

Data File : VV010702.D
Acq On : 07 May 2019 20:17
Operator : SY/MD
Sample : K2633-10
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA2

Quant Time: May 08 03:06:00 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	0.00	114	0	0.00	ug/L	-5.66
28) Chlorobenzene-d5	8.91	117	268	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	236	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	267	0.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	1.58	69	698	0.00	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
10) 1,1-Dichloroethene-d2	2.13	63	707	0.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	3.95	46	2443	0.00	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.41	84	3276	0.00	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	5.09	65	3182	0.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	5.11	84	4895	347.02	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	1388.08%#
33) 1,2-Dichloropropane-d6	6.12	67	2487	553.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	2213.20%#
37) Toluene-d8	7.36	98	3723	275.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	1102.40%#
38) trans-1,3-Dichloropropene-	7.67	79	839	409.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	1637.80%#
39) 2-Hexanone-d5	8.14	63	1723	1831.82	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3663.64%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	3231	764.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	3059.44%#
61) 1,2-Dichlorobenzene-d4	11.67	152	1859	203.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	813.56%#

Target Compounds

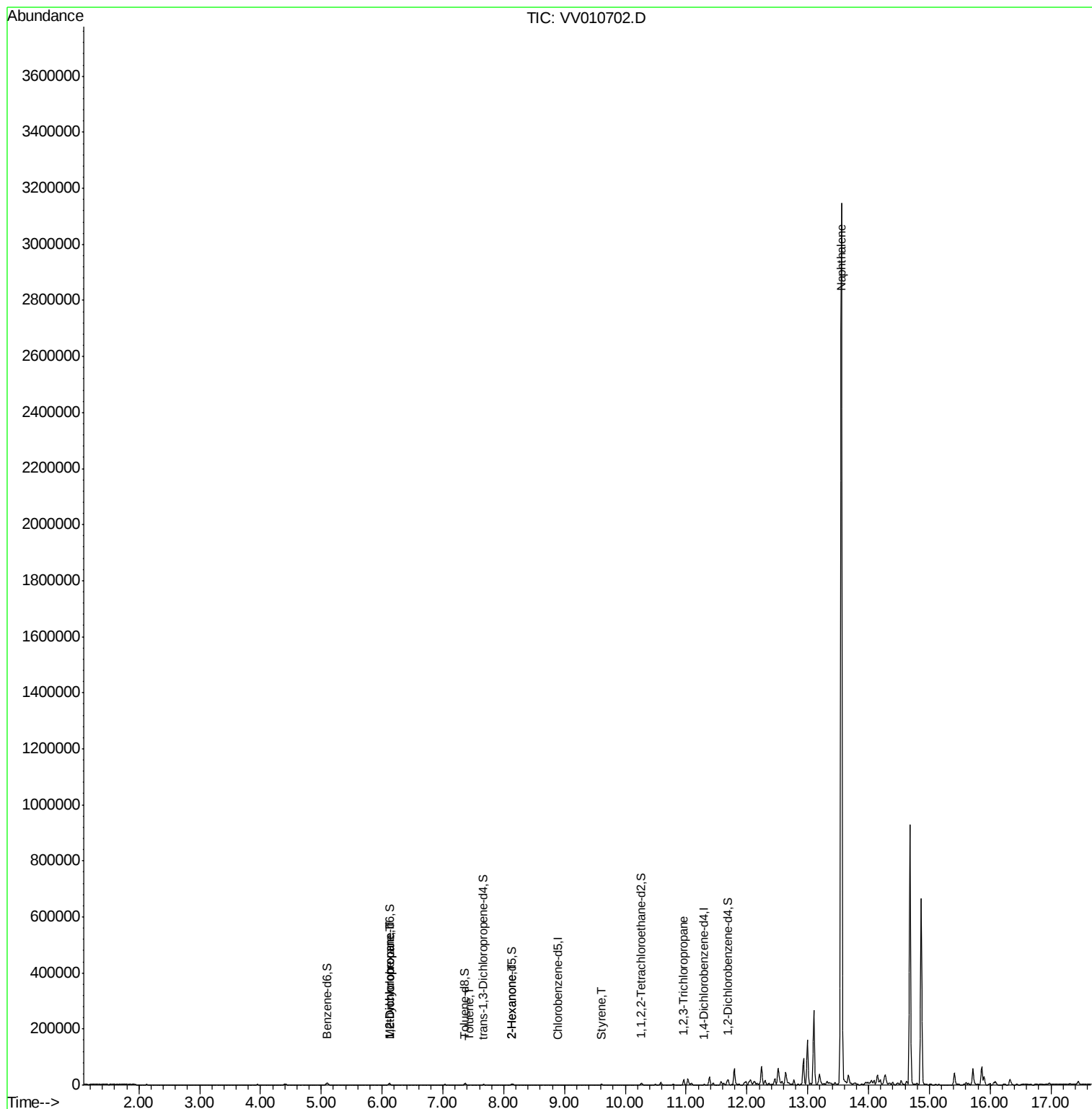
						Qvalue
36) Methylcyclohexane	6.13	83	253	35.820	ug/L #	17
40) 1,2-Dichloropropane	6.12	63	236	56.389	ug/L #	87
44) Toluene	7.43	91	197	11.025	ug/L #	22
49) 2-Hexanone	8.14	43	211	78.777	ug/L #	41
56) Styrene	9.61	104	1100	84.708	ug/L	98
59) 1,2,3-Trichloropropane	10.96	75	70	19.911	ug/L #	1
69) Naphthalene	13.55	128	2241377	114363.916	ug/L	99

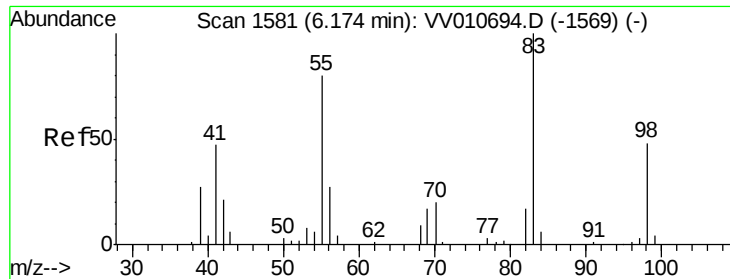
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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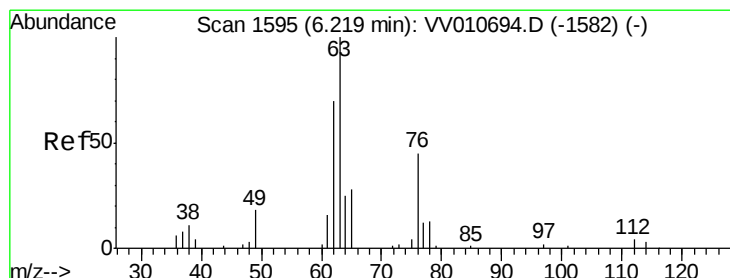
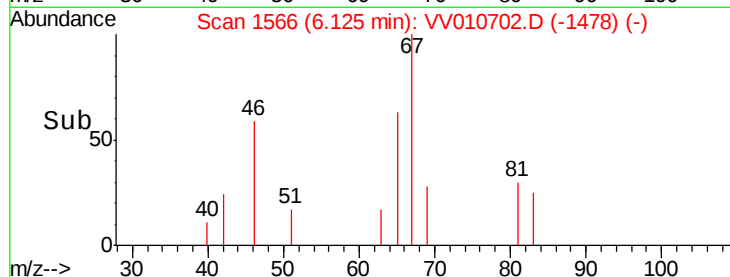
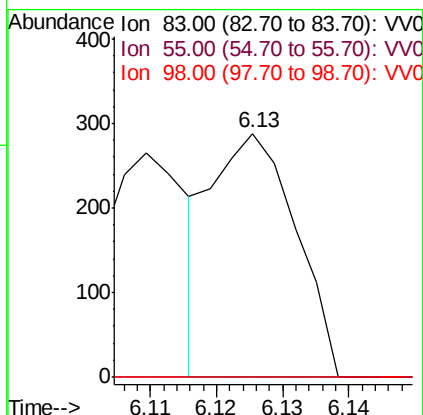
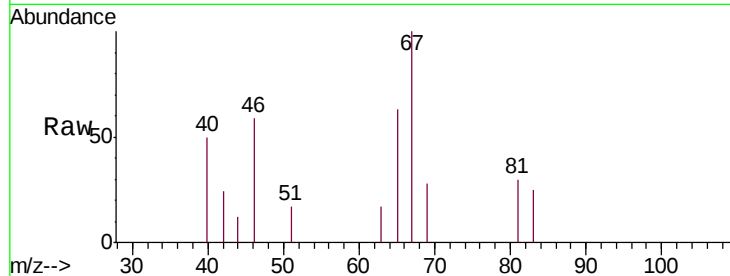




#36
Methylcyclohexane
Concen: 35.820 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV010702.D
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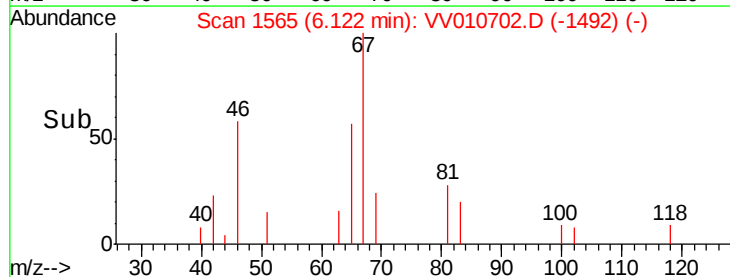
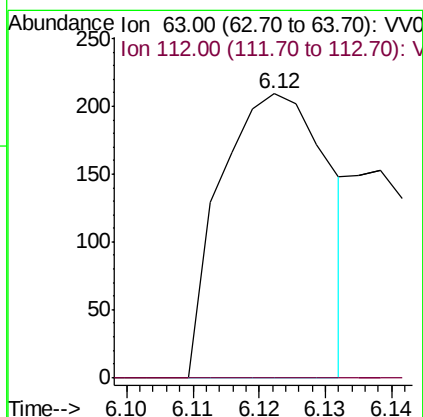
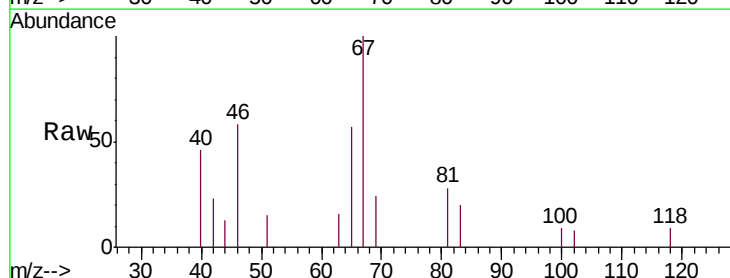
Instrument :
MSVOA_V
ClientSampleId :
GAJA2

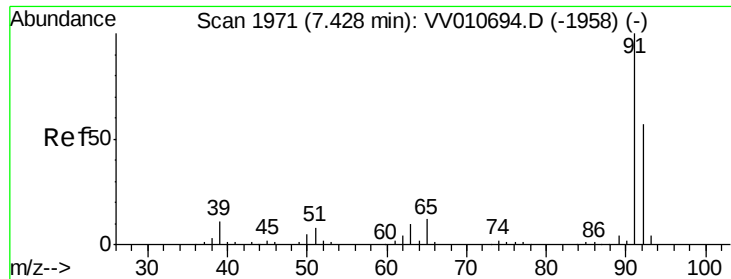
Tgt Ion: 83 Resp: 253
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 0.0 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 56.389 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010702.D
Acq: 07 May 2019 20:17

Tgt Ion: 63 Resp: 236
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#44

Toluene

Concen: 11.025 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV010702.D

Acq: 07 May 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

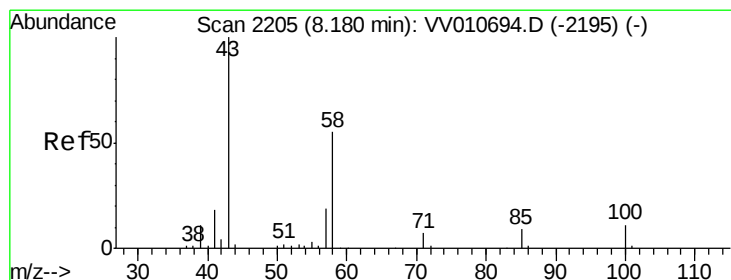
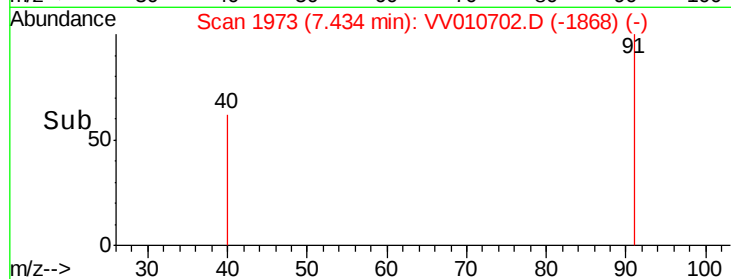
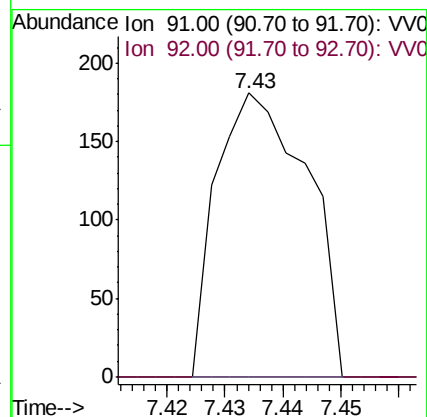
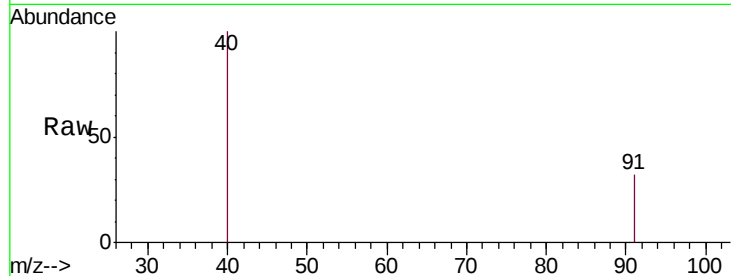
GAJA2

Tgt Ion: 91 Resp: 197

Ion Ratio Lower Upper

91 100

92 0.0 40.1 74.5#



#49

2-Hexanone

Concen: 78.777 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.04 min

Lab File: VV010702.D

Acq: 07 May 2019 20:17

Tgt Ion: 43 Resp: 211

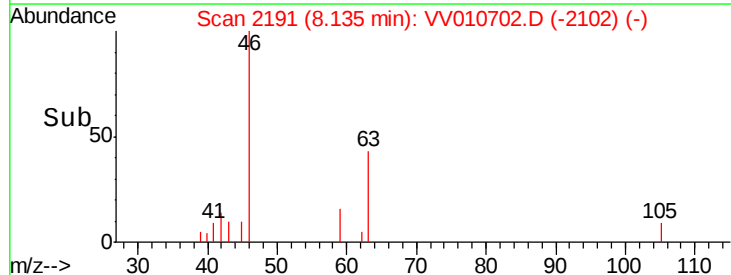
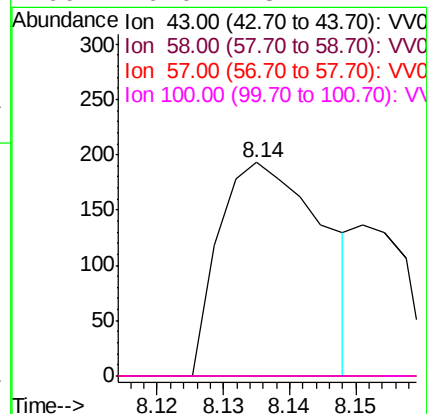
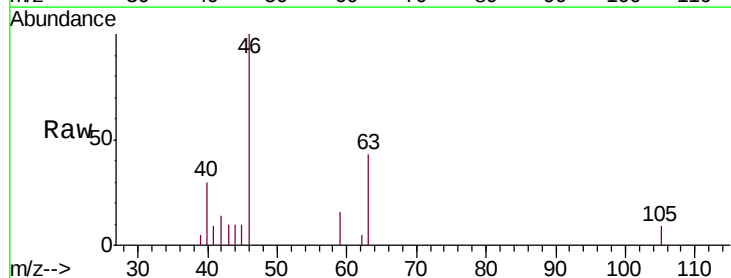
Ion Ratio Lower Upper

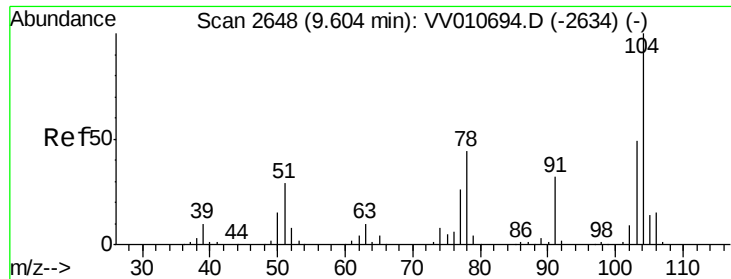
43 100

58 0.0 39.4 59.0#

57 0.0 14.2 21.4#

100 0.0 8.2 12.2#





#56

Styrene

Concen: 84.708 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV010702.D

Acq: 07 May 2019 20:17

Instrument :

MSVOA_V

ClientSampled :

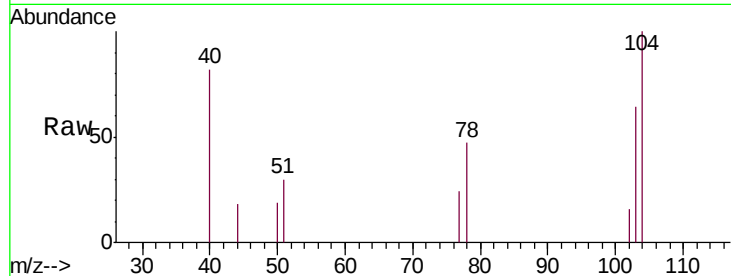
GAJA2

Tgt Ion:104 Resp: 1100

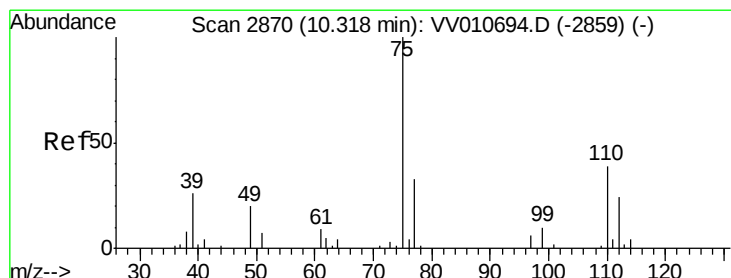
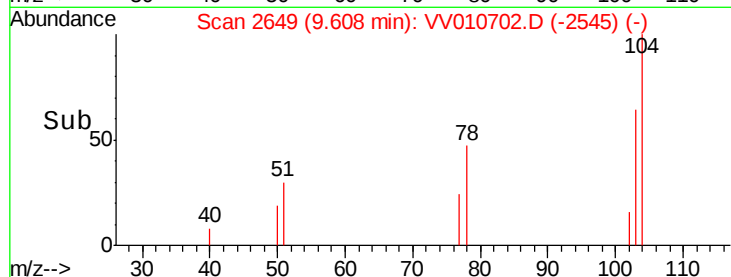
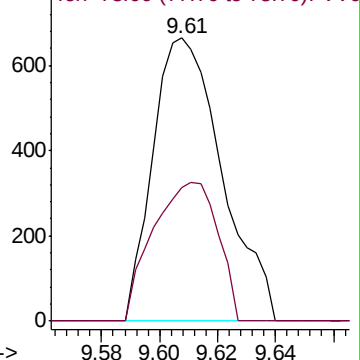
Ion Ratio Lower Upper

104 100

78 47.4 32.2 59.8



Abundance Ion 104.00 (103.70 to 104.70): VV010694.D (-2634) (-)



#59

1,2,3-Trichloropropane

Concen: 19.911 ug/L

RT: 10.96 min Scan# 3070

Delta R.T. 0.64 min

Lab File: VV010702.D

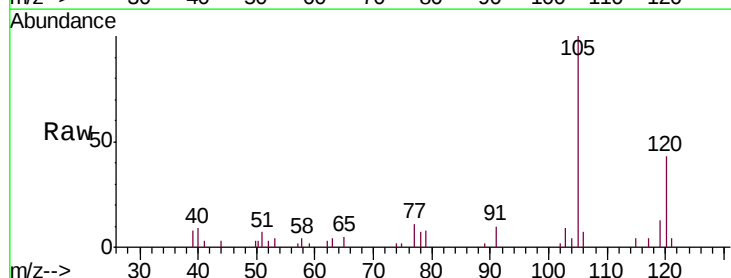
Acq: 07 May 2019 20:17

Tgt Ion: 75 Resp: 70

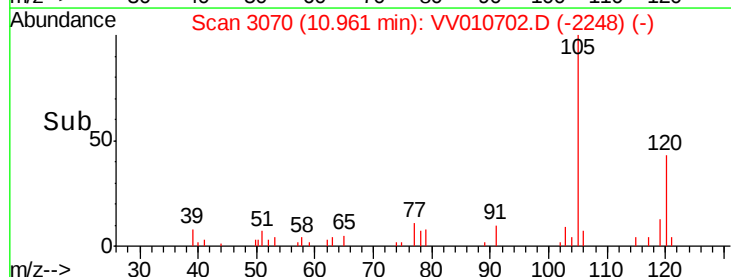
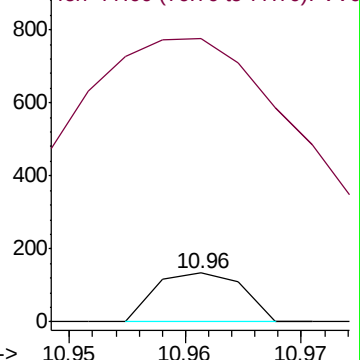
Ion Ratio Lower Upper

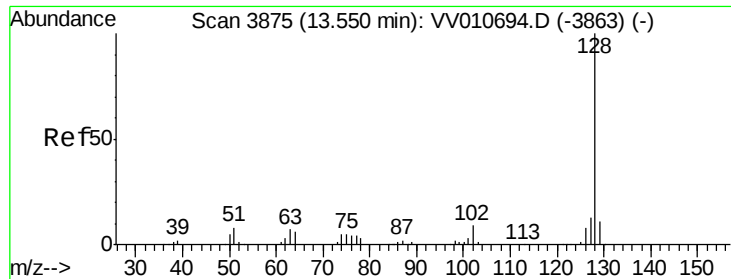
75 100

77 1770.0 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010694.D (-2859) (-)





#69

Naphthalene

Concen: 114363.916 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

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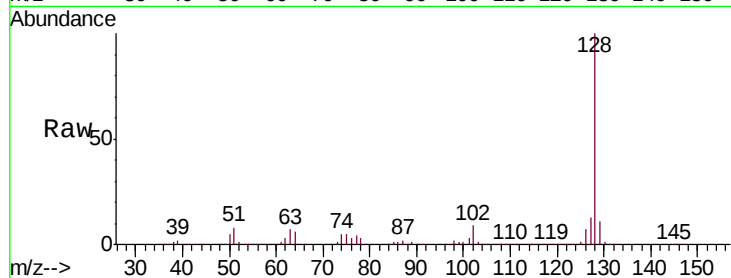
Tgt Ion:128 Resp: 2241377

Ion Ratio Lower Upper

128 100

129 11.1 8.3 12.5

127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

2000000 Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

