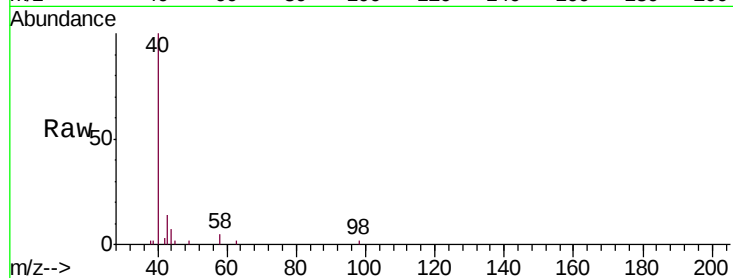
BF0K6

Tgt Ion: 43 Resp: 1317

Ion Ratio Lower Upper

43 100

58 24.8 0.0 59.4



#16

Methylene chloride

Concen: 1.629 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV009915.D

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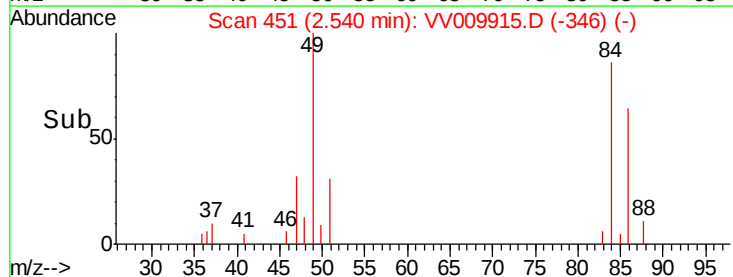
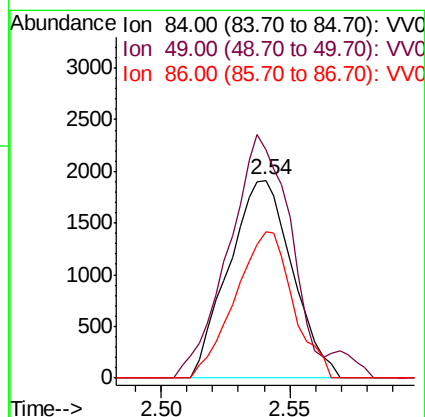
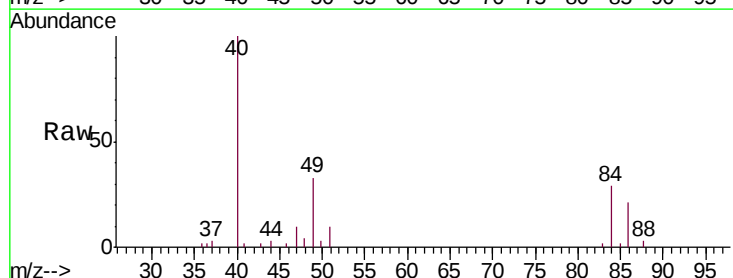
Tgt Ion: 84 Resp: 3286

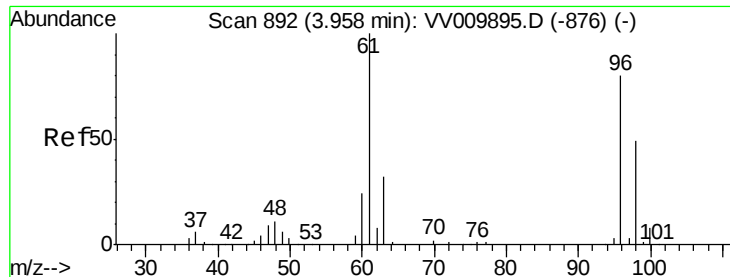
Ion Ratio Lower Upper

84 100

49 115.7 90.4 167.8

86 74.2 44.0 81.6



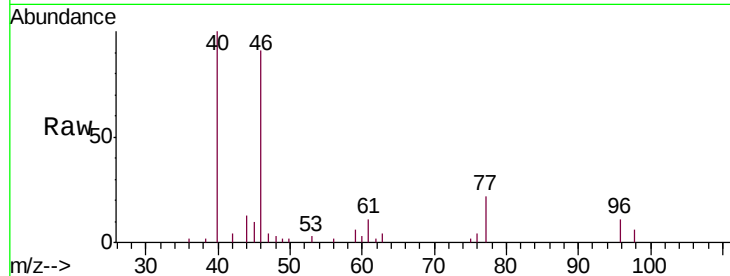


#22

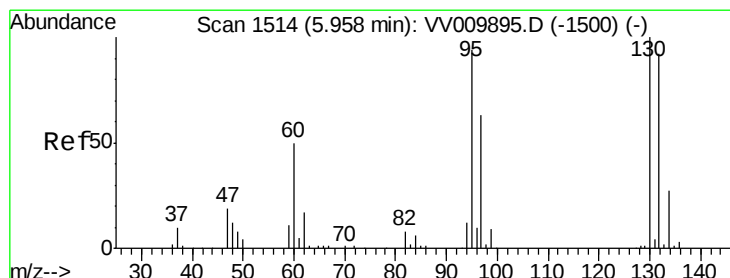
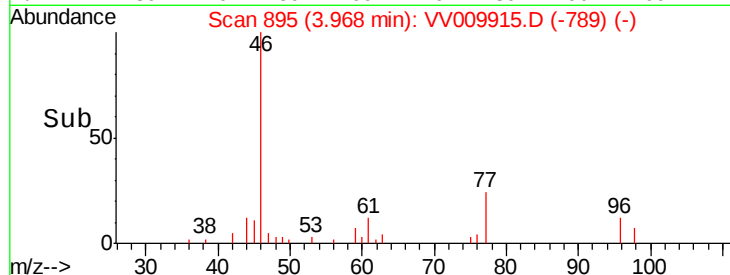
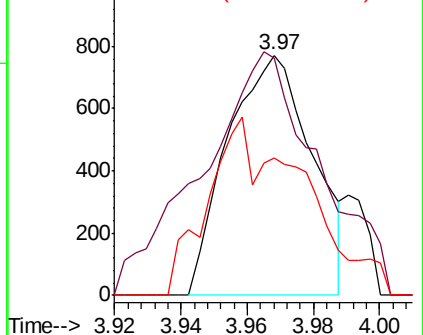
cis-1,2-Dichloroethene
Concen: 0.773 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV009915.D
Acq: 27 Mar 2019 00:41

Instrument :
MSVOA_V
ClientSampleId :
BF0K6

Tgt Ion: 96 Resp: 1370
Ion Ratio Lower Upper
96 100
61 98.6 91.4 169.8
98 57.3 48.0 89.2



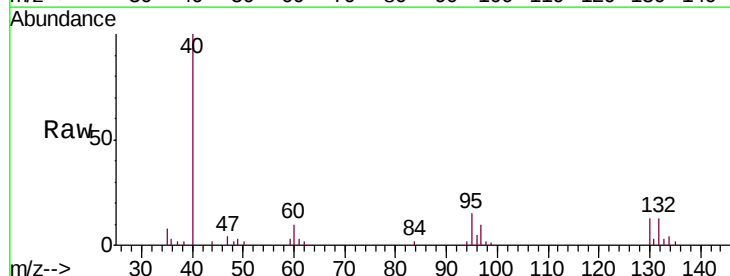
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



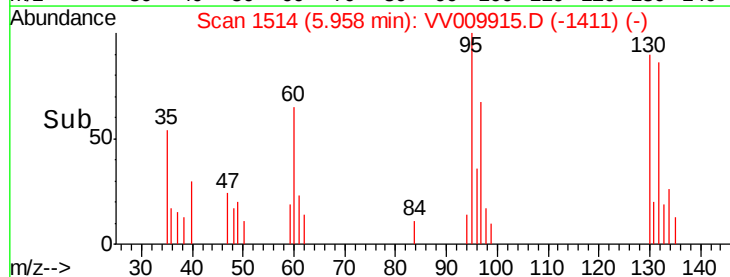
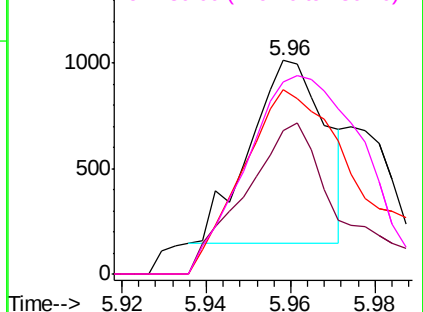
#35

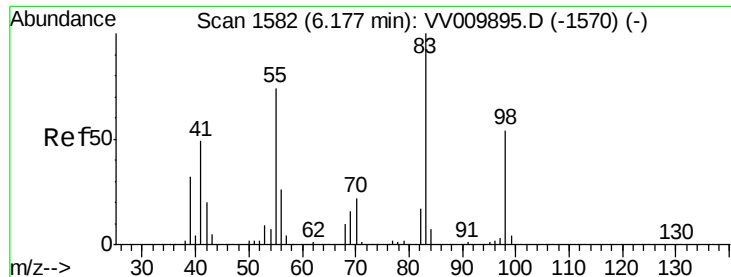
Trichloroethene
Concen: 0.572 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009915.D
Acq: 27 Mar 2019 00:41

Tgt Ion: 95 Resp: 1088
Ion Ratio Lower Upper
95 100
97 87.6 46.3 85.9#
132 159.1 69.3 128.7#
130 166.2 69.5 129.1#



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0

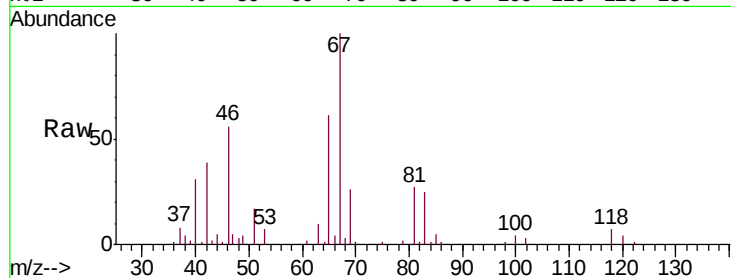




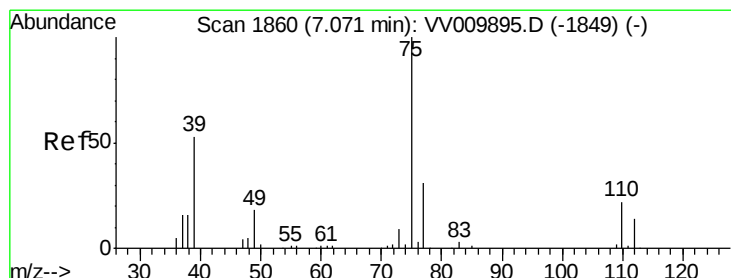
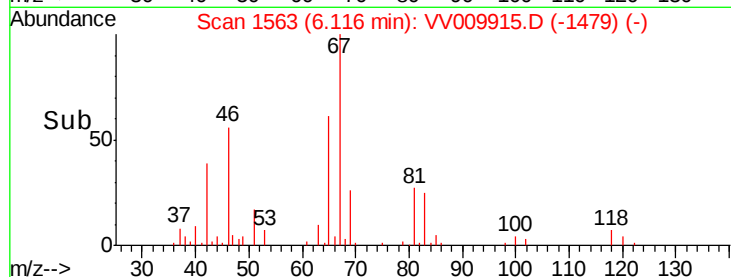
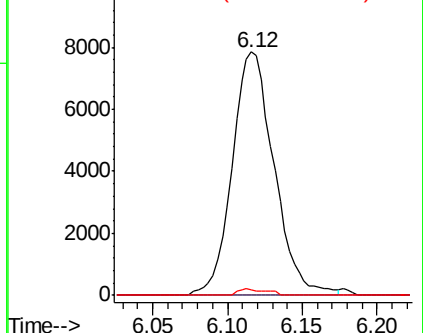
#36
Methylcyclohexane
Concen: 5.127 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009915.D
Acq: 27 Mar 2019 00:41

Instrument :
MSVOA_V
ClientSampleId :
BF0K6

Tgt Ion: 83 Resp: 15299
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.0 39.2 58.8#

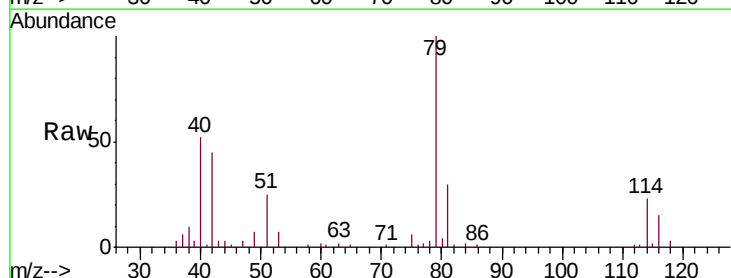


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

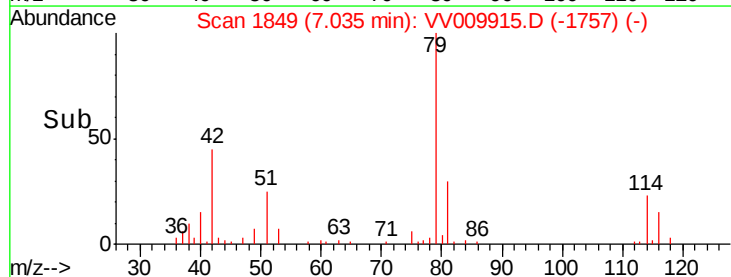
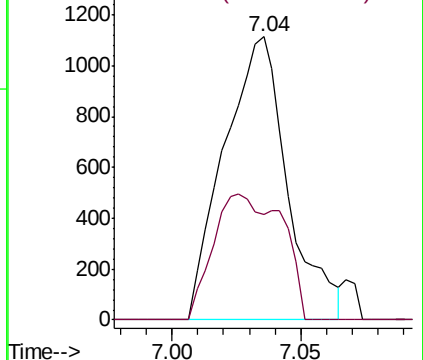


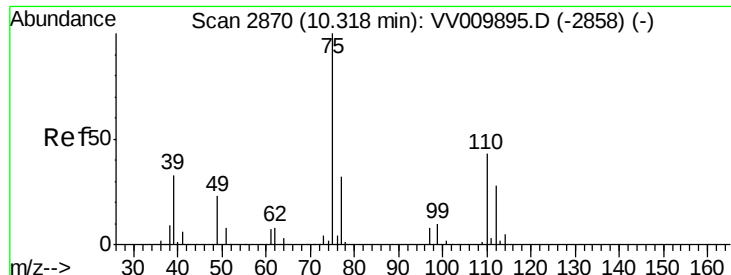
#42
cis-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV009915.D
Acq: 27 Mar 2019 00:41

Tgt Ion: 75 Resp: 1920
Ion Ratio Lower Upper
75 100
77 37.3 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.294 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009915.D

Acq: 27 Mar 2019 00:41

Instrument :

MSVOA_V

ClientSampleId :

BF0K6

Tgt Ion: 75 Resp: 9124

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2

