

Data File : VV010703.D
Acq On : 07 May 2019 20:45
Operator : SY/MD
Sample : K2633-11
Misc : 5.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA3

Quant Time: May 08 03:06:08 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	5.66	114	62355	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	74126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35275	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	5788	5.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	23.88%#
7) Chloroethane-d5	1.57	69	9033	11.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.32%
10) 1,1-Dichloroethene-d2	2.12	63	11155	5.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	21.24%#
20) 2-Butanone-d5	3.94	46	18594	63.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.94%
24) Chloroform-d	4.40	84	37572	22.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	29227	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.12%
29) Benzene-d6	5.10	84	62497	16.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.08%
33) 1,2-Dichloropropane-d6	6.12	67	26492	21.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.24%
37) Toluene-d8	7.36	98	57429	15.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.48%
38) trans-1,3-Dichloropropene-	7.66	79	10007	17.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.64%
39) 2-Hexanone-d5	8.13	63	14040	53.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	28399	24.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	28584	20.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.68%

Target Compounds

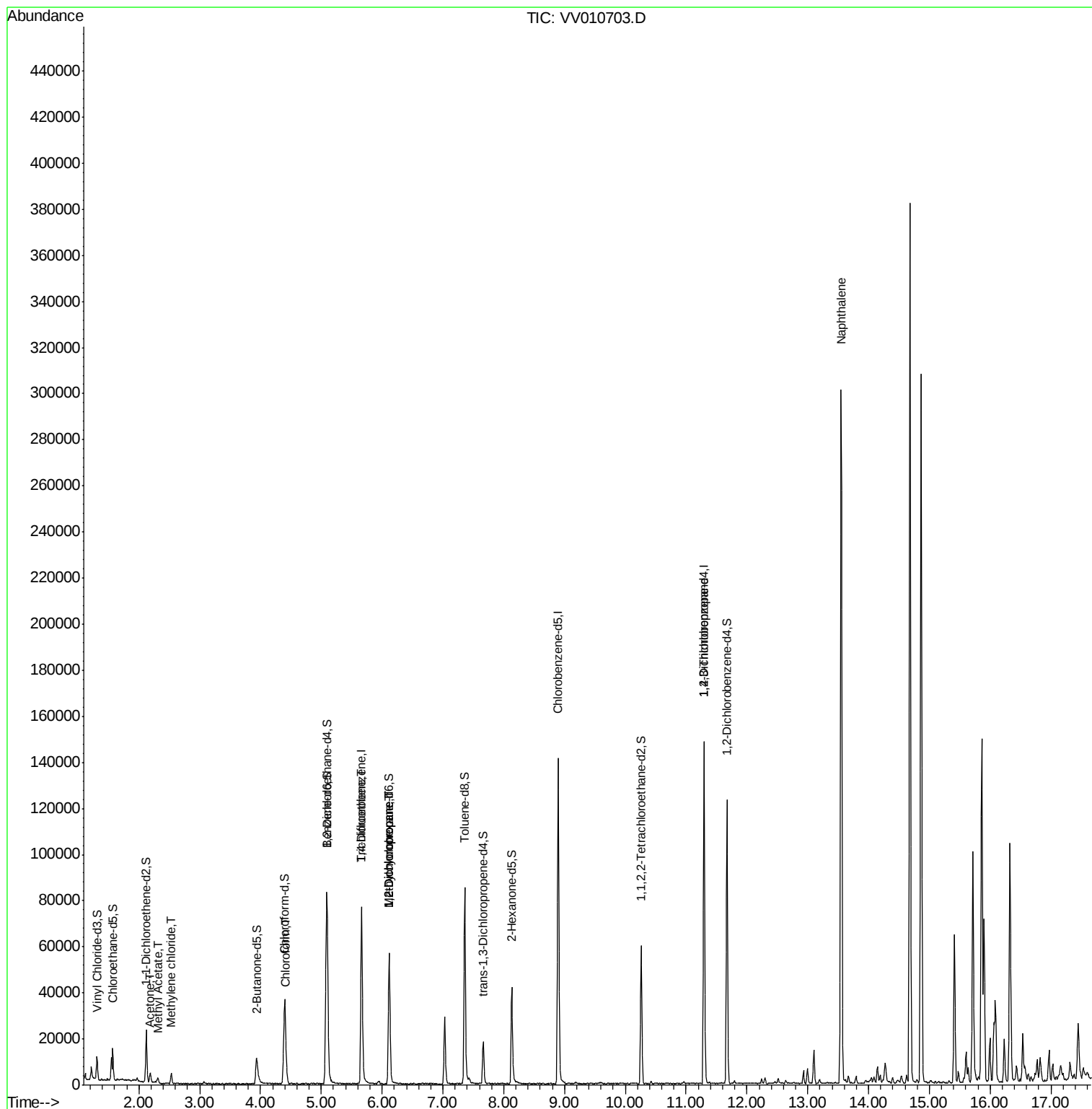
					Qvalue
13) Acetone	2.19	43	3512	7.804 ug/L	98
15) Methyl Acetate	2.31	43	605	1.125 ug/L #	55
16) Methylene chloride	2.53	84	1783	1.849 ug/L	91
25) Chloroform	4.42	83	2070	1.097 ug/L	86
35) Trichloroethene	5.66	95	1997	1.638 ug/L #	7
36) Methylcyclohexane	6.12	83	6174	3.160 ug/L #	18
40) 1,2-Dichloropropane	6.12	63	3273	2.827 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	5043	5.186 ug/L	93
69) Naphthalene	13.55	128	220238	75.182 ug/L	98

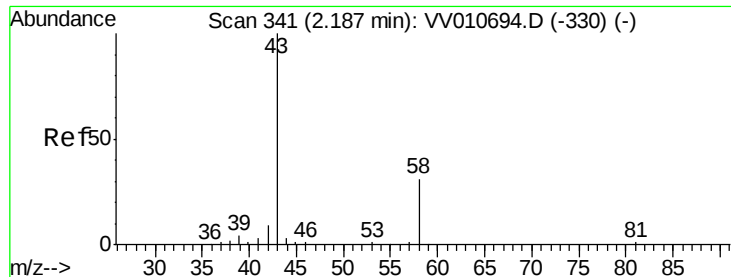
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010703.D
Acq On : 07 May 2019 20:45
Operator : SY/MD
Sample : K2633-11
Misc : 5.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA3

Quant Time: May 08 03:06:08 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: 7.804 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010703.D

Acq: 07 May 2019 20:45

Instrument :

MSVOA_V

ClientSampleId :

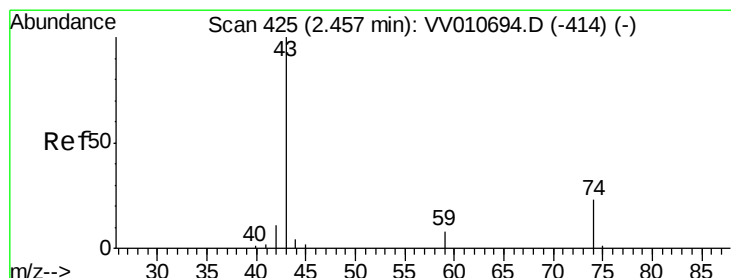
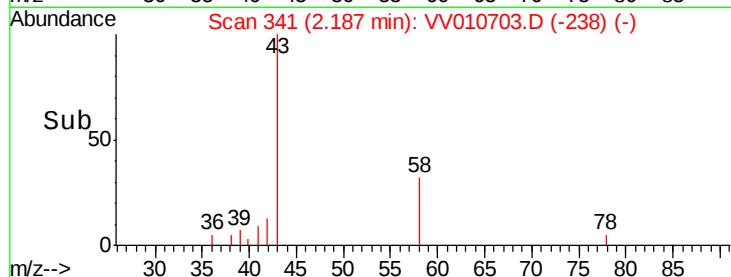
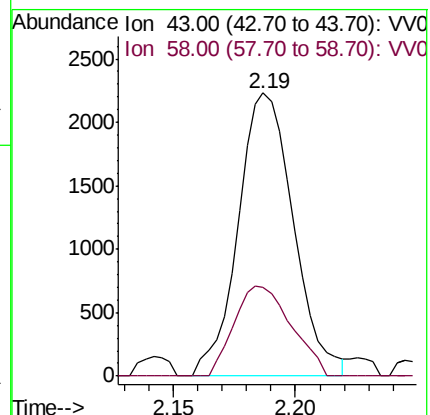
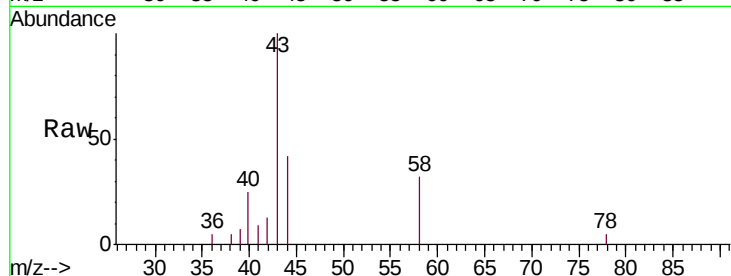
GAJA3

Tgt Ion: 43 Resp: 3512

Ion Ratio Lower Upper

43 100

58 32.9 0.0 63.4



#15

Methyl Acetate

Concen: 1.125 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.15 min

Lab File: VV010703.D

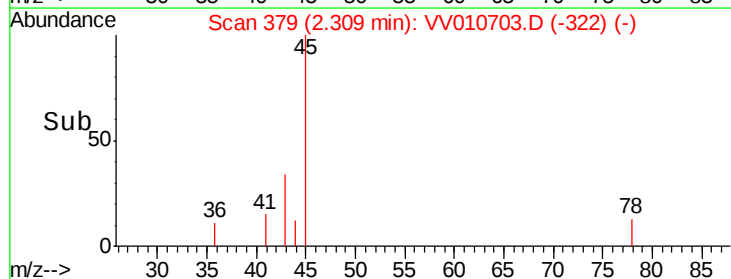
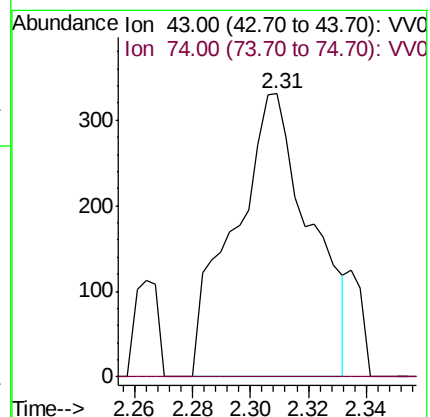
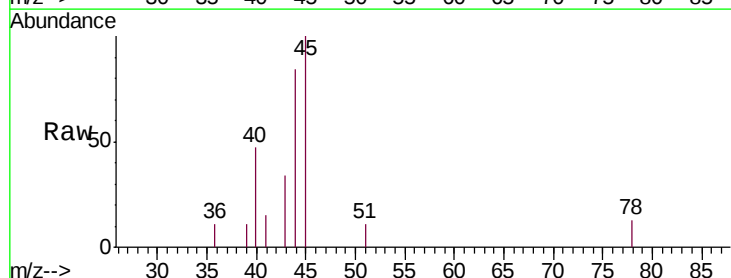
Acq: 07 May 2019 20:45

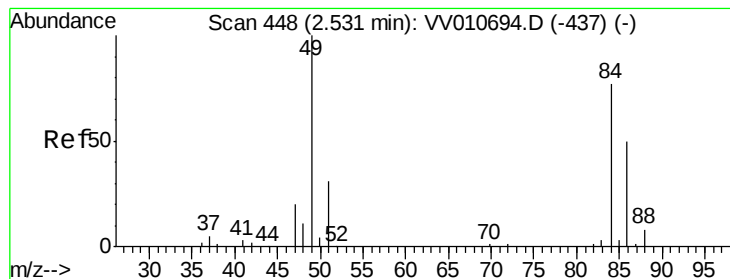
Tgt Ion: 43 Resp: 605

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#





#16

Methylene chloride

Concen: 1.849 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV010703.D

Acq: 07 May 2019 20:45

Instrument :

MSVOA_V

ClientSampleId :

GAJA3

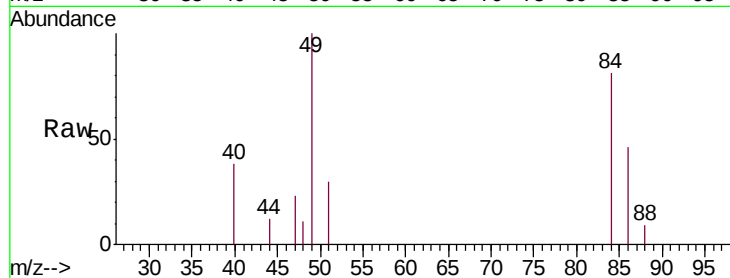
Tgt Ion: 84 Resp: 1783

Ion Ratio Lower Upper

84 100

49 124.2 92.9 172.5

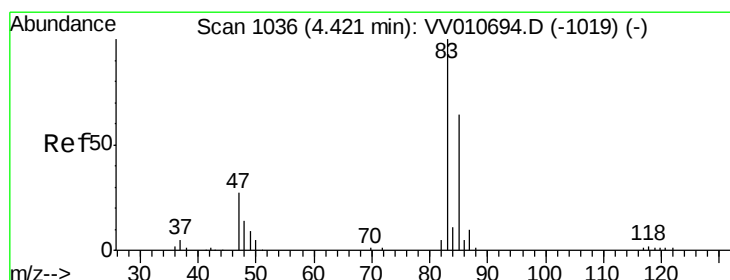
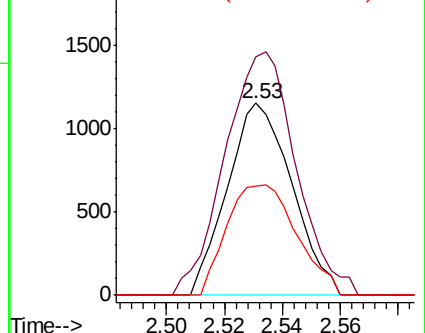
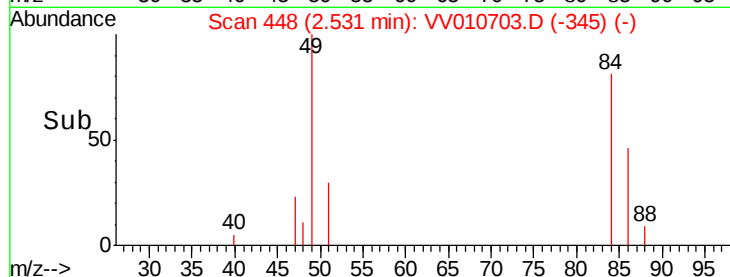
86 56.7 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010703.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV010703.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV010703.D (-345) (-)



#25

Chloroform

Concen: 1.097 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010703.D

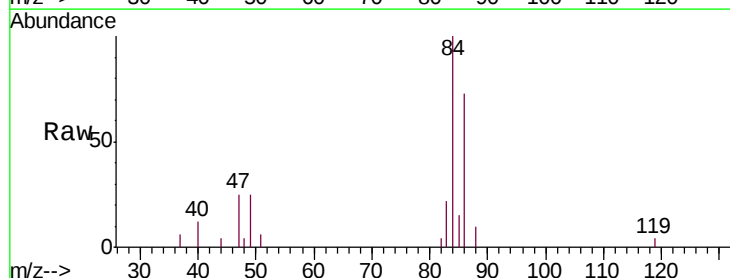
Acq: 07 May 2019 20:45

Tgt Ion: 83 Resp: 2070

Ion Ratio Lower Upper

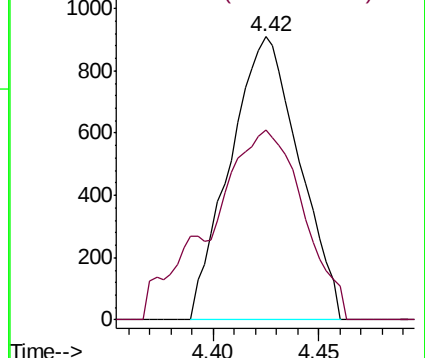
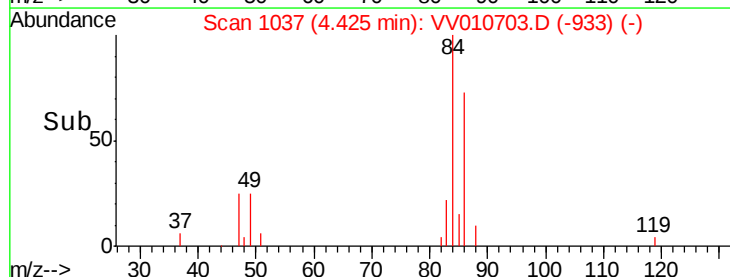
83 100

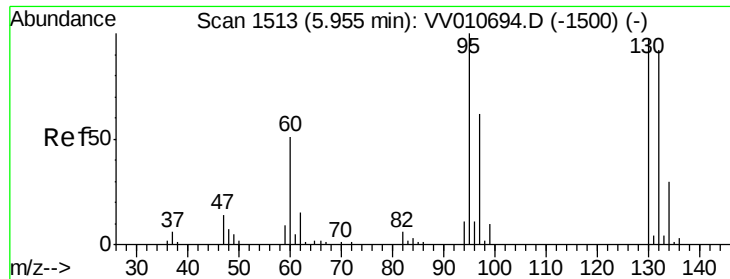
85 74.6 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010703.D (-933) (-)

Ion 85.00 (84.70 to 85.70): VV010703.D (-933) (-)





#35

Trichloroethene

Concen: 1.638 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV010703.D

Acq: 07 May 2019 20:45

Instrument :

MSVOA_V

ClientSampleId :

GAJA3

Tgt Ion: 95 Resp: 1997

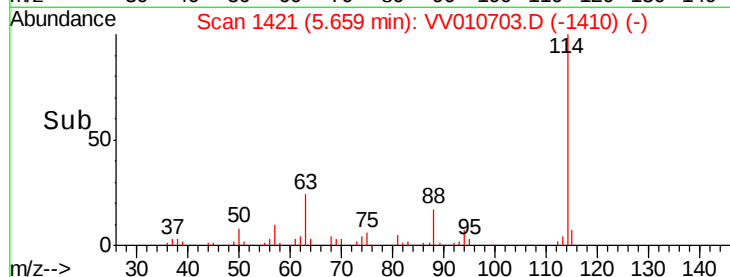
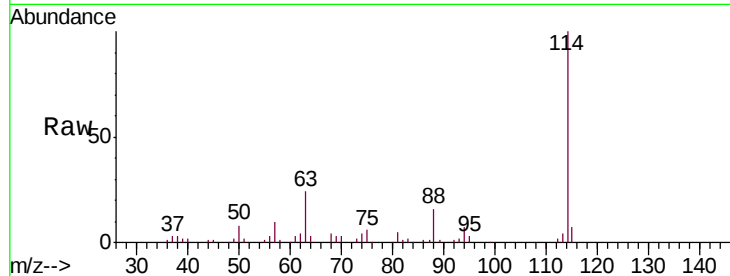
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

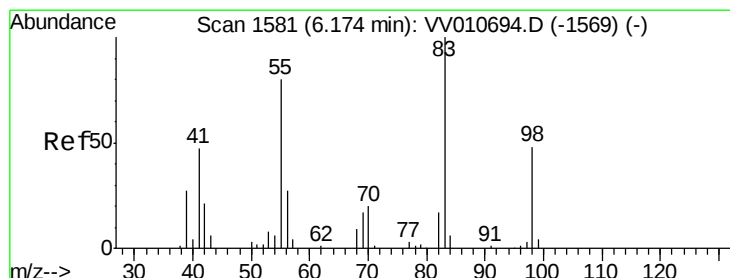
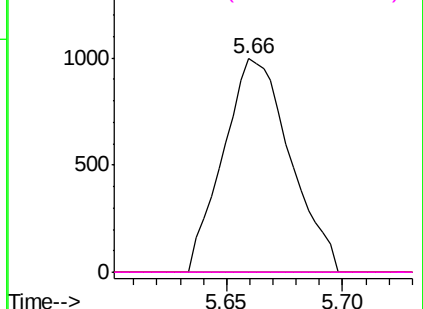


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 3.160 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010703.D

Acq: 07 May 2019 20:45

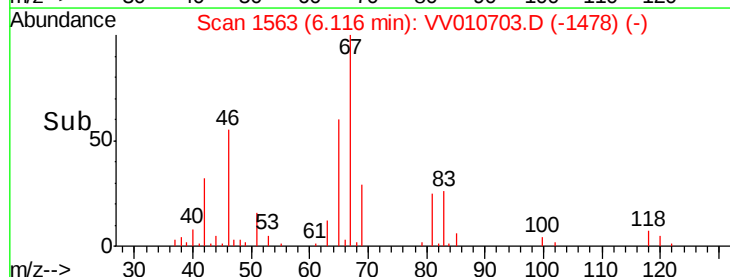
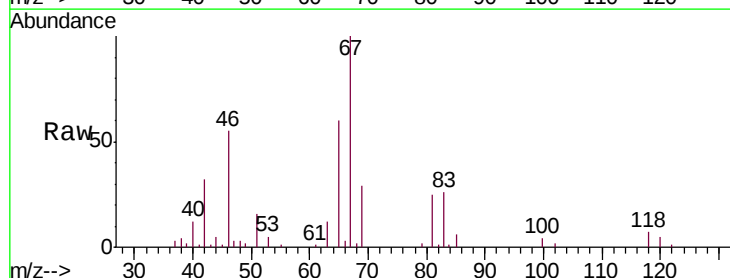
Tgt Ion: 83 Resp: 6174

Ion Ratio Lower Upper

83 100

55 0.0 64.6 96.8#

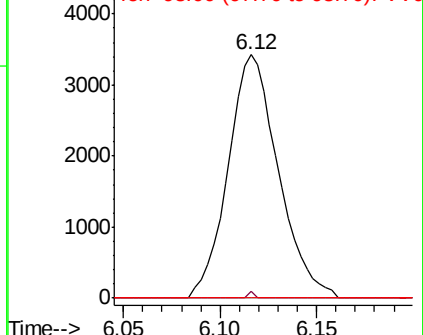
98 3.1 37.7 56.5#

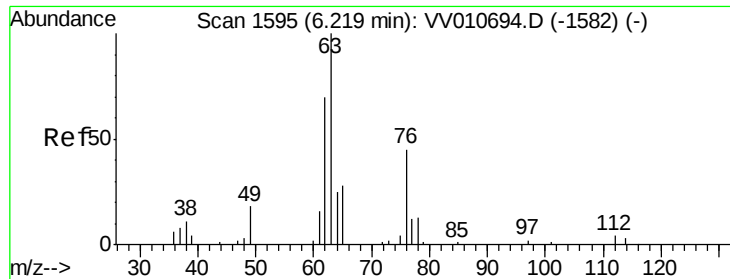


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

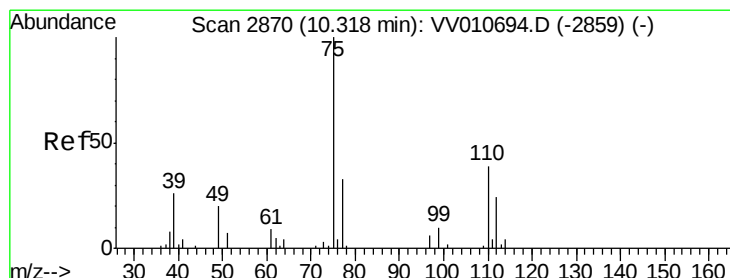
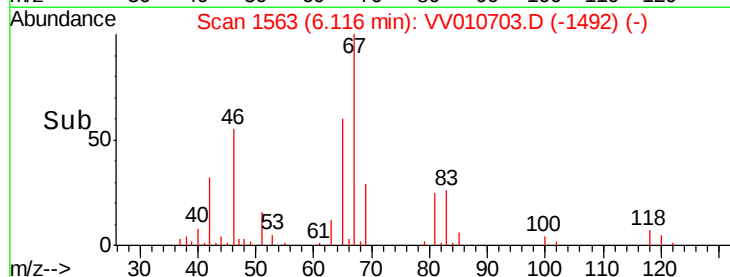
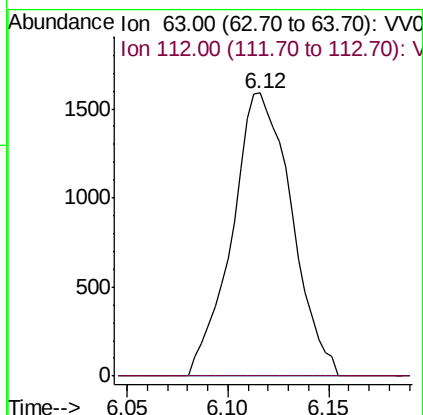
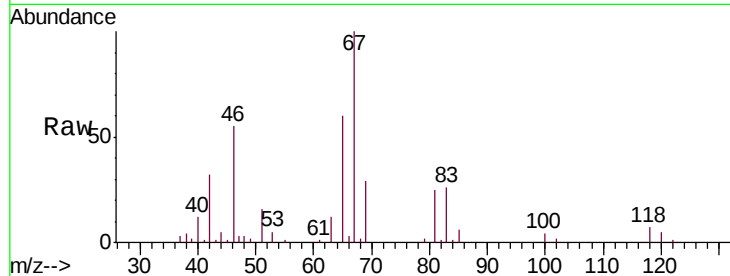




#40
 1,2-Dichloropropane
 Concen: 2.827 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010703.D
 Acq: 07 May 2019 20:45

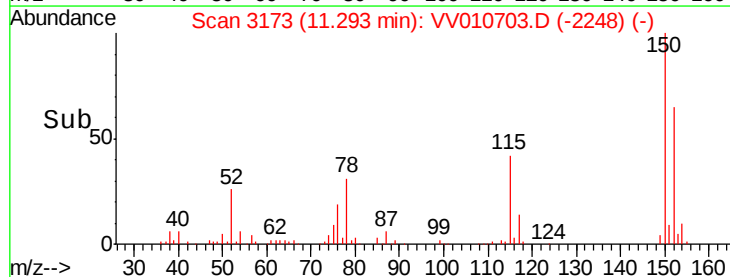
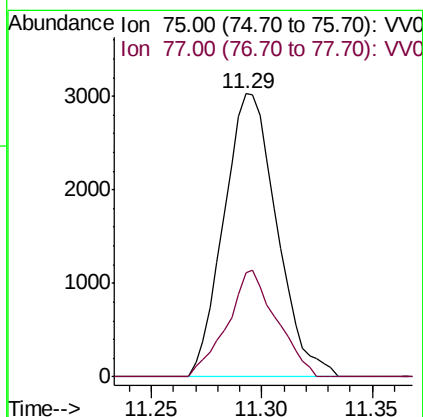
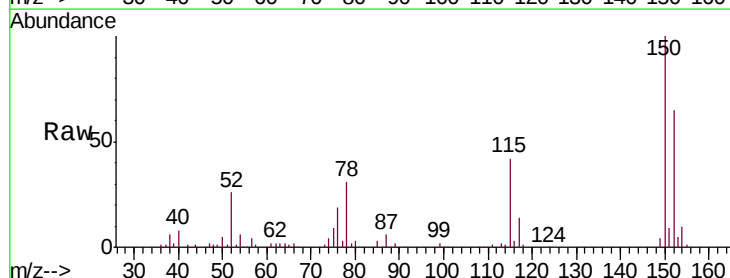
Instrument :
 MSVOA_V
 ClientSampleId :
 GAJA3

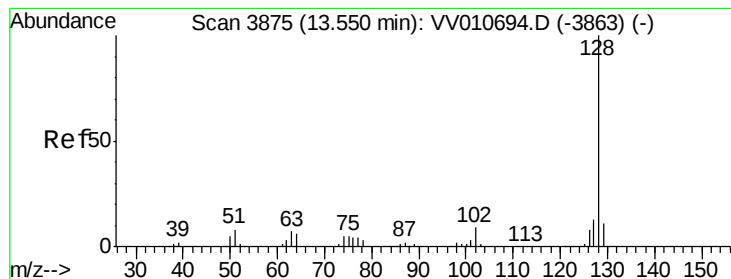
Tgt Ion: 63 Resp: 3273
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.186 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010703.D
 Acq: 07 May 2019 20:45

Tgt Ion: 75 Resp: 5043
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.0 37.6





#69

Naphthalene

Concen: 75.182 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV010703.D

Acq: 07 May 2019 20:45

Instrument :

MSVOA_V

ClientSampleId :

GAJA3

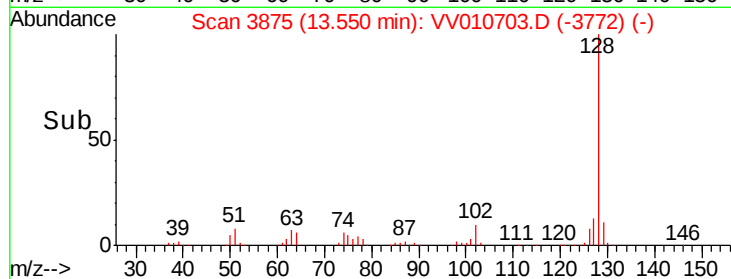
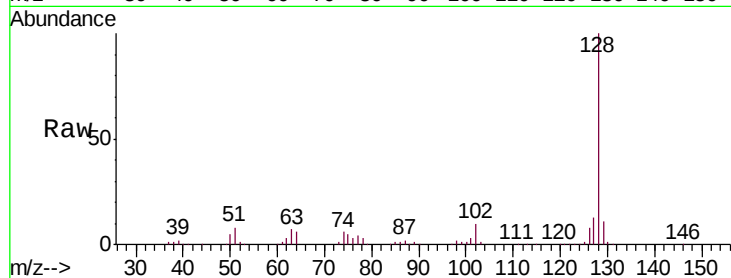
Tgt Ion:128 Resp: 220238

Ion Ratio Lower Upper

128 100

129 11.0 8.3 12.5

127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

