

Data File : VV011053.D
Acq On : 24 May 2019 05:31
Operator : SY/MD
Sample : K3016-21
Misc : 4.67G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D8

Quant Time: May 24 09:08:01 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	92156	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	81191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	22158	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	18667	17.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.08%
7) Chloroethane-d5	1.56	69	15412	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
10) 1,1-Dichloroethene-d2	2.12	63	27393	13.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.24%
20) 2-Butanone-d5	3.93	46	34631	95.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	191.06%#
24) Chloroform-d	4.39	84	63810	26.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	5.07	65	38398	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.20%
29) Benzene-d6	5.09	84	112710	25.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.72%
33) 1,2-Dichloropropane-d6	6.11	67	41270	29.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.20%
37) Toluene-d8	7.36	98	84374	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.92%
38) trans-1,3-Dichloropropene-	7.66	79	12981	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	8.13	63	24865	94.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	189.32%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45264	32.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.76%#
61) 1,2-Dichlorobenzene-d4	11.67	152	19992	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

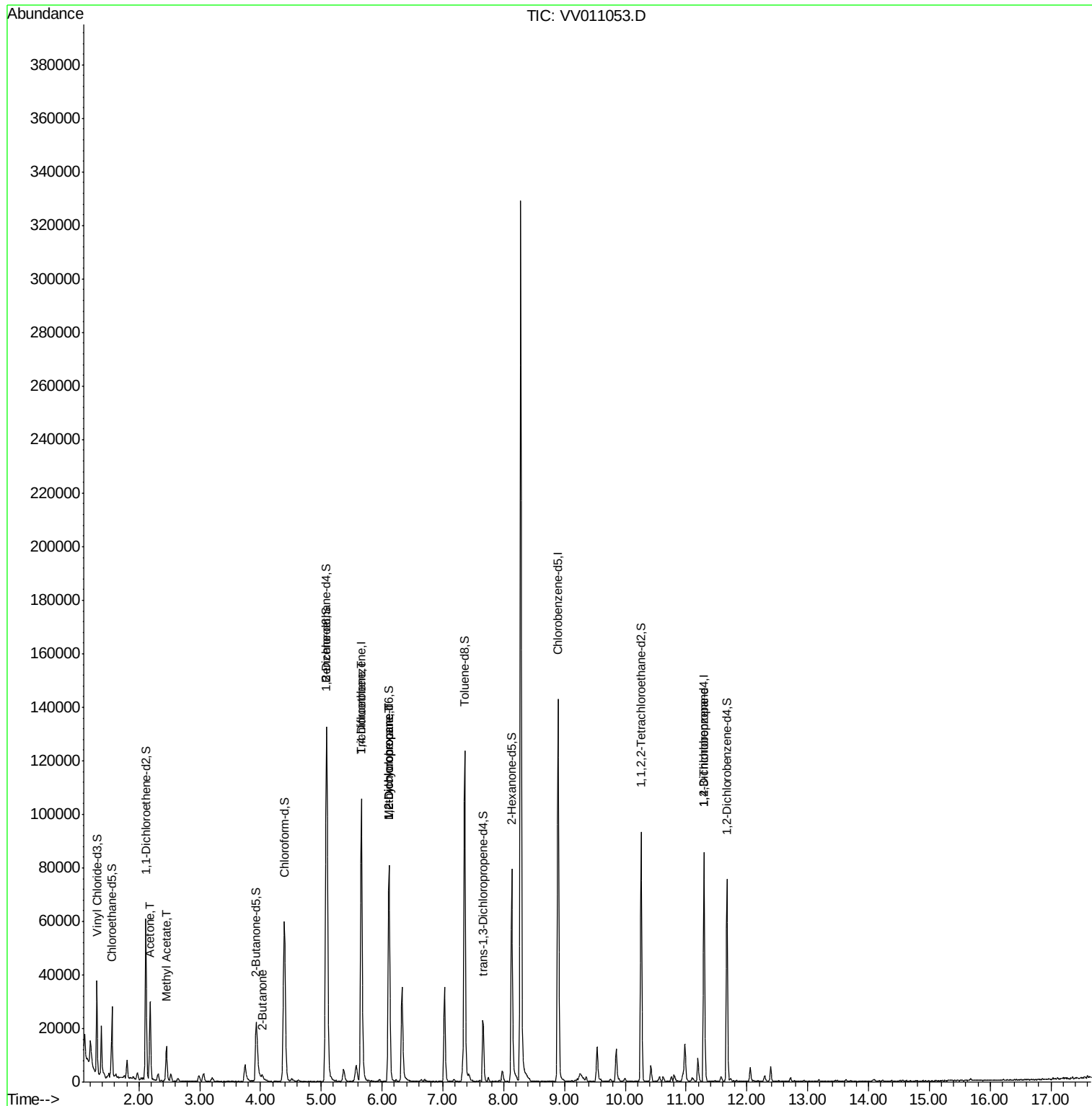
					Qvalue
13) Acetone	2.18	43	26752	76.523 ug/L	96
15) Methyl Acetate	2.45	43	14100	20.992 ug/L	96
21) 2-Butanone	4.03	43	2221	4.642 ug/L	99
35) Trichloroethene	5.66	95	2975	2.301 ug/L #	5
36) Methylcyclohexane	6.11	83	9702	5.075 ug/L #	22
40) 1,2-Dichloropropane	6.12	63	4203	3.417 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	2834	2.795 ug/L	91

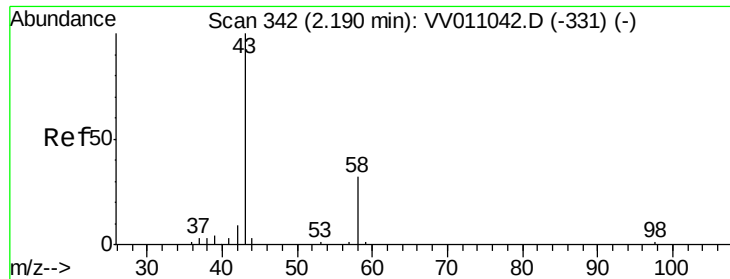
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 76.523 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Acq: 24 May 2019 05:31

Instrument :

MSVOA_V

ClientSampled :

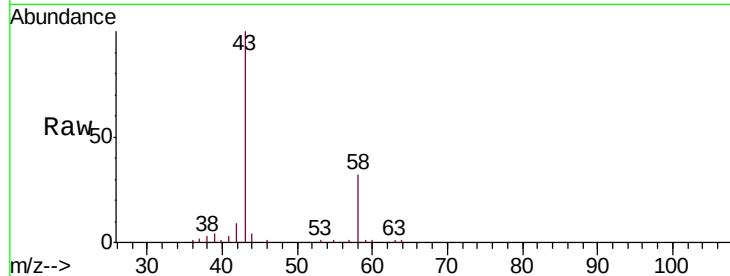
A51D8

Tgt Ion: 43 Resp: 26752

Ion Ratio Lower Upper

43 100

58 32.5 0.0 60.8



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

Ion 58.00 (57.70 to 58.70): VV011042.D (-331) (-)

20000

15000

10000

5000

0

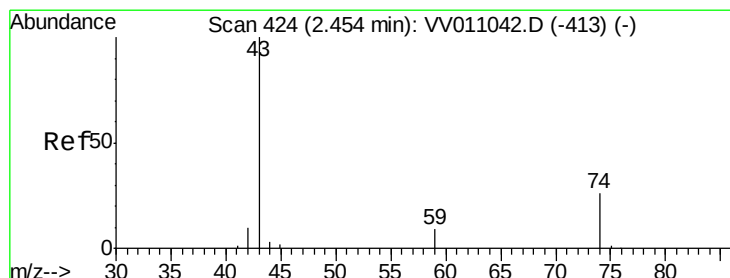
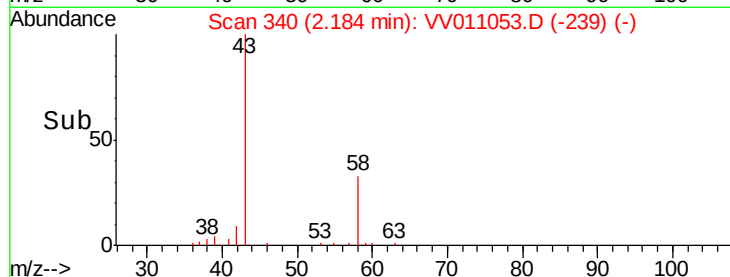
2.10

2.15

2.20

2.25

Time-->



#15

Methyl Acetate

Concen: 20.992 ug/L

RT: 2.45 min Scan# 424

Delta R.T. 0.00 min

Lab File: VV011053.D

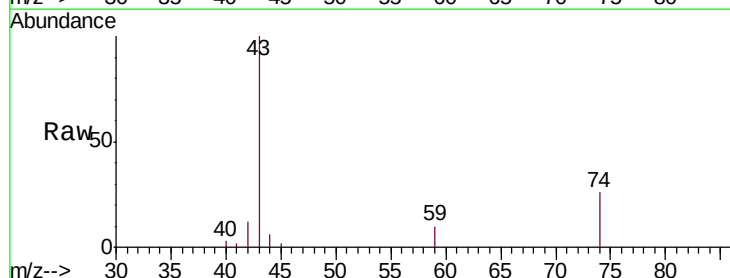
Acq: 24 May 2019 05:31

Tgt Ion: 43 Resp: 14100

Ion Ratio Lower Upper

43 100

74 24.2 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV011042.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV011042.D (-413) (-)

10000

8000

6000

4000

2000

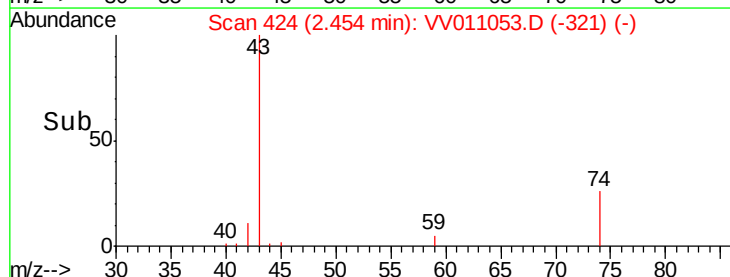
0

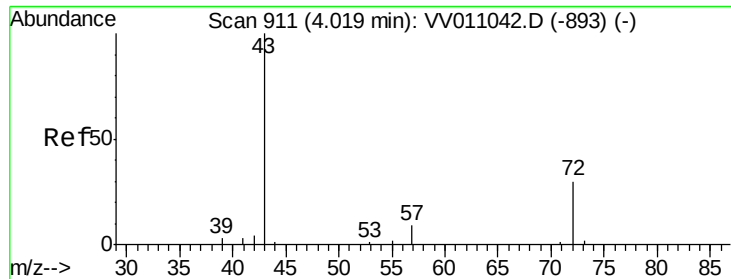
2.40

2.45

2.50

Time-->





#21

2-Butanone

Concen: 4.642 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.01 min

Lab File: VV011053.D

Acq: 24 May 2019 05:31

Instrument :

MSVOA_V

ClientSampled :

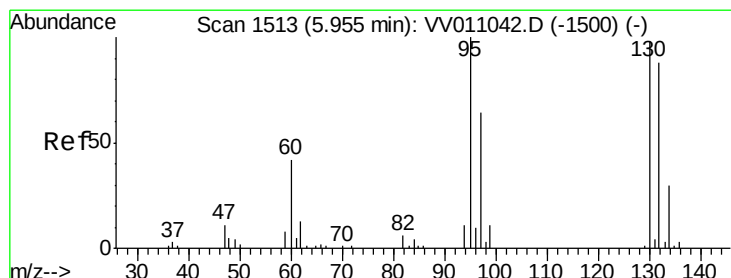
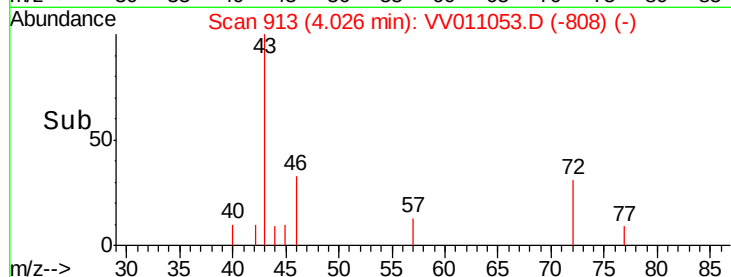
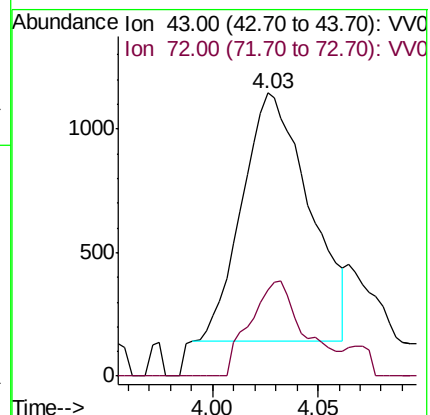
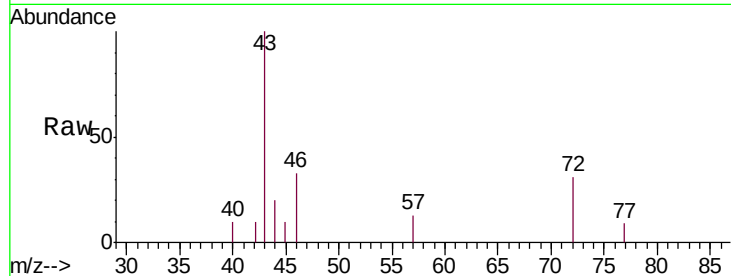
A51D8

Tgt Ion: 43 Resp: 2221

Ion Ratio Lower Upper

43 100

72 26.5 13.1 39.3



#35

Trichloroethene

Concen: 2.301 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV011053.D

Acq: 24 May 2019 05:31

Tgt Ion: 95 Resp: 2975

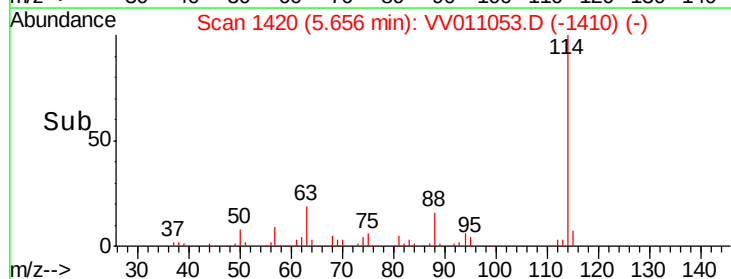
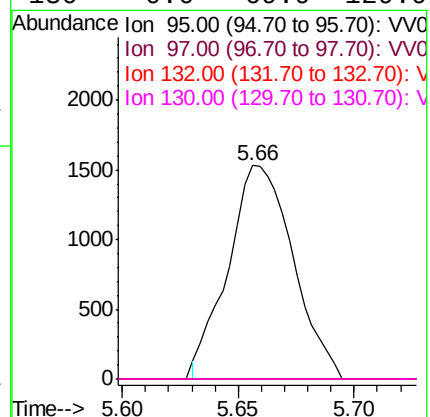
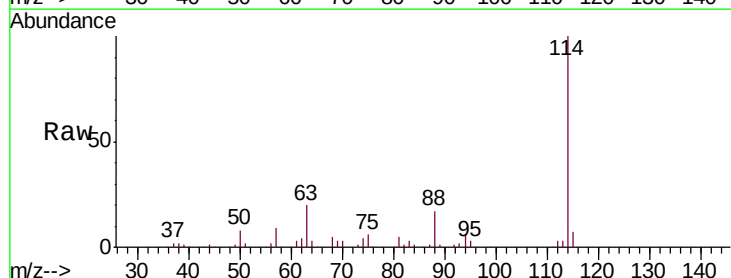
Ion Ratio Lower Upper

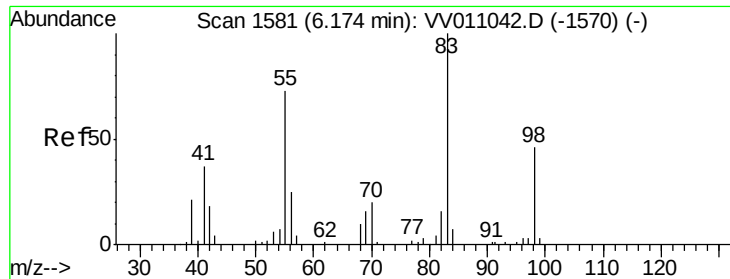
95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#

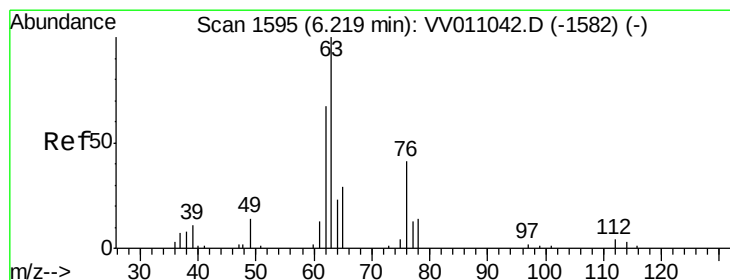
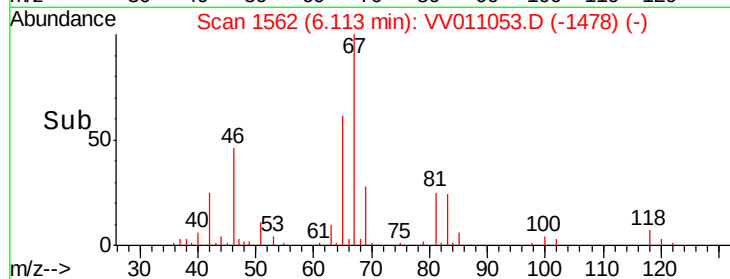
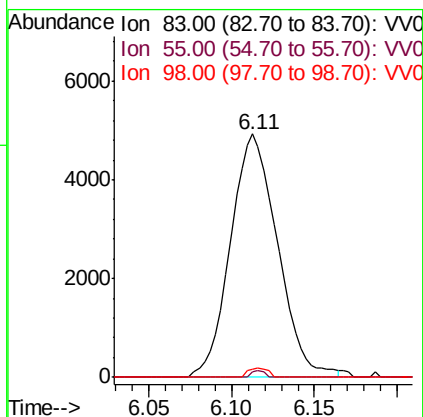
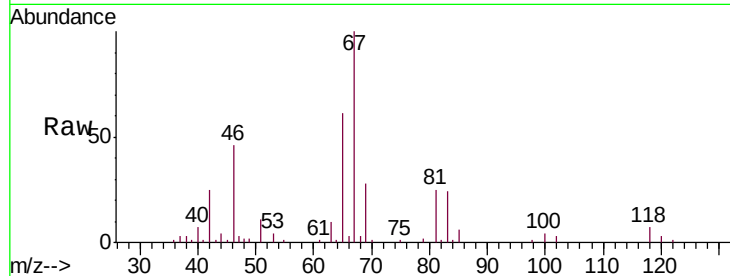




#36
Methylcyclohexane
Concen: 5.075 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011053.D
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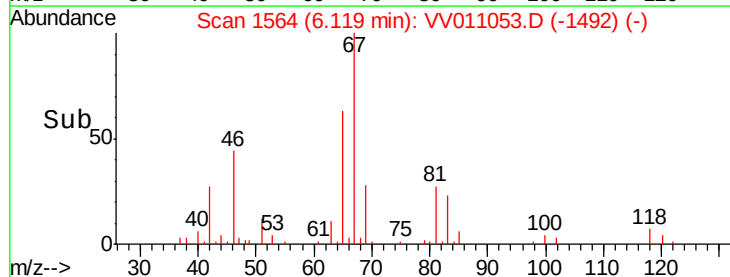
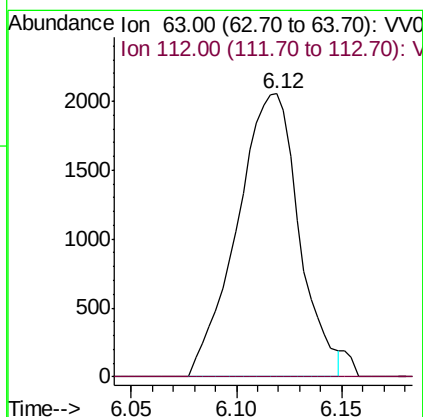
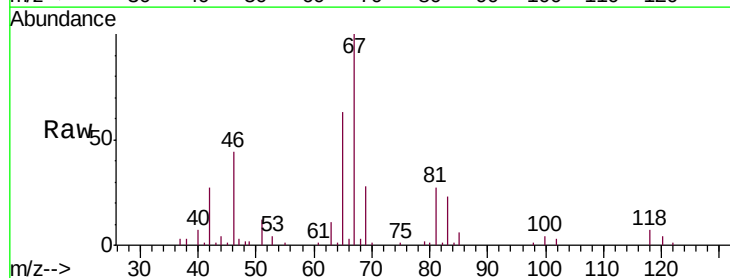
Instrument :
MSVOA_V
ClientSampleId :
A51D8

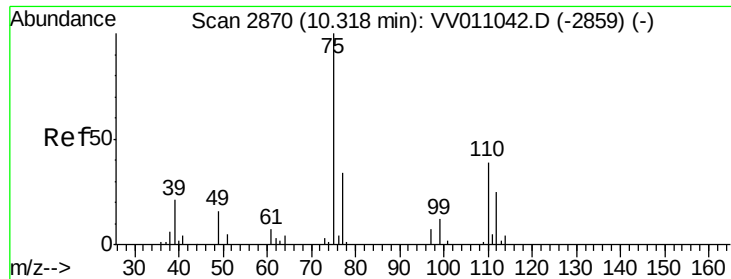
Tgt Ion: 83 Resp: 9702
Ion Ratio Lower Upper
83 100
55 0.7 57.0 85.4#
98 1.5 36.2 54.4#



#40
1,2-Dichloropropane
Concen: 3.417 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011053.D
Acq: 24 May 2019 05:31

Tgt Ion: 63 Resp: 4203
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 2.795 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011053.D

Acq: 24 May 2019 05:31

Instrument :

MSVOA_V

ClientSampleId :

A51D8

Tgt Ion: 75 Resp: 2834

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.2

