

Data File : VV010704.D
Acq On : 07 May 2019 21:13
Operator : SY/MD
Sample : K2633-12
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA4

Quant Time: May 08 03:06:16 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	36610	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	43391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21070	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4587	8.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	32.24%
7) Chloroethane-d5	1.57	69	6016	12.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.40%
10) 1,1-Dichloroethene-d2	2.12	63	9141	7.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.64%#
20) 2-Butanone-d5	3.94	46	15586	91.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	182.66%#
24) Chloroform-d	4.40	84	23086	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.08	65	19835	31.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.28%
29) Benzene-d6	5.10	84	39881	17.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.84%
33) 1,2-Dichloropropane-d6	6.12	67	16280	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	7.36	98	36404	16.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.56%
38) trans-1,3-Dichloropropene-	7.67	79	6872	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.84%
39) 2-Hexanone-d5	8.13	63	11477	75.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.72%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	21465	31.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.52%#
61) 1,2-Dichlorobenzene-d4	11.67	152	18124	22.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.84%

Target Compounds

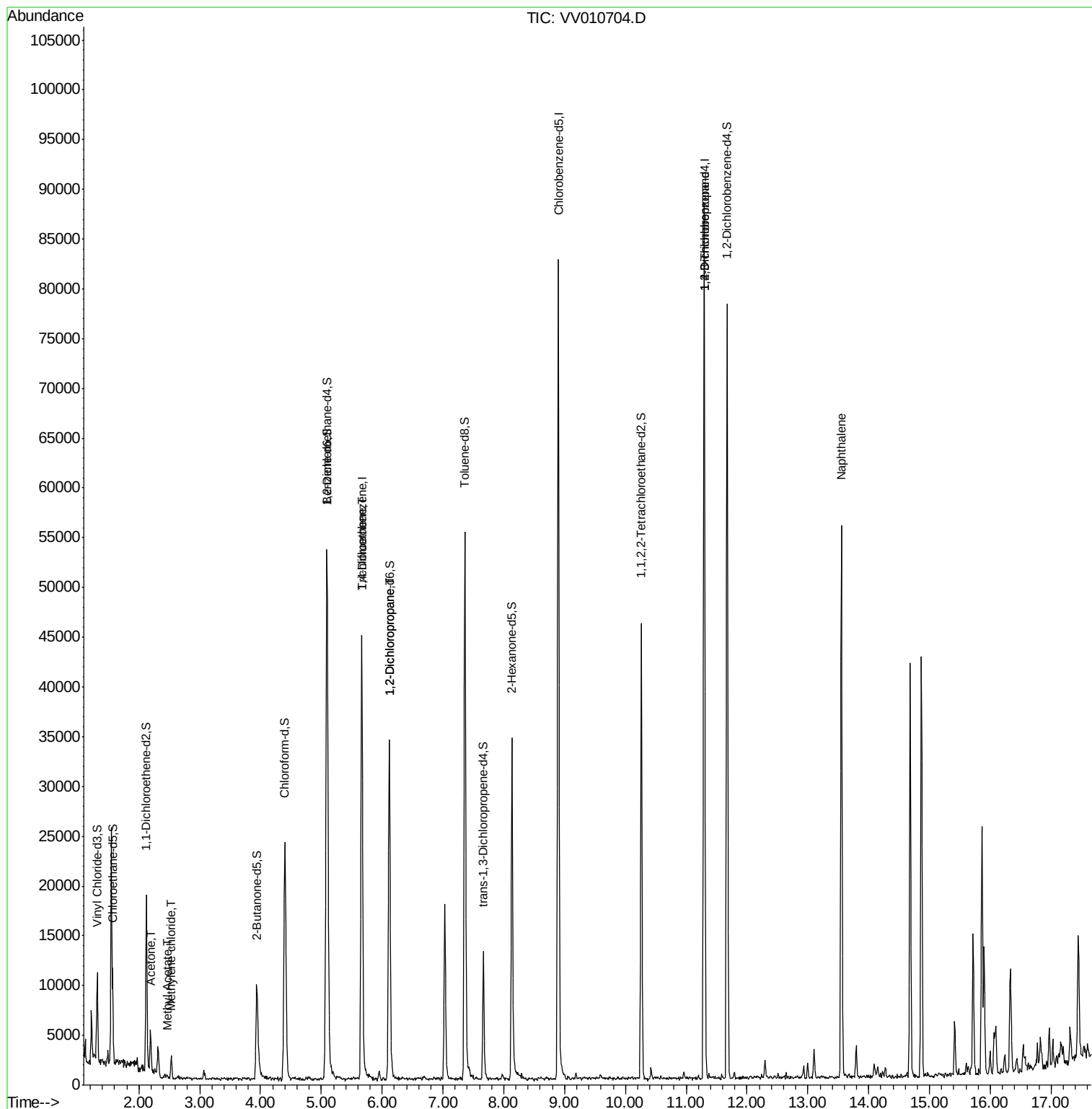
					Qvalue
13) Acetone	2.19	43	3856	14.594 ug/L	100
15) Methyl Acetate	2.46	43	323	1.023 ug/L #	55
16) Methylene chloride	2.53	84	1007	1.779 ug/L	88
35) Trichloroethene	5.67	95	689	0.966 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	2026	2.990 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	3139	5.515 ug/L	97
69) Naphthalene	13.55	128	39748	22.716 ug/L	99

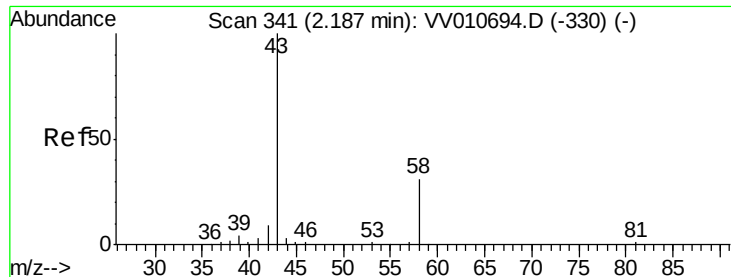
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.594 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010704.D

Acq: 07 May 2019 21:13

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MSVOA_V

ClientSampleId :

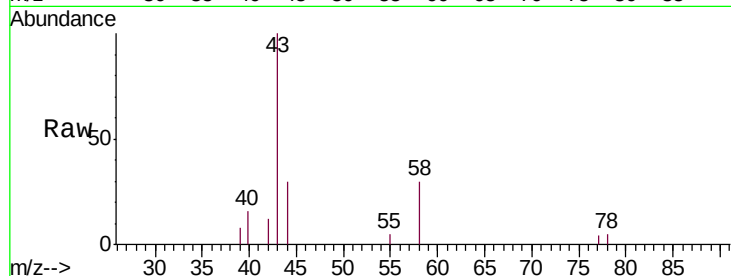
GAJA4

Tgt Ion: 43 Resp: 3856

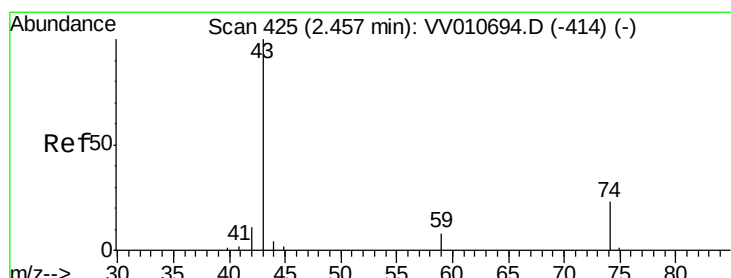
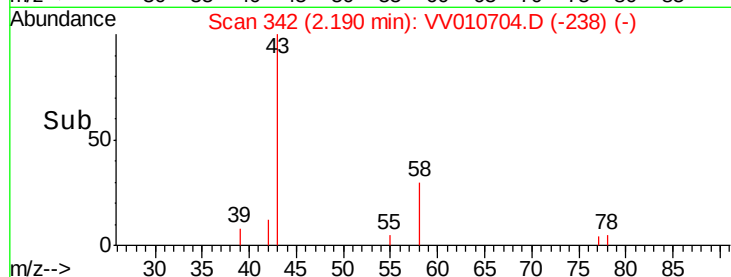
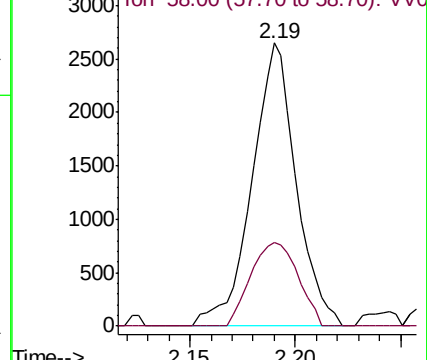
Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010704.D (-238) (-)



#15

Methyl Acetate

Concen: 1.023 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.01 min

Lab File: VV010704.D

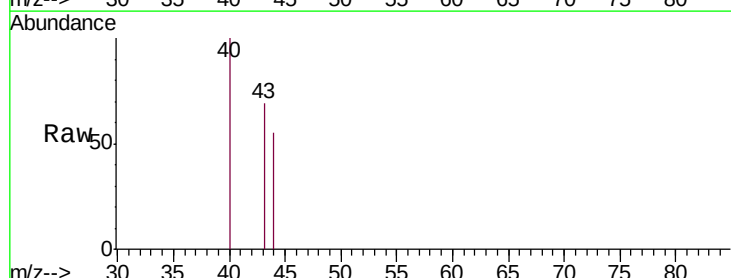
Acq: 07 May 2019 21:13

Tgt Ion: 43 Resp: 323

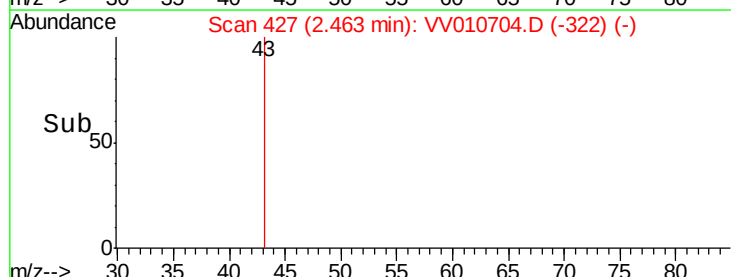
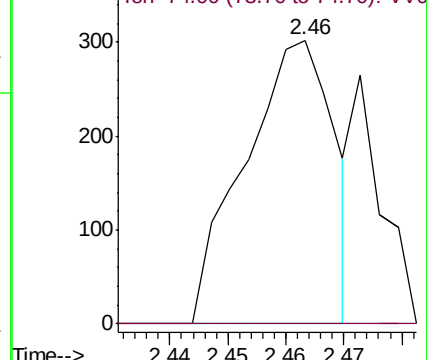
Ion Ratio Lower Upper

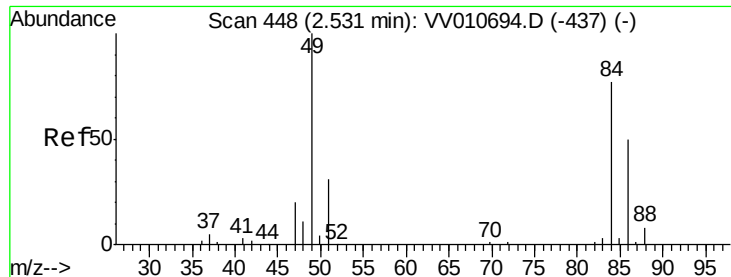
43 100

74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VV010704.D (-322) (-)

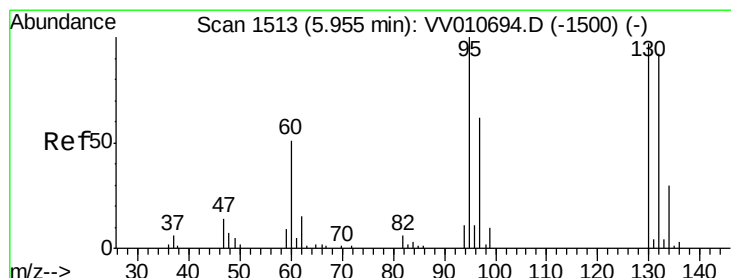
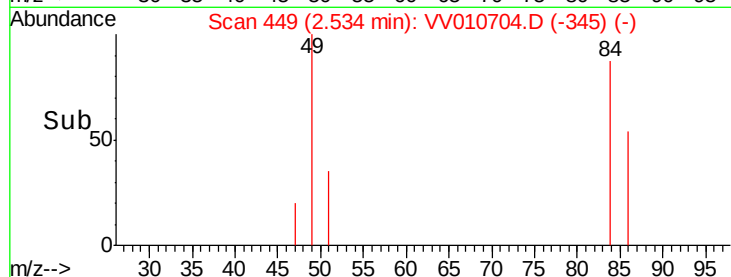
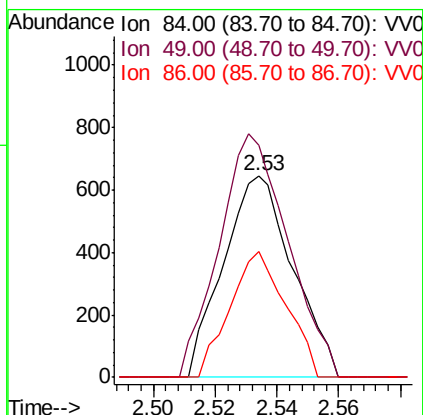
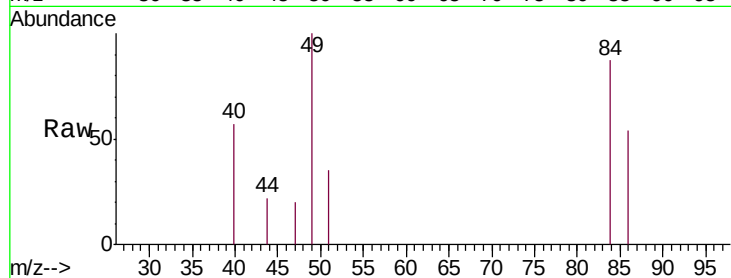




#16
Methylene chloride
Concen: 1.779 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010704.D
Acq: 07 May 2019 21:13

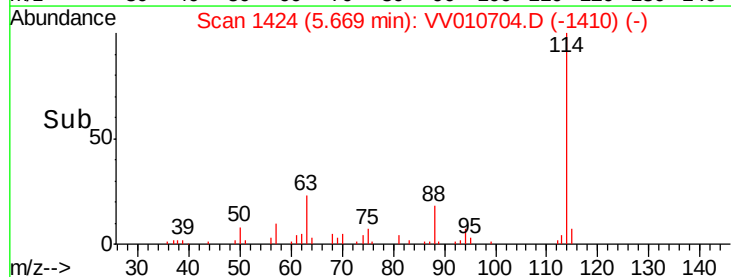
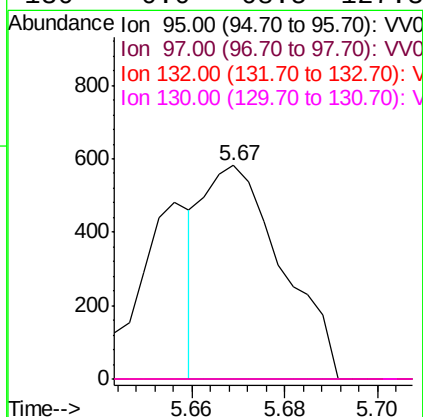
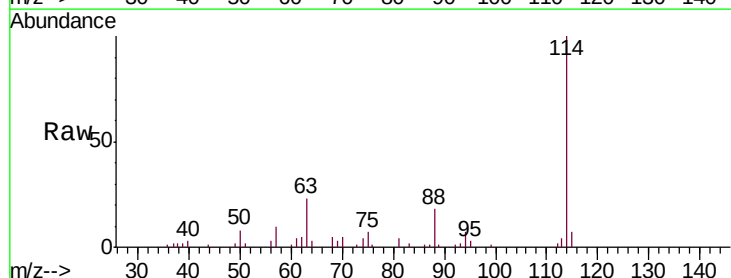
Instrument :
MSVOA_V
ClientSampleId :
GAJA4

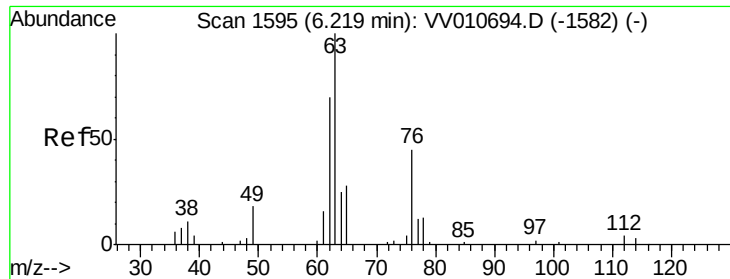
Tgt Ion: 84 Resp: 1007
Ion Ratio Lower Upper
84 100
49 115.0 92.9 172.5
86 62.1 46.5 86.5



#35
Trichloroethene
Concen: 0.966 ug/L
RT: 5.67 min Scan# 1424
Delta R.T. -0.29 min
Lab File: VV010704.D
Acq: 07 May 2019 21:13

Tgt Ion: 95 Resp: 689
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#

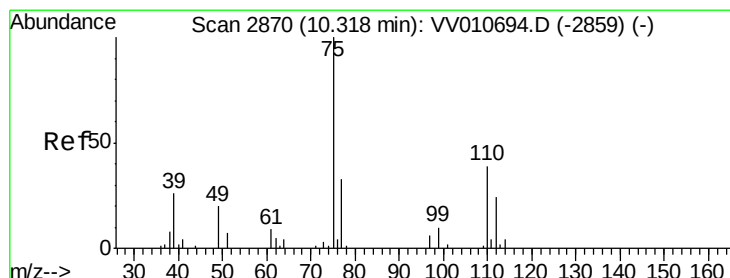
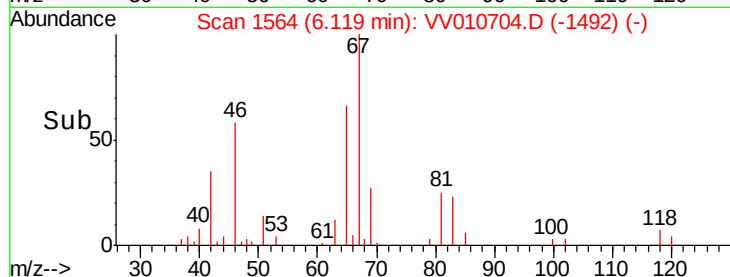
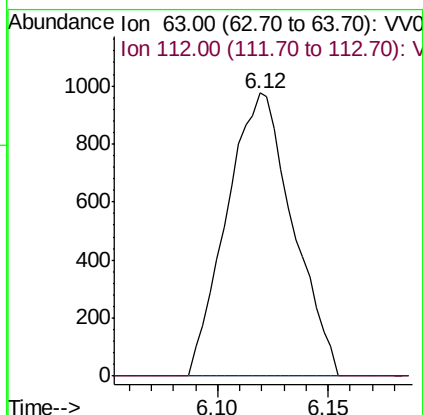
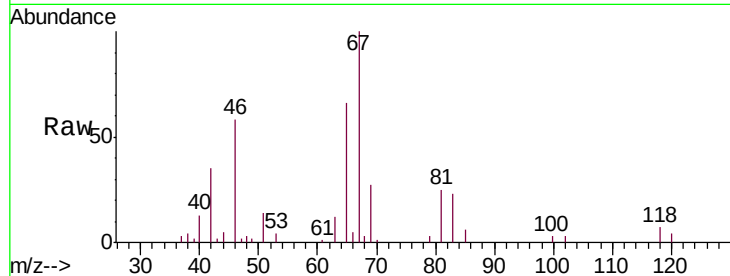




#40
 1,2-Dichloropropane
 Concen: 2.990 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010704.D
 Acq: 07 May 2019 21:13

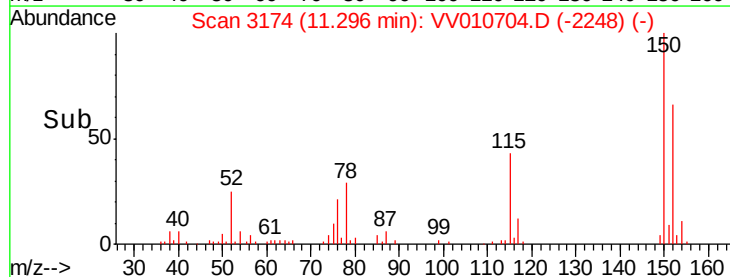
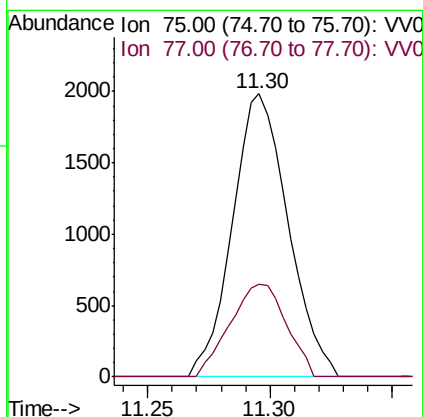
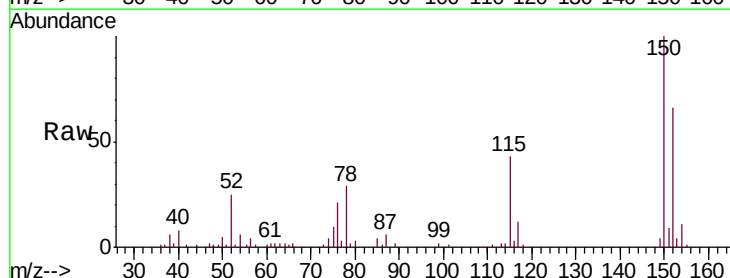
Instrument :
 MSVOA_V
 ClientSampled :
 GAJA4

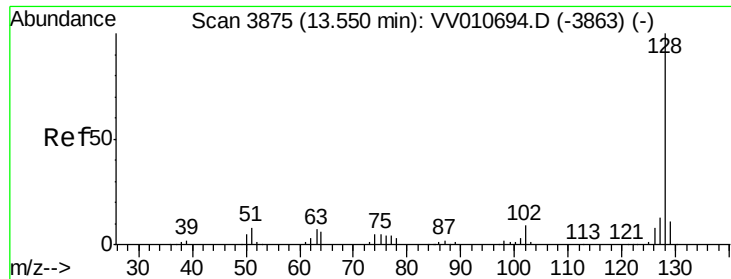
Tgt Ion: 63 Resp: 2026
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.515 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010704.D
 Acq: 07 May 2019 21:13

Tgt Ion: 75 Resp: 3139
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.6





#69

Naphthalene

Concen: 22.716 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV010704.D

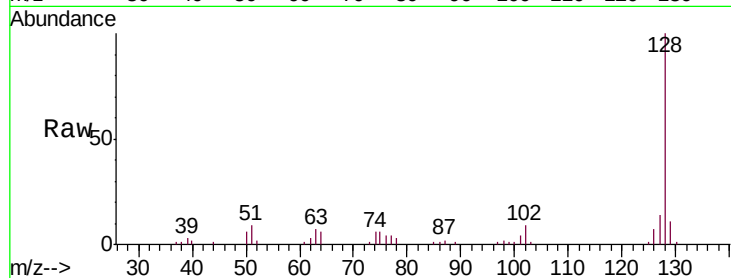
Acq: 07 May 2019 21:13

Instrument :

MSVOA_V

ClientSampleId :

GAJA4



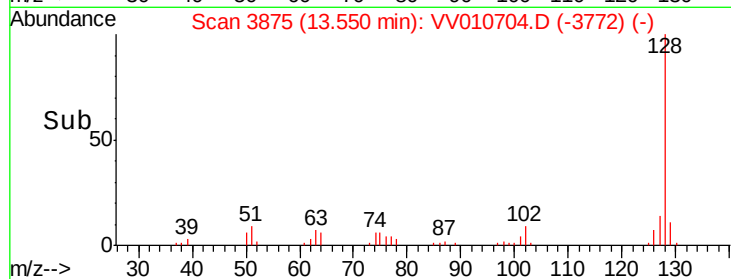
Tgt Ion:128 Resp: 39748

Ion Ratio Lower Upper

128 100

129 11.3 8.3 12.5

127 13.8 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

