

Data File : VV010699.D
Acq On : 07 May 2019 18:53
Operator : SY/MD
Sample : K2633-07
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ99

Quant Time: May 08 03:05:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	25257	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	31377	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	12904	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2419	6.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	24.64%#
7) Chloroethane-d5	1.58	69	4153	12.86	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.44%
10) 1,1-Dichloroethene-d2	2.13	63	5205	6.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.48%#
20) 2-Butanone-d5	3.94	46	7332	62.27	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.54%
24) Chloroform-d	4.40	84	15856	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	5.08	65	15092	35.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	140.36%#
29) Benzene-d6	5.10	84	25528	15.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.84%
33) 1,2-Dichloropropane-d6	6.12	67	12283	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	7.36	98	22971	14.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.08%
38) trans-1,3-Dichloropropene-	7.66	79	5612	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	8.13	63	7627	69.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.52%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	17822	36.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.12%#
61) 1,2-Dichlorobenzene-d4	11.67	152	12010	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds

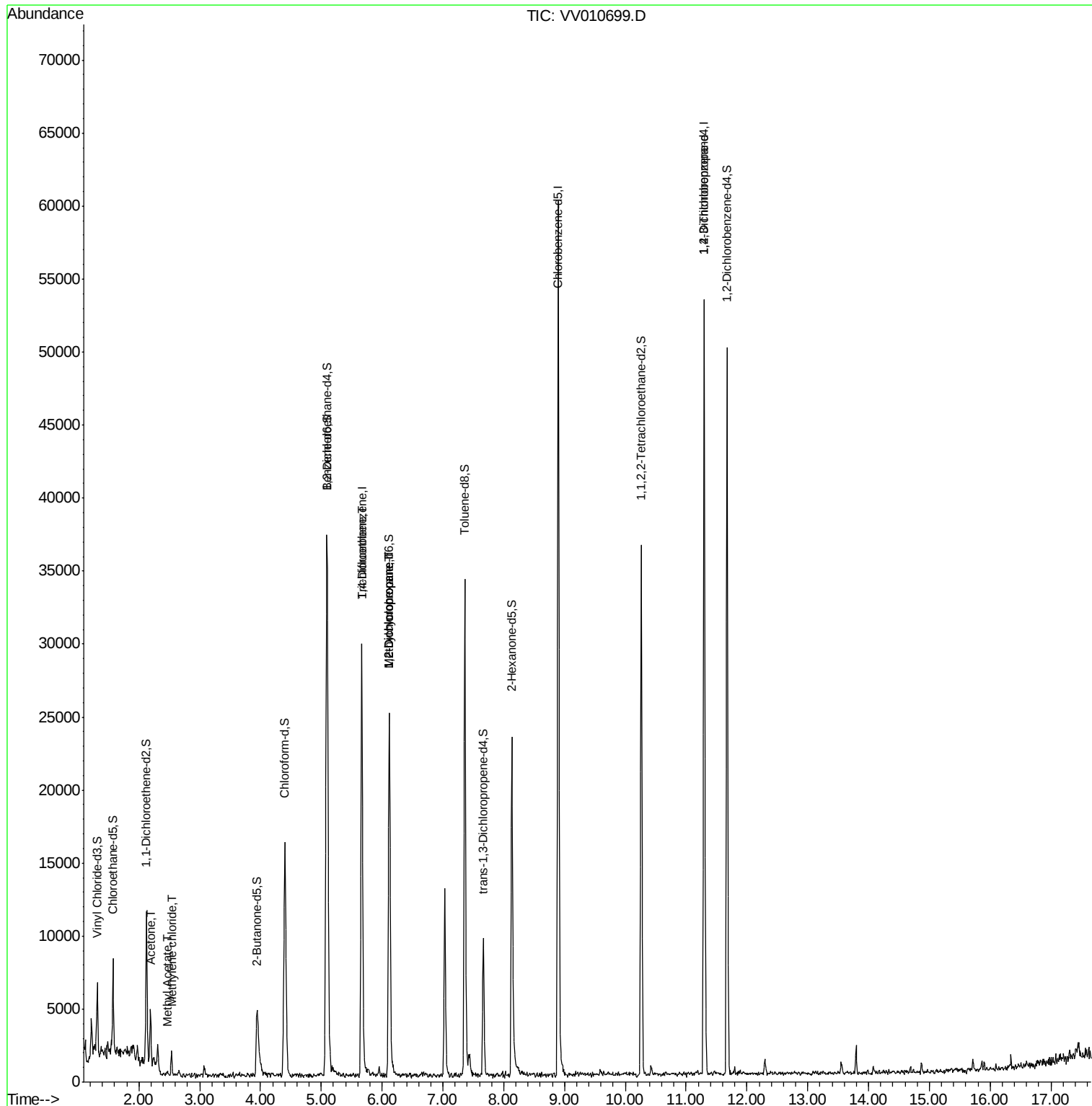
					Qvalue
13) Acetone	2.19	43	3454	18.949 ug/L	99
15) Methyl Acetate	2.47	43	270	1.240 ug/L #	55
16) Methylene chloride	2.54	84	668	1.711 ug/L	89
35) Trichloroethene	5.67	95	563	1.091 ug/L #	7
36) Methylcyclohexane	6.11	83	2850	3.447 ug/L #	19
40) 1,2-Dichloropropane	6.11	63	1427	2.912 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	1950	4.738 ug/L #	87

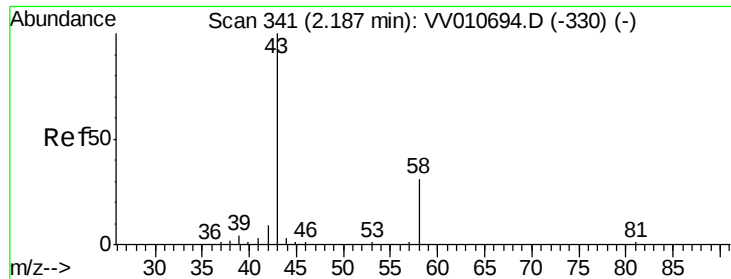
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.949 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

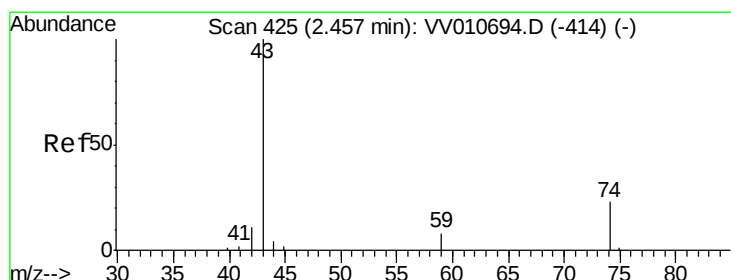
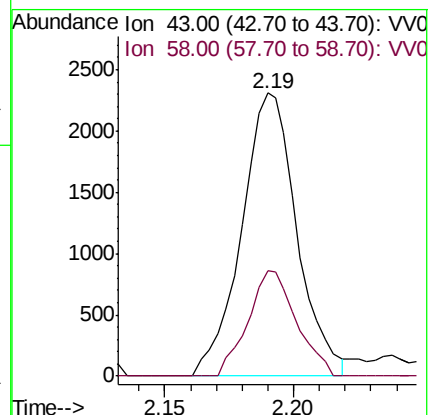
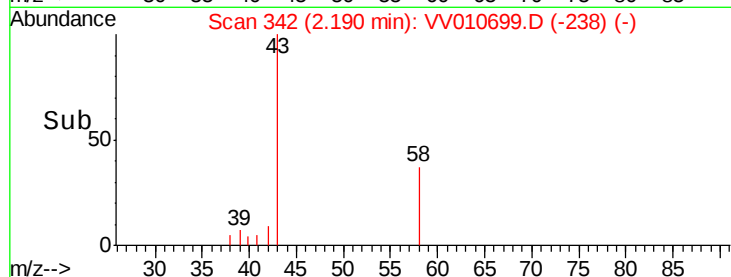
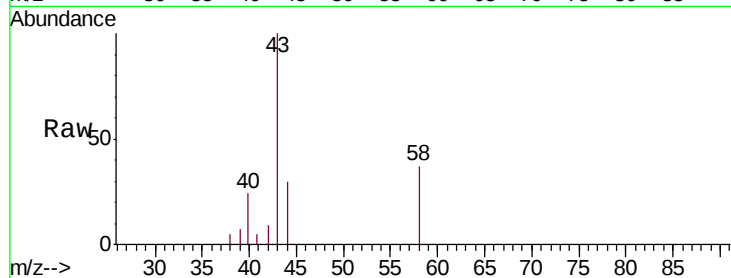
GAJ99

Tgt Ion: 43 Resp: 3454

Ion Ratio Lower Upper

43 100

58 32.5 0.0 63.4



#15

Methyl Acetate

Concen: 1.240 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

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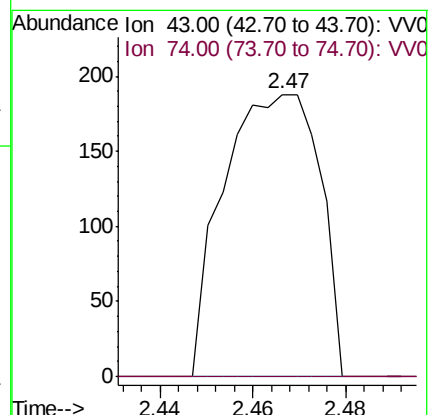
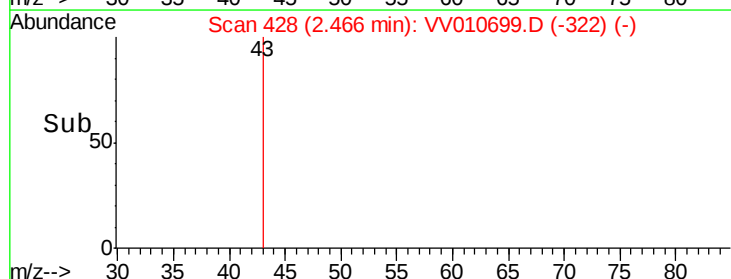
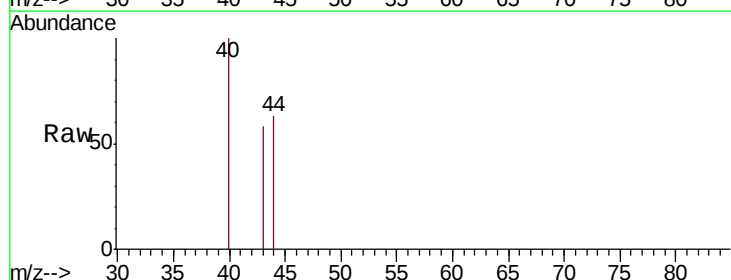
Acq: 07 May 2019 18:53

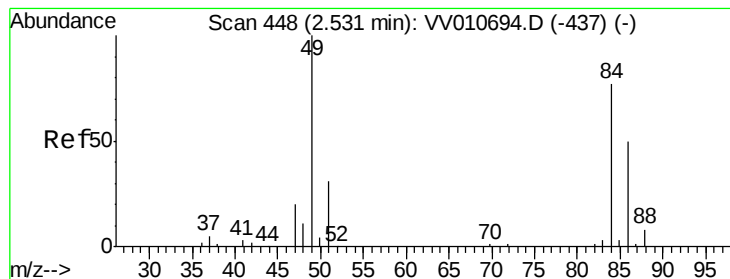
Tgt Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#





#16

Methylene chloride

Concen: 1.711 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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Acq: 07 May 2019 18:53

Instrument :

MSVOA_V

ClientSampled :

GAJ99

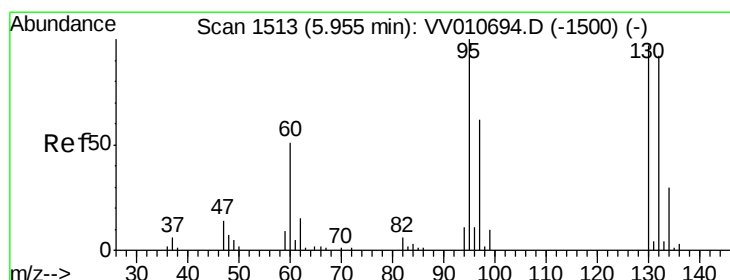
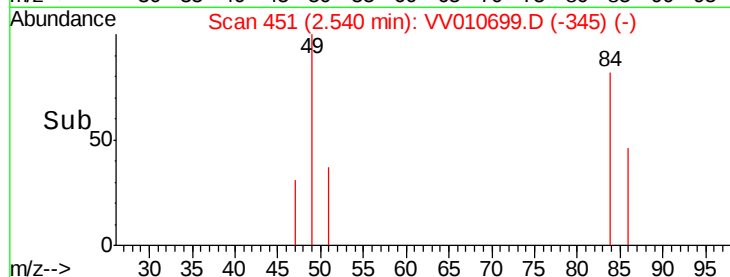
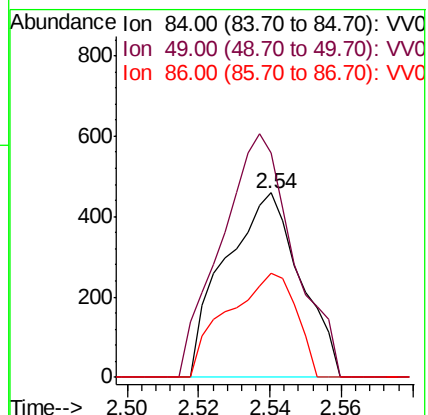
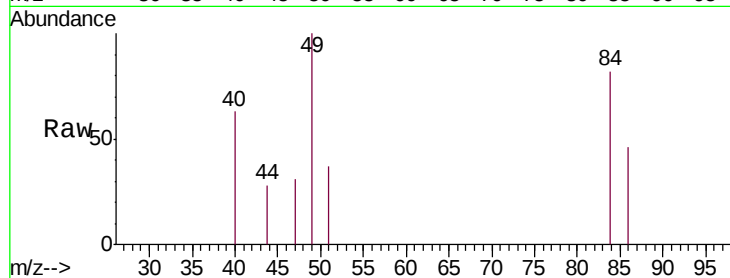
Tgt Ion: 84 Resp: 668

Ion Ratio Lower Upper

84 100

49 121.6 92.9 172.5

86 56.2 46.5 86.5



#35

Trichloroethene

Concen: 1.091 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV010699.D

Acq: 07 May 2019 18:53

Tgt Ion: 95 Resp: 563

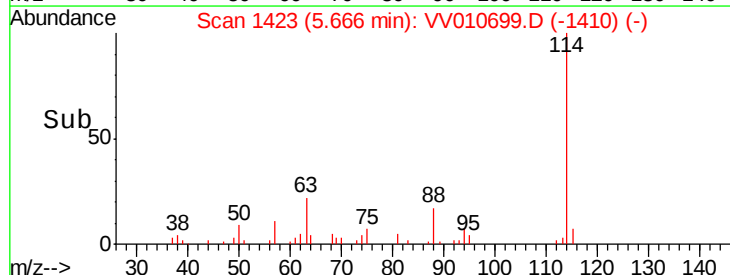
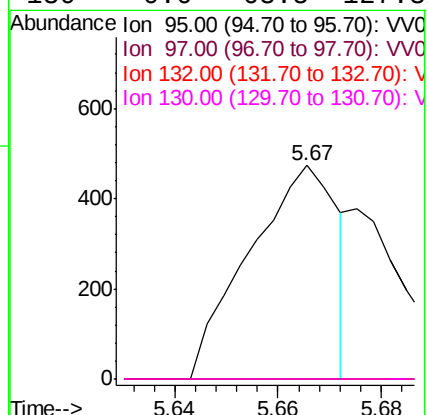
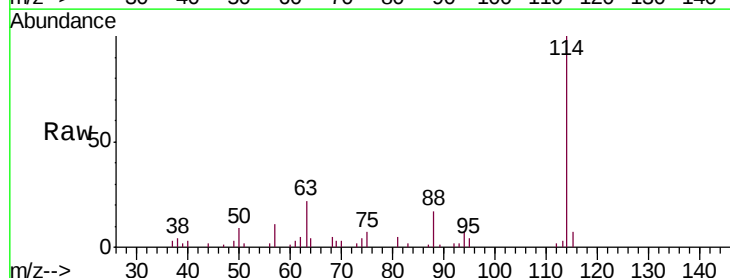
Ion Ratio Lower Upper

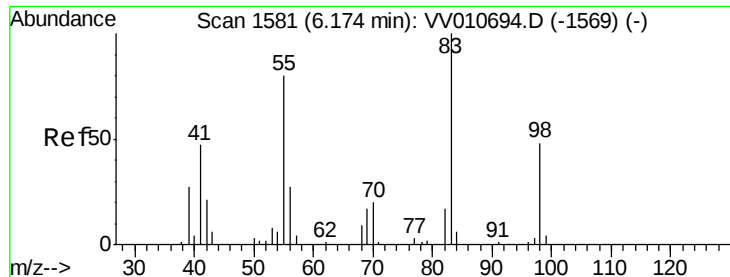
95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

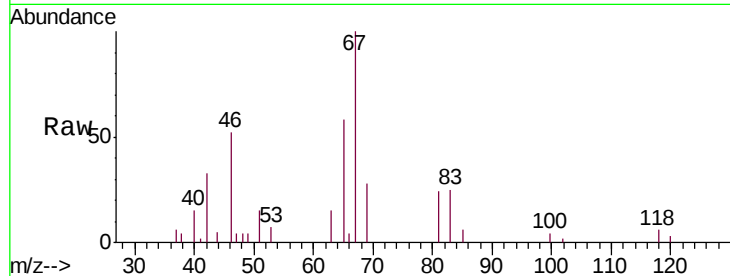




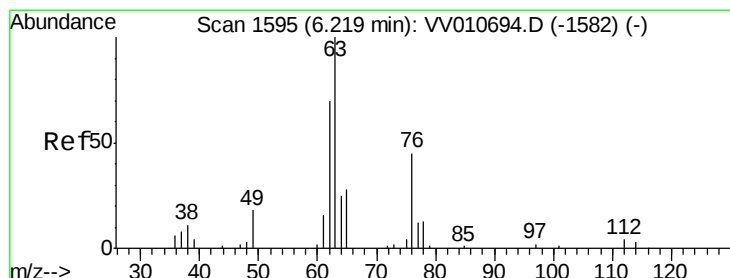
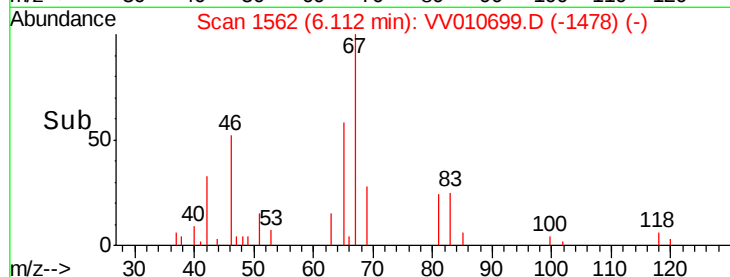
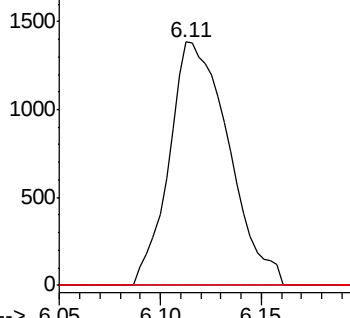
#36
Methylcyclohexane
Concen: 3.447 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010699.D
Acq: 07 May 2019 18:53

Instrument :
MSVOA_V
ClientSampleId :
GAJ99

Tgt Ion: 83 Resp: 2850
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 4.1 37.7 56.5#

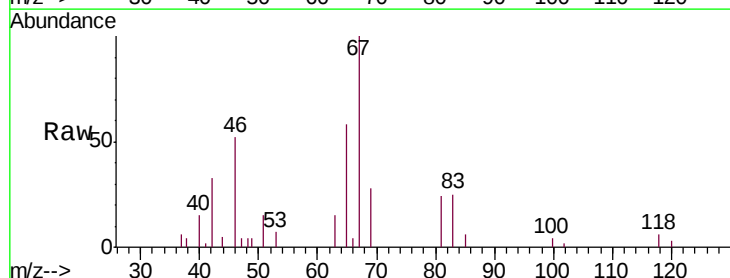


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

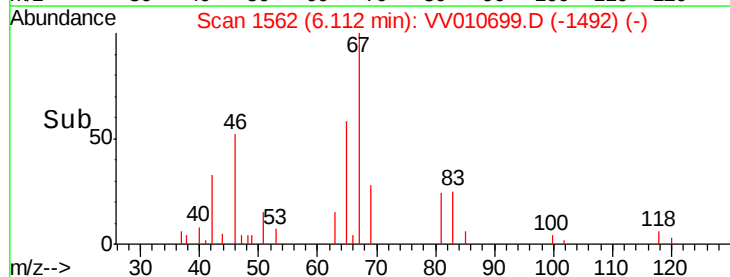
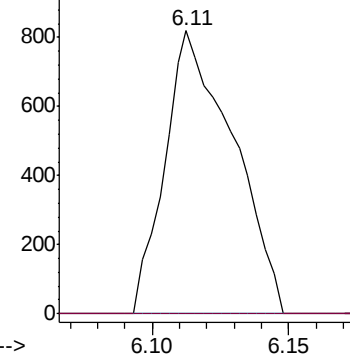


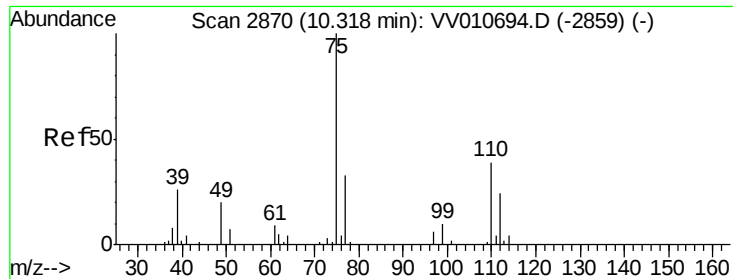
#40
1,2-Dichloropropane
Concen: 2.912 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010699.D
Acq: 07 May 2019 18:53

Tgt Ion: 63 Resp: 1427
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.738 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010699.D

Acq: 07 May 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

GAJ99

Tgt Ion: 75 Resp: 1950

Ion Ratio Lower Upper

75 100

77 38.6 25.0 37.6#

