

Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA1

Quant Time: May 08 03:05:52 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	24126	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	32554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	16915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1485	3.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	15.84%#
7) Chloroethane-d5	1.58	69	2850	9.24	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.96%
10) 1,1-Dichloroethene-d2	2.13	63	3352	4.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	16.48%#
20) 2-Butanone-d5	3.94	46	10813	96.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.28%#
24) Chloroform-d	4.40	84	17049	25.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	5.08	65	16736	40.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	162.96%#
29) Benzene-d6	5.10	84	27603	16.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.44%
33) 1,2-Dichloropropane-d6	6.12	67	13794	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.04%
37) Toluene-d8	7.36	98	24040	14.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.60%
38) trans-1,3-Dichloropropene-	7.66	79	5798	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.16%
39) 2-Hexanone-d5	8.13	63	7615	66.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	17442	33.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.96%#
61) 1,2-Dichlorobenzene-d4	11.67	152	12035	18.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.48%#

Target Compounds

					Qvalue
13) Acetone	2.20	43	1488	8.546 ug/L	96
16) Methylene chloride	2.54	84	1569	4.206 ug/L	83
25) Chloroform	4.43	83	655	0.897 ug/L #	71
35) Trichloroethene	5.67	95	723	1.351 ug/L #	7
36) Methylcyclohexane	6.12	83	3384	3.944 ug/L #	17
40) 1,2-Dichloropropane	6.11	63	1627	3.200 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	2371	5.552 ug/L	93
69) Naphthalene	13.56	128	1210	0.861 ug/L #	74

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

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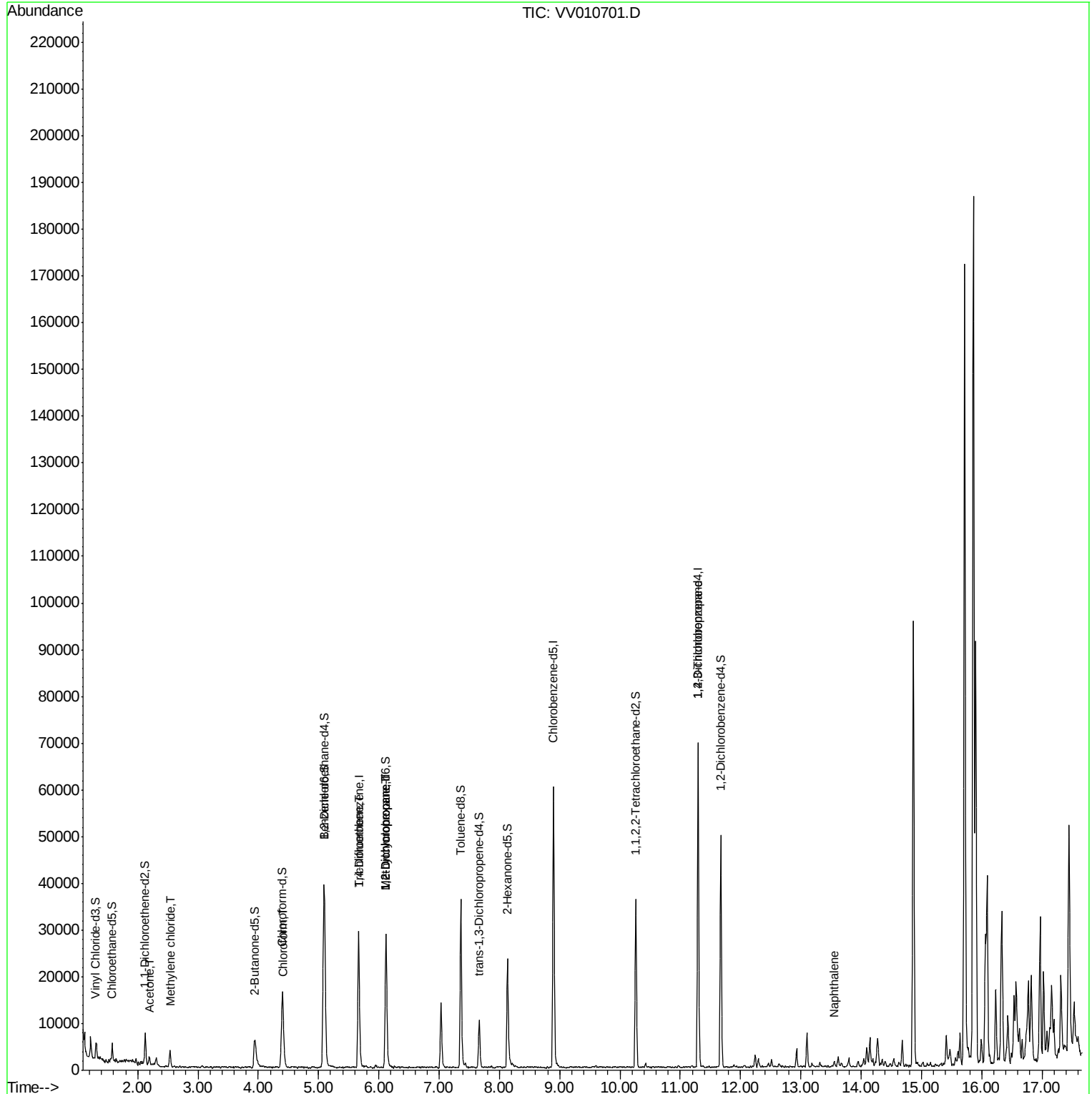
Quant Time: May 08 03:05:52 2019

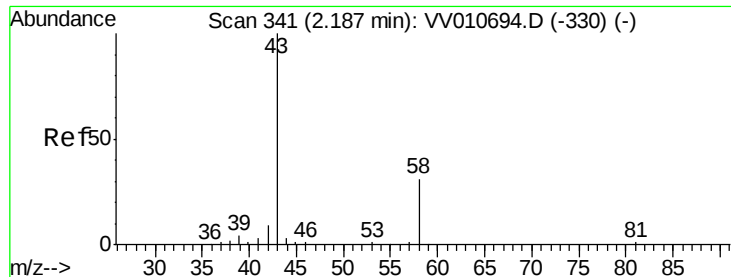
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M

Quant Title : VOC Analysis

QLast Update : Wed May 08 03:02:12 2019

Response via : Initial Calibration





#13

Acetone

Concen: 8.546 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV010701.D

Acq: 07 May 2019 19:49

Instrument :

MSVOA_V

ClientSampled :

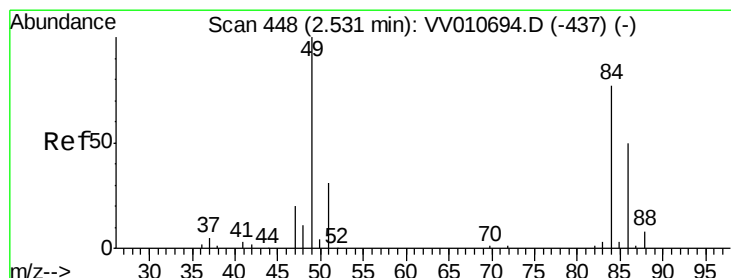
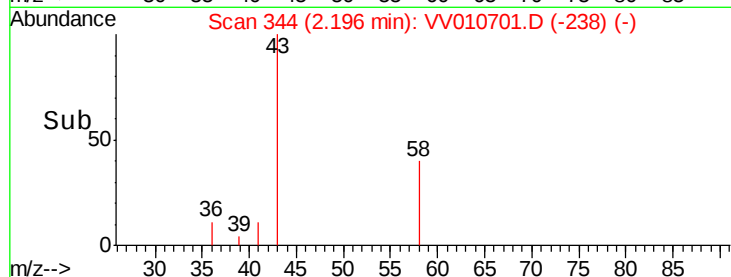
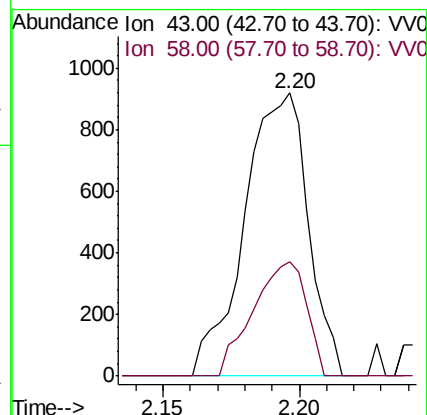
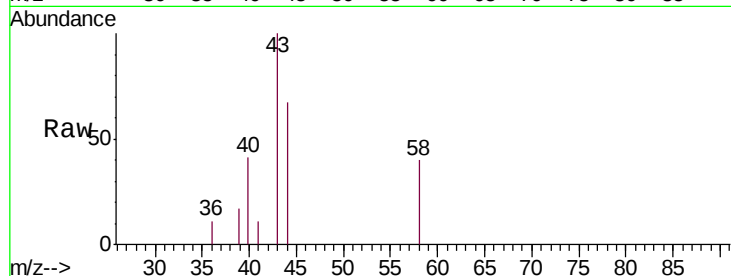
GAJA1

Tgt Ion: 43 Resp: 1488

Ion Ratio Lower Upper

43 100

58 34.0 0.0 63.4



#16

Methylene chloride

Concen: 4.206 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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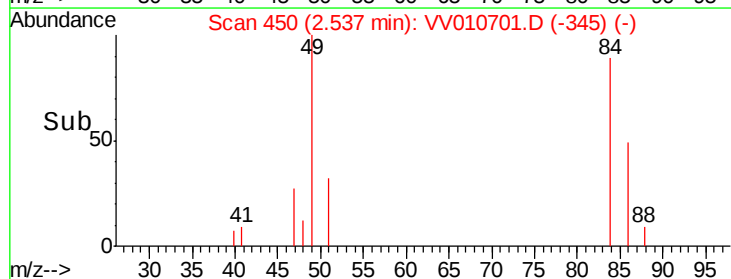
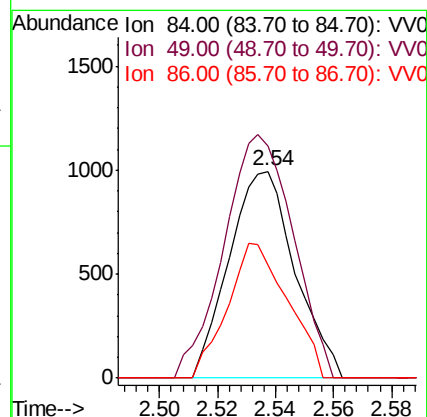
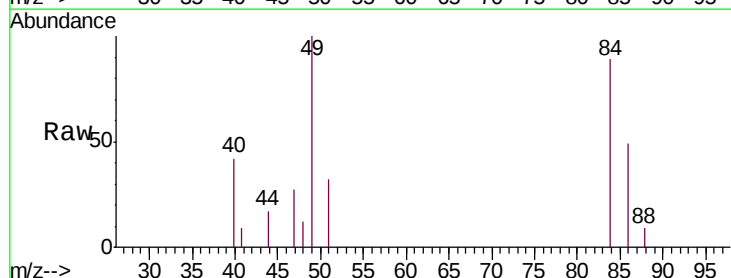
Tgt Ion: 84 Resp: 1569

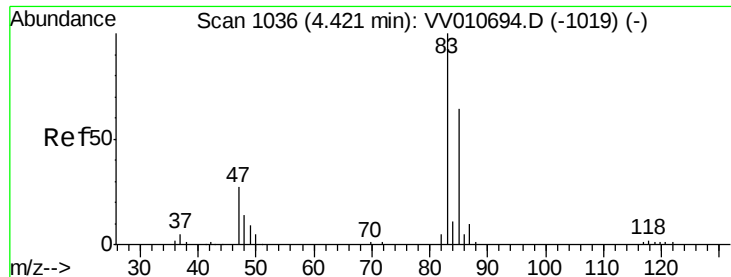
Ion Ratio Lower Upper

84 100

49 112.2 92.9 172.5

86 54.6 46.5 86.5

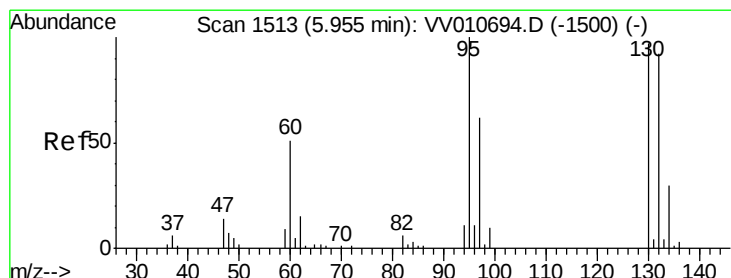
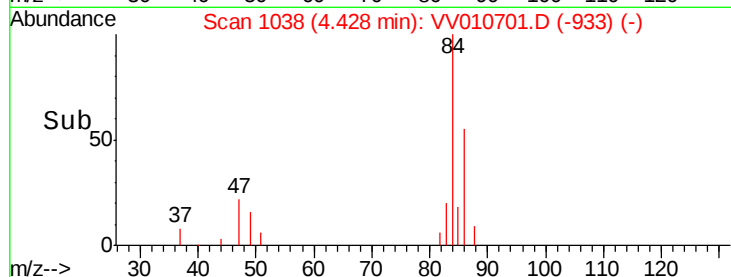
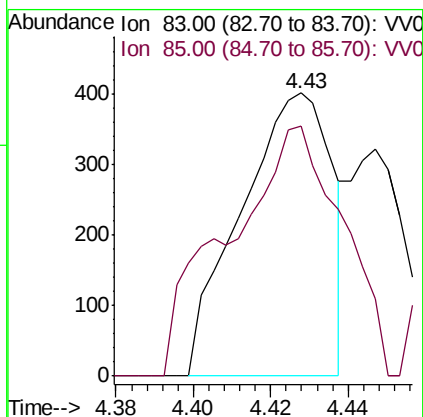
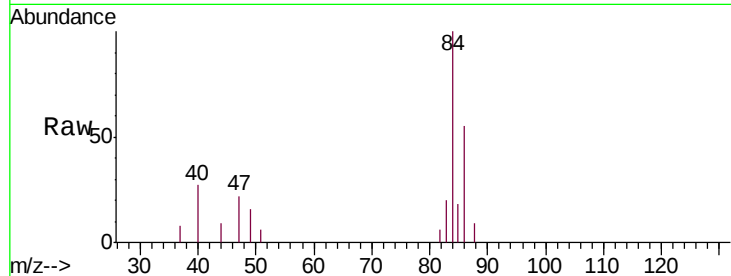




#25
Chloroform
Concen: 0.897 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV010701.D
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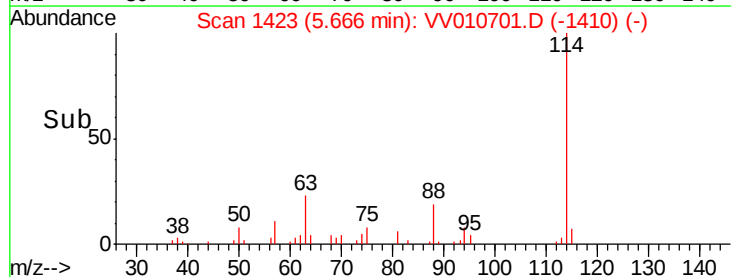
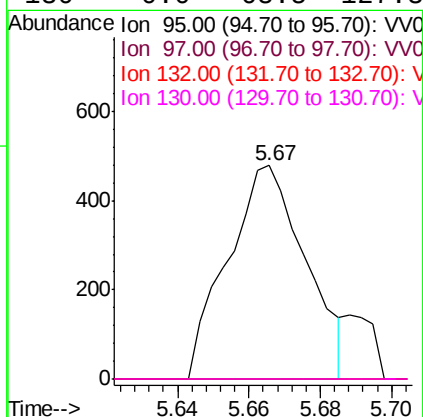
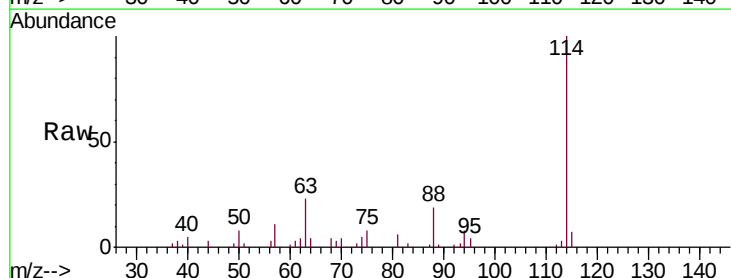
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MSVOA_V
ClientSampled :
GAJA1

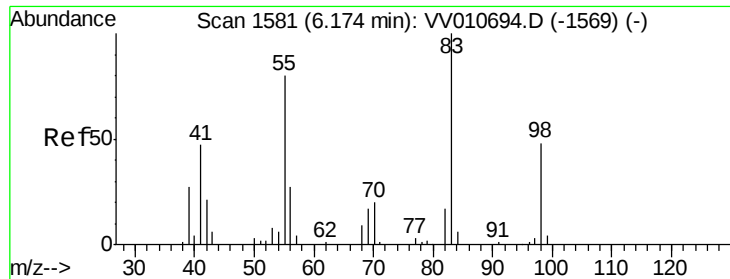
Tgt Ion: 83 Resp: 655
Ion Ratio Lower Upper
83 100
85 86.4 44.6 82.8#



#35
Trichloroethene
Concen: 1.351 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010701.D
Acq: 07 May 2019 19:49

Tgt Ion: 95 Resp: 723
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#

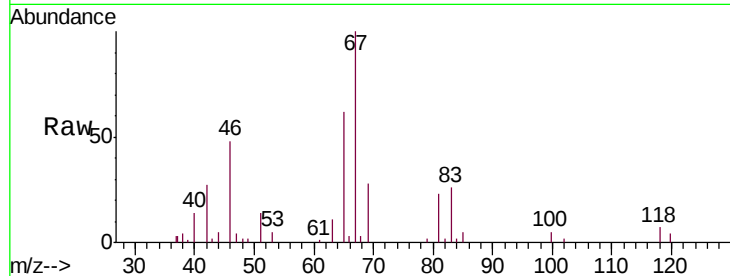




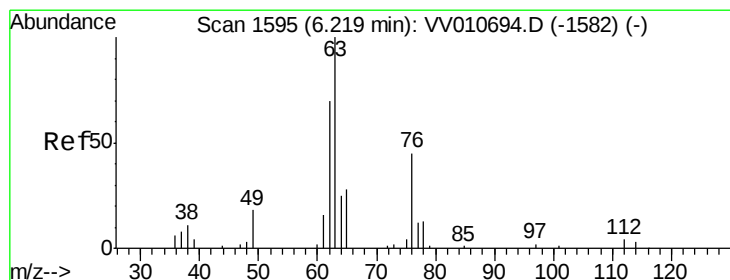
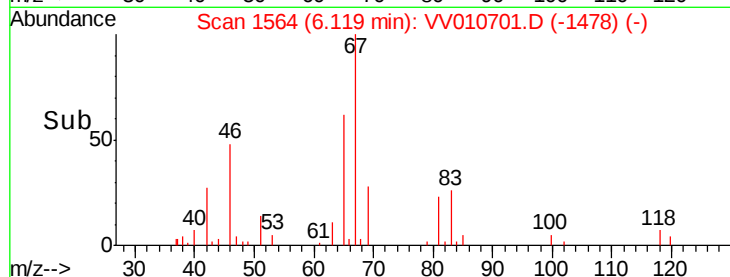
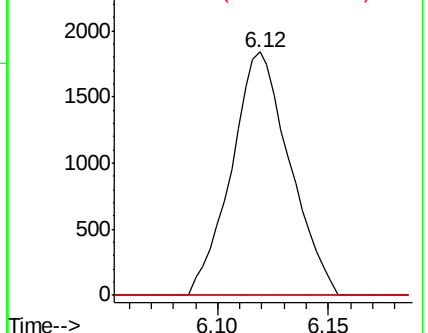
#36
Methylcyclohexane
Concen: 3.944 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010701.D
Acq: 07 May 2019 19:49

Instrument :
MSVOA_V
ClientSampleId :
GAJA1

Tgt Ion: 83 Resp: 3384
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 1.3 37.7 56.5#

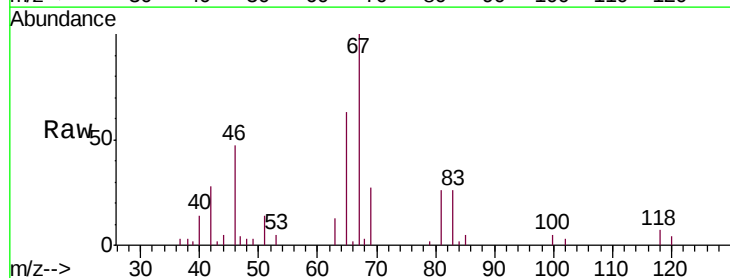


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

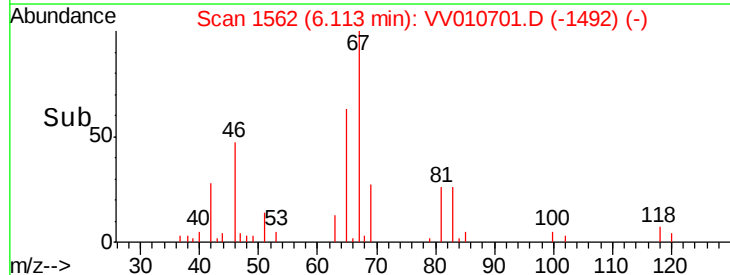
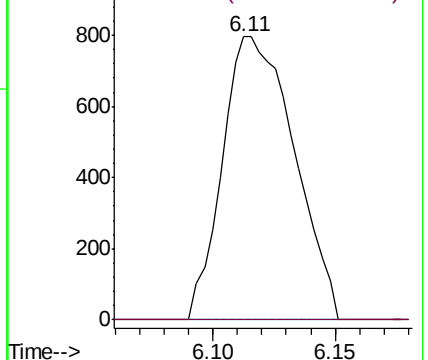


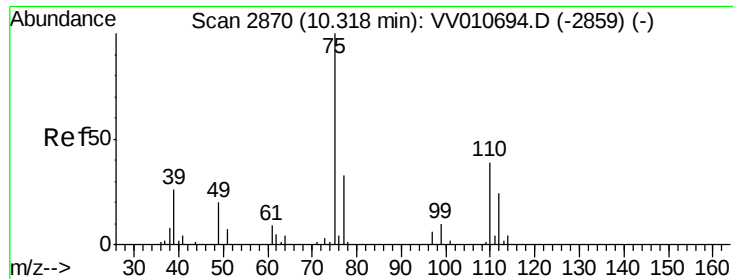
#40
1,2-Dichloropropane
Concen: 3.200 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010701.D
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Tgt Ion: 63 Resp: 1627
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

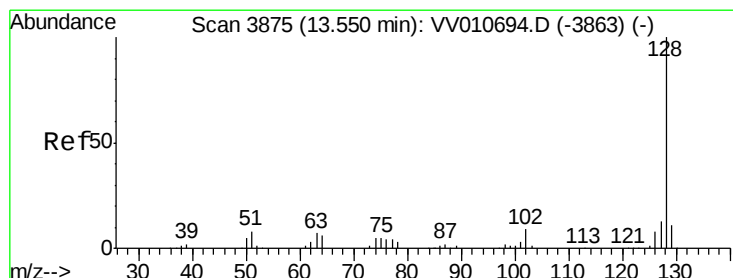
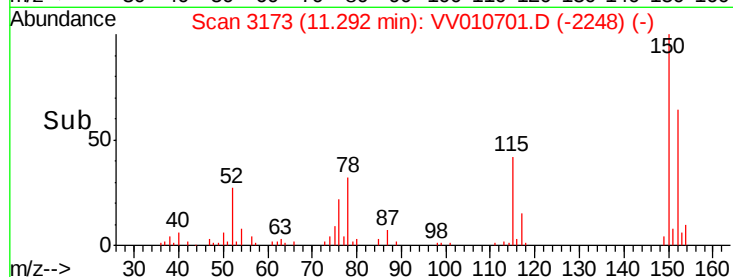
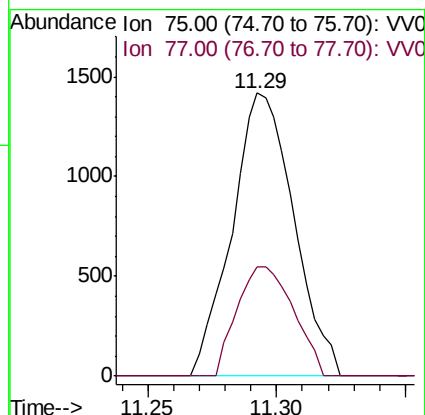
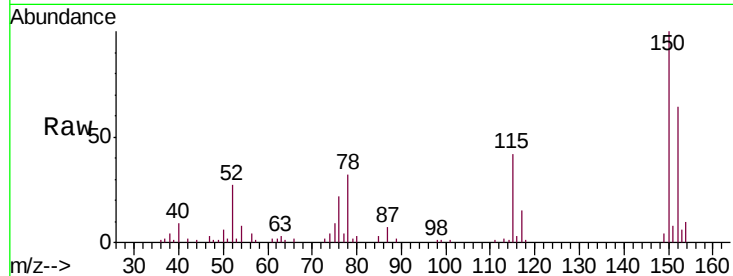




#59
 1,2,3-Trichloropropane
 Concen: 5.552 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010701.D
 Acq: 07 May 2019 19:49

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJA1

Tgt Ion: 75 Resp: 2371
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.0 37.6



#69
 Naphthalene
 Concen: 0.861 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV010701.D
 Acq: 07 May 2019 19:49

Tgt Ion: 128 Resp: 1210
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.3 12.5#
 127 3.4 10.8 16.2#

