

Data File : VV010697.D
Acq On : 07 May 2019 17:57
Operator : SY/MD
Sample : K2633-05
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ97

Quant Time: May 08 03:05:21 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	84214	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	72817	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33680	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18879	14.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.72%
7) Chloroethane-d5	1.57	69	20380	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
10) 1,1-Dichloroethene-d2	2.12	63	31773	11.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.80%#
20) 2-Butanone-d5	3.94	46	14521	36.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.98%
24) Chloroform-d	4.40	84	47368	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	5.08	65	31263	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	5.10	84	31607	8.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	33.00%
33) 1,2-Dichloropropane-d6	6.12	67	29841	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.72%
37) Toluene-d8	7.36	98	41319	11.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	45.04%
38) trans-1,3-Dichloropropene-	7.66	79	10497	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.40%
39) 2-Hexanone-d5	8.13	63	11200	43.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25930	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	11032	8.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	33.84%#

Target Compounds

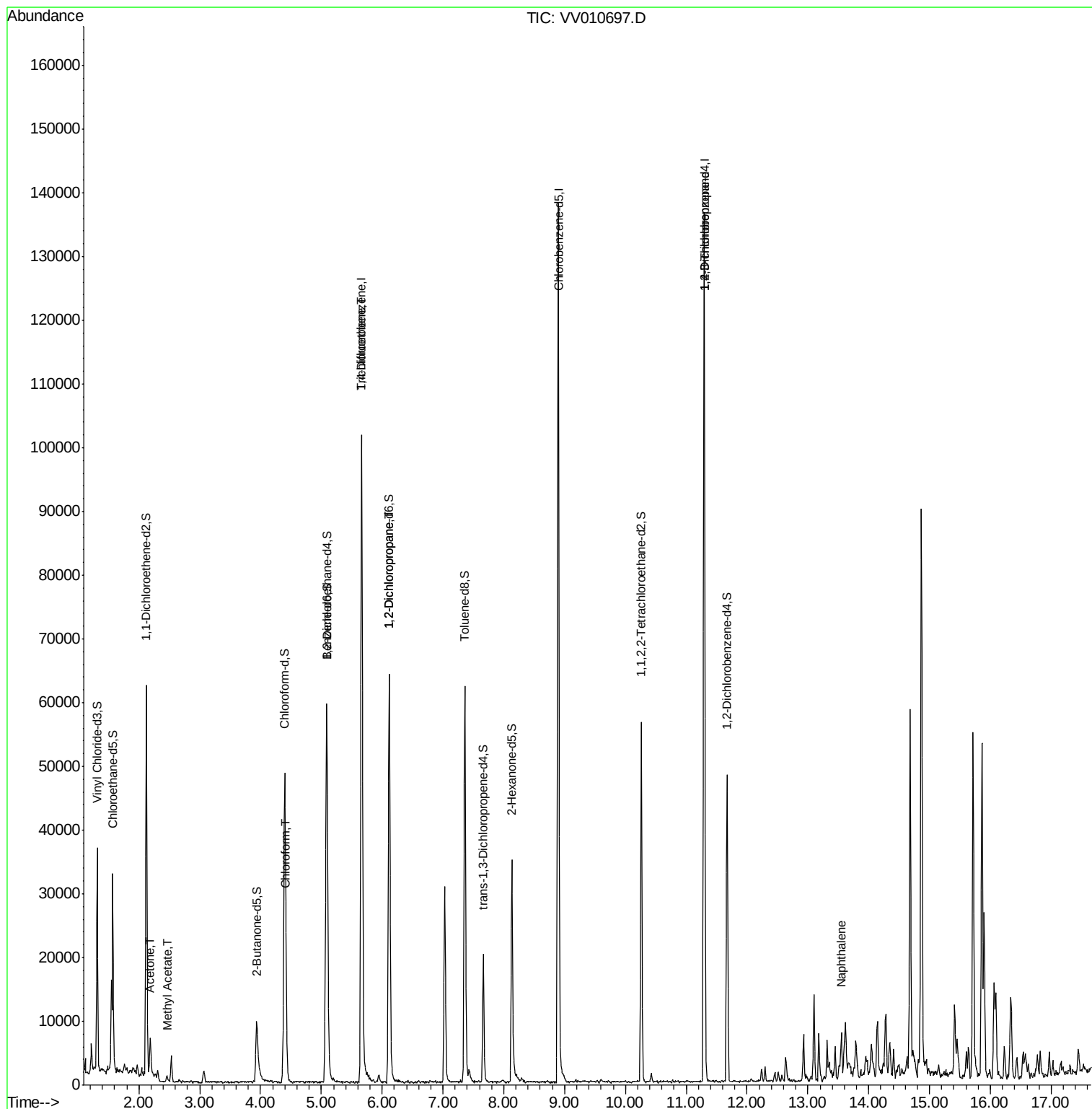
						Qvalue
13) Acetone	2.19	43	5223	8.594	ug/L	94
15) Methyl Acetate	2.46	43	1077	1.483	ug/L	96
25) Chloroform	4.43	83	2478	0.972	ug/L #	67
35) Trichloroethene	5.67	95	2521	2.105	ug/L #	7
40) 1,2-Dichloropropane	6.12	63	3701	3.255	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	4526	4.738	ug/L #	83
69) Naphthalene	13.55	128	5318	1.901	ug/L #	87

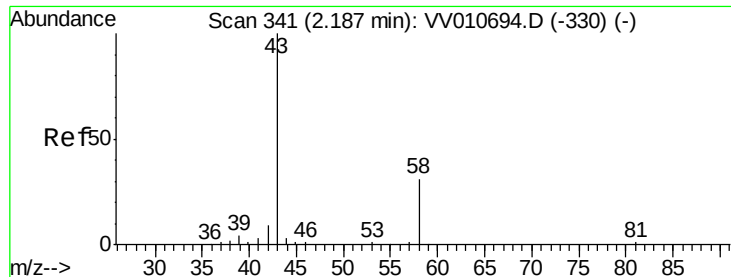
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.594 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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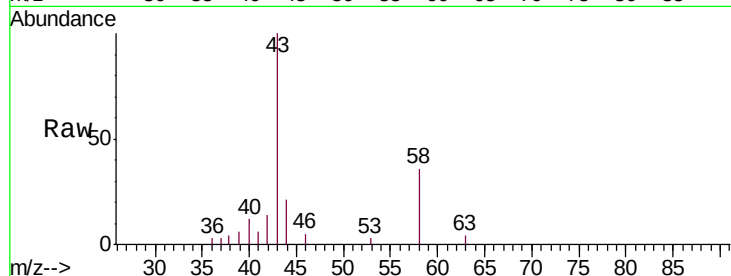
Instrument :
MSVOA_V
ClientSampleId :
GAJ97

Tgt Ion: 43 Resp: 5223

Ion Ratio Lower Upper

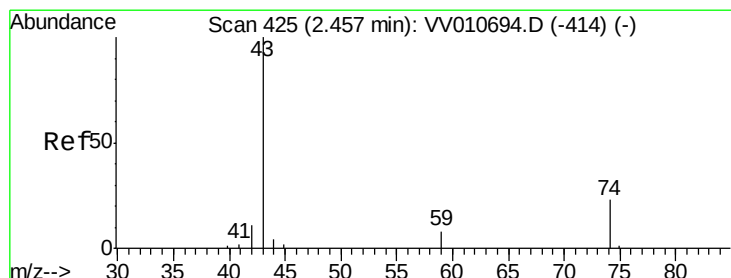
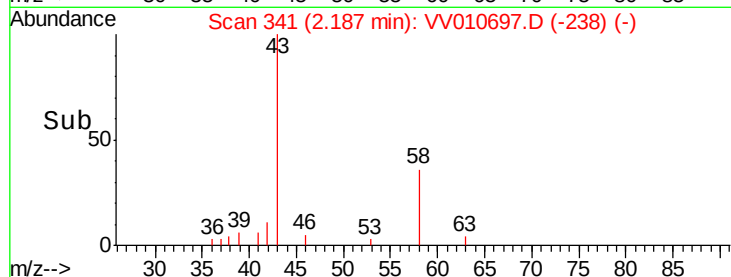
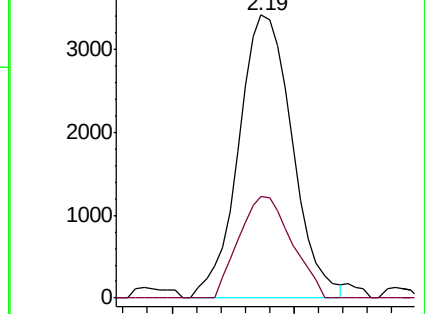
43 100

58 35.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010697.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010697.D (-330) (-)



#15

Methyl Acetate

Concen: 1.483 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV010697.D

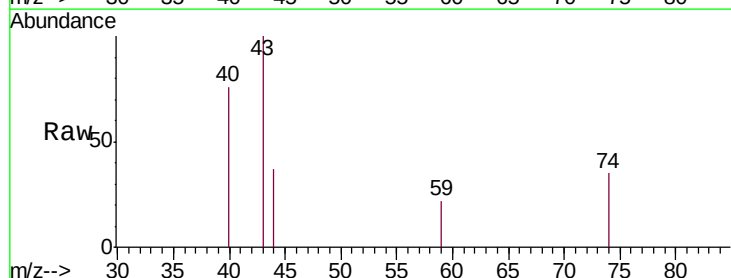
Acq: 07 May 2019 17:57

Tgt Ion: 43 Resp: 1077

Ion Ratio Lower Upper

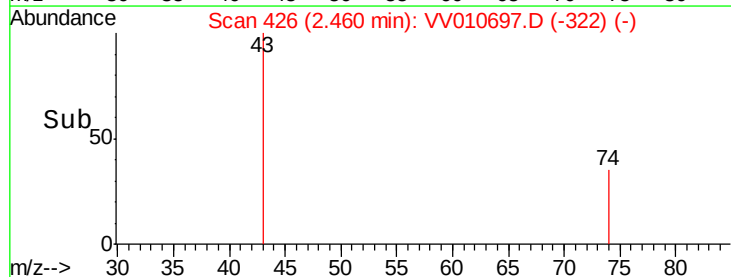
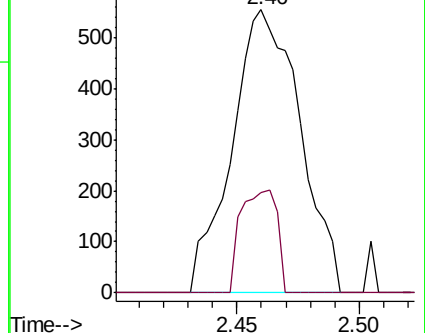
43 100

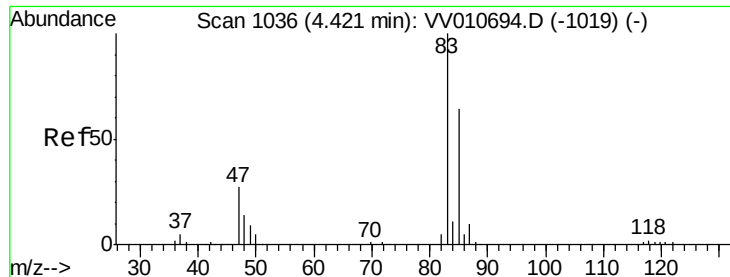
74 19.1 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VV010697.D (-322) (-)

Ion 74.00 (73.70 to 74.70): VV010697.D (-322) (-)





#25

Chloroform

Concen: 0.972 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV010697.D

Acq: 07 May 2019 17:57

Instrument :

MSVOA_V

ClientSampled :

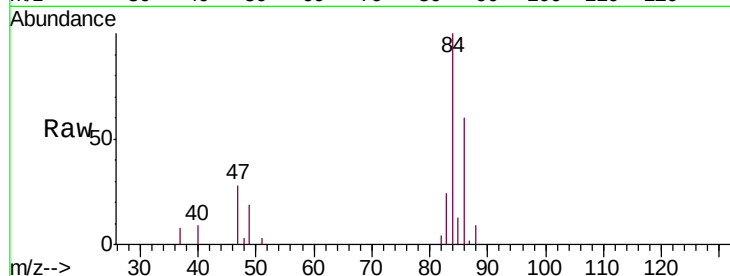
GAJ97

Tgt Ion: 83 Resp: 2478

Ion Ratio Lower Upper

83 100

85 37.7 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV010694.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010694.D (-1019) (-)

4.43

1000

800

600

400

200

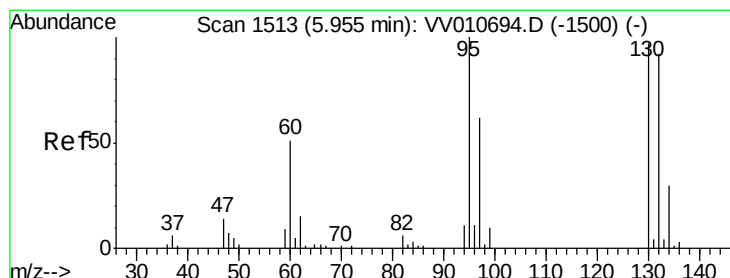
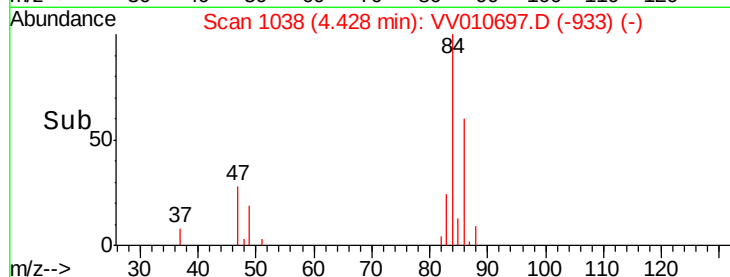
0

4.35

4.40

4.45

Time-->



#35

Trichloroethene

Concen: 2.105 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV010697.D

Acq: 07 May 2019 17:57

Tgt Ion: 95 Resp: 2521

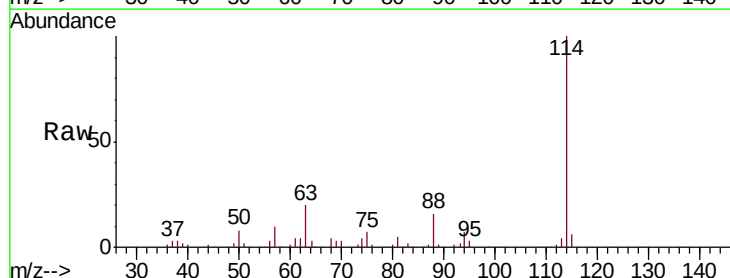
Ion Ratio Lower Upper

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): VV010694.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV010694.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV010694.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV010694.D (-1500) (-)

2000

1500

1000

500

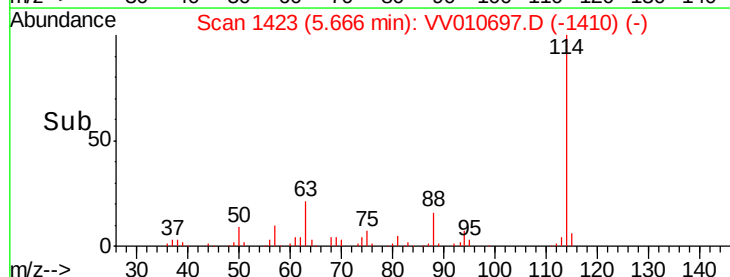
0

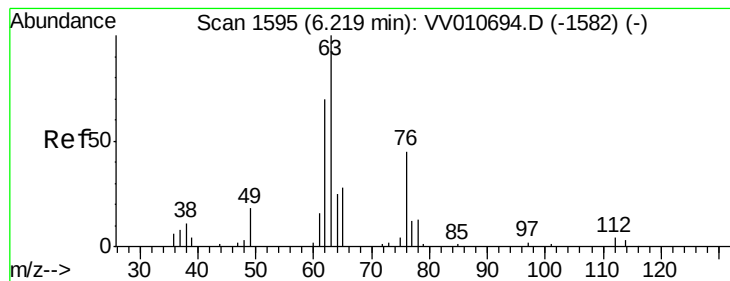
5.60

5.65

5.70

Time-->





#40

1,2-Dichloropropane

Concen: 3.255 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010697.D

Acq: 07 May 2019 17:57

Instrument :

MSVOA_V

ClientSampled :

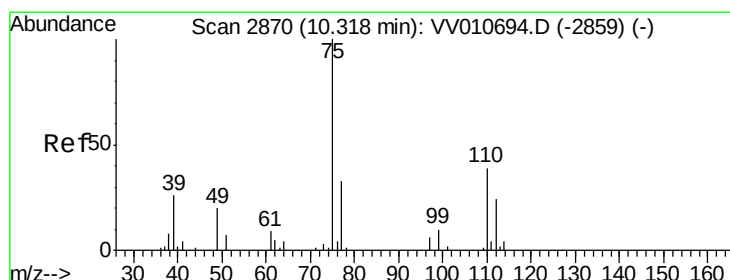
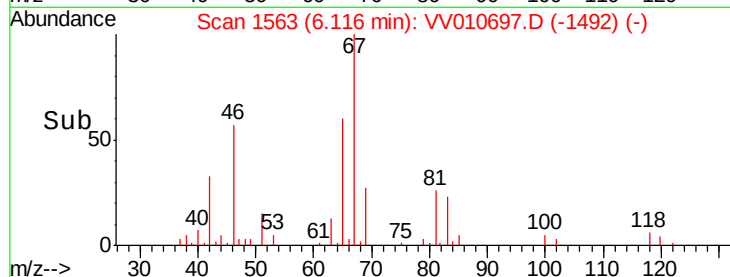
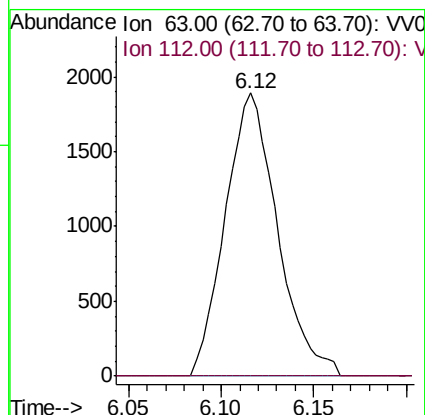
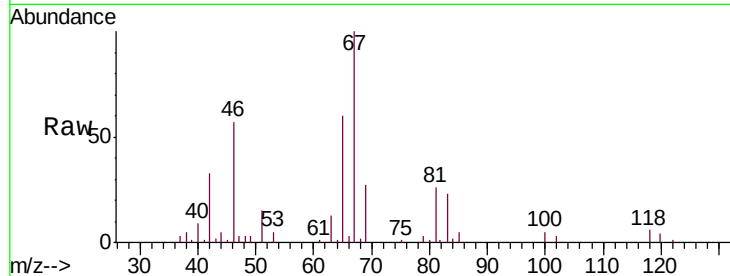
GAJ97

Tgt Ion: 63 Resp: 3701

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#59

1,2,3-Trichloropropane

Concen: 4.738 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010697.D

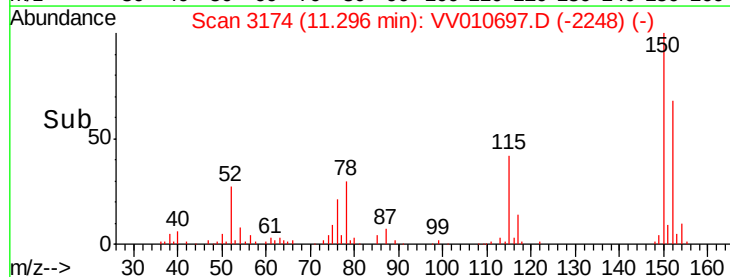
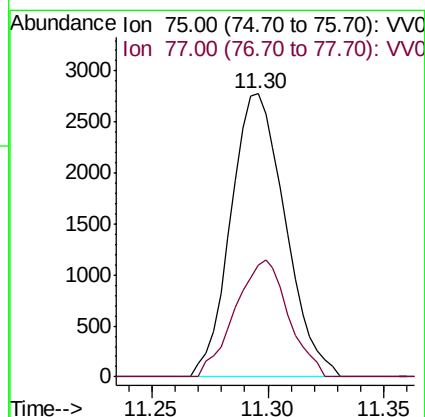
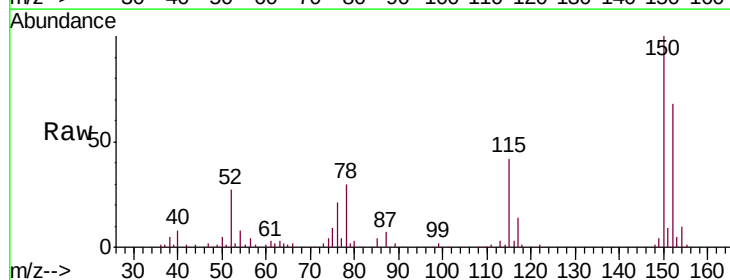
Acq: 07 May 2019 17:57

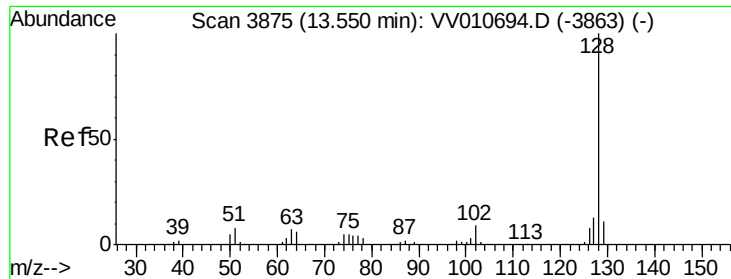
Tgt Ion: 75 Resp: 4526

Ion Ratio Lower Upper

75 100

77 40.5 25.0 37.6#





#69

Naphthalene

Concen: 1.901 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV010697.D

Acq: 07 May 2019 17:57

Instrument :

MSVOA_V

ClientSampleId :

GAJ97

Tgt Ion:128 Resp: 5318

Ion Ratio Lower Upper

128 100

129 1.6 8.3 12.5#

127 11.8 10.8 16.2

