

Data File : VV010640.D
Acq On : 02 May 2019 23:03
Operator : SY/MD
Sample : K2603-07
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ59

Quant Time: May 03 02:26:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	163209	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167378	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77530	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32031	15.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.00%
7) Chloroethane-d5	1.58	69	28544	19.73	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
10) 1,1-Dichloroethene-d2	2.13	63	48864	13.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.92%
20) 2-Butanone-d5	3.94	46	22071	35.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.22%
24) Chloroform-d	4.40	84	93916	22.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	5.08	65	51754	21.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.68%
29) Benzene-d6	5.10	84	185364	21.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.48%
33) 1,2-Dichloropropane-d6	6.12	67	60491	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	7.36	98	174965	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	7.66	79	20474	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.56%
39) 2-Hexanone-d5	8.13	63	17236	36.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44607	18.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	68953	23.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.44%

Target Compounds

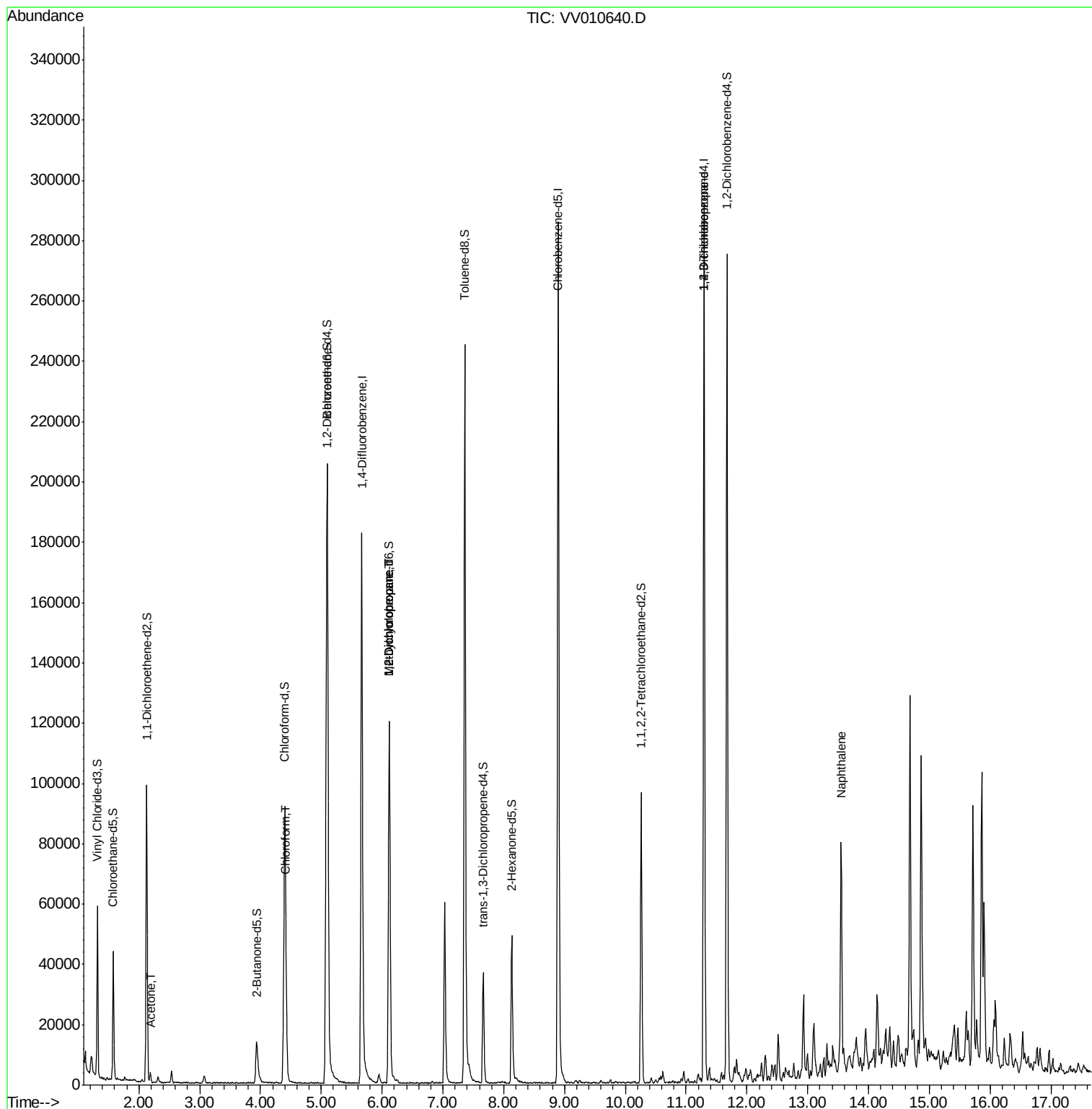
					Qvalue
13) Acetone	2.19	43	2186	4.056 ug/L	89
25) Chloroform	4.43	83	4124	1.025 ug/L #	68
36) Methylcyclohexane	6.12	83	14571	4.468 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	6763	3.250 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	9585	5.877 ug/L	93
69) Naphthalene	13.55	128	56535	11.408 ug/L	99

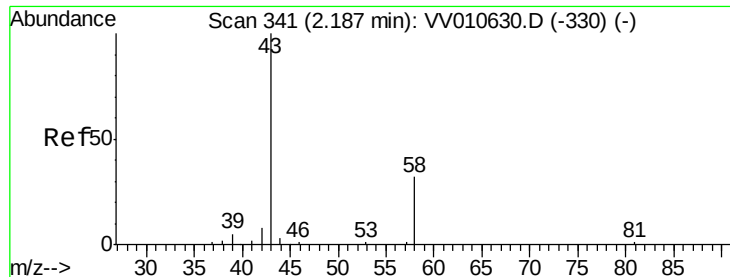
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.056 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

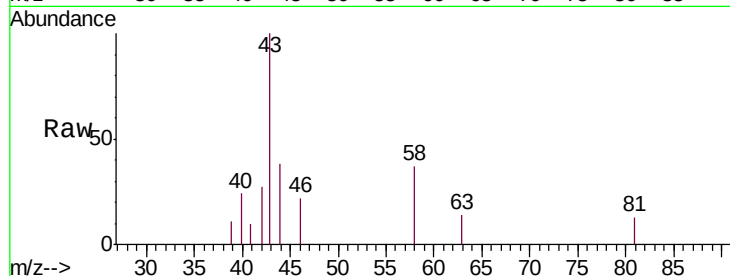
GAJ59

Tgt Ion: 43 Resp: 2186

Ion Ratio Lower Upper

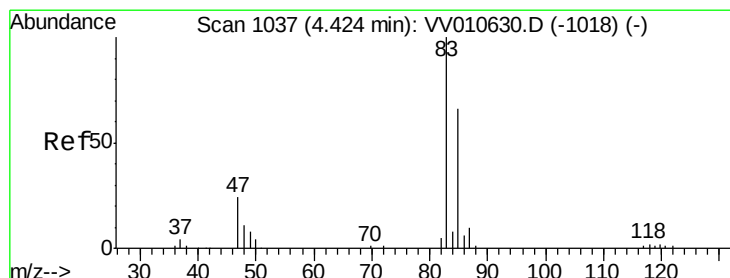
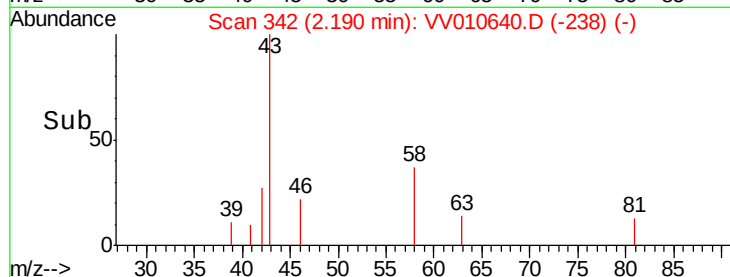
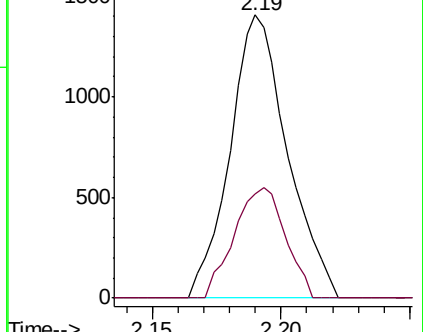
43 100

58 34.8 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010630.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010630.D (-330) (-)



#25

Chloroform

Concen: 1.025 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV010640.D

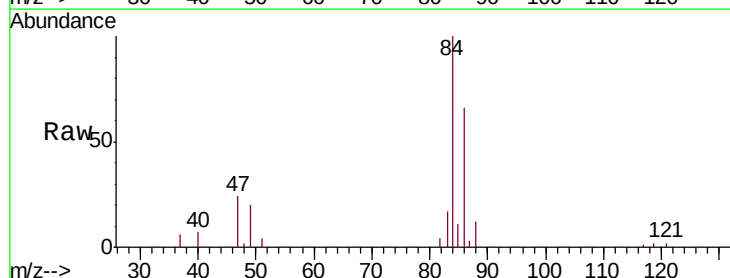
Acq: 02 May 2019 23:03

Tgt Ion: 83 Resp: 4124

Ion Ratio Lower Upper

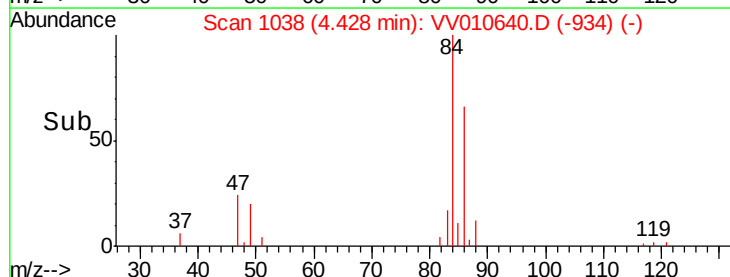
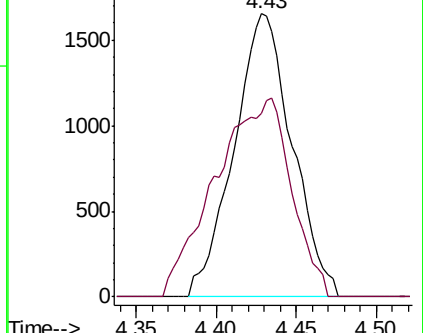
83 100

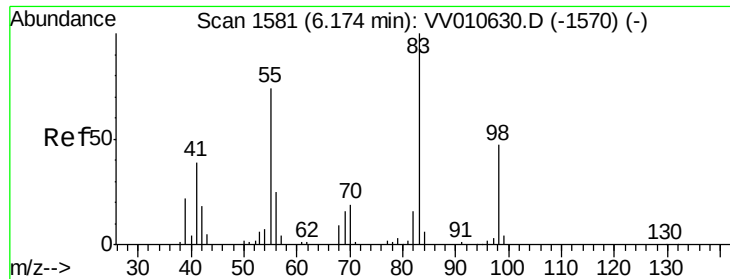
85 92.1 46.3 86.1#



Abundance Ion 83.00 (82.70 to 83.70): VV010630.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010630.D (-1018) (-)

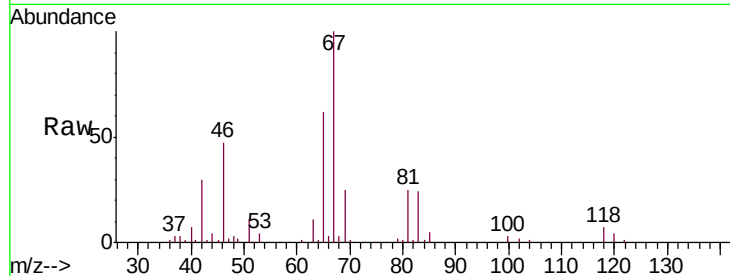




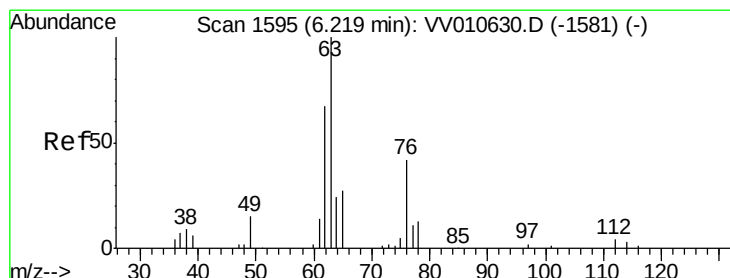
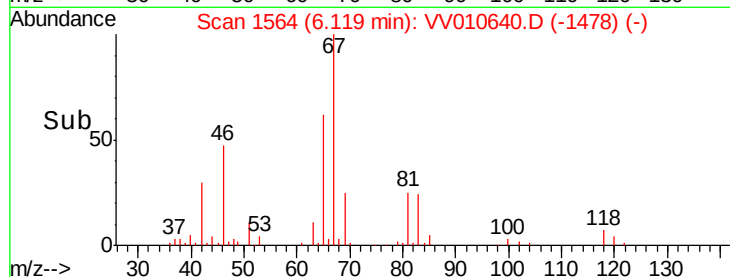
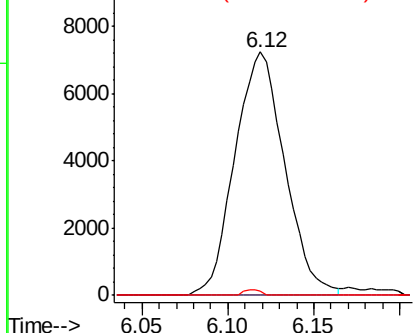
#36
Methylcyclohexane
Concen: 4.468 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010640.D
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Instrument :
MSVOA_V
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Tgt Ion: 83 Resp: 14571
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.7 37.4 56.2#

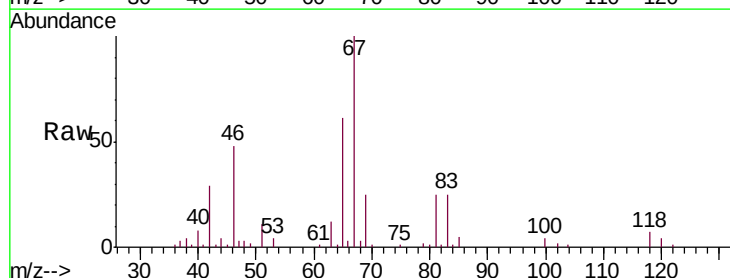


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

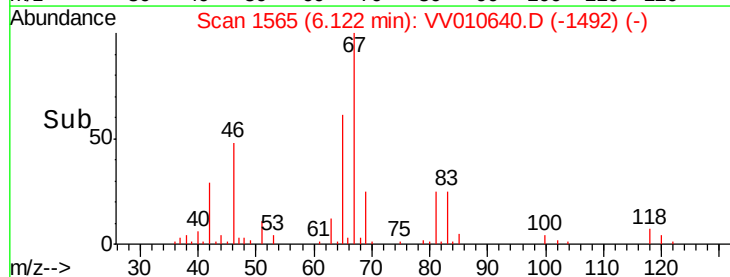
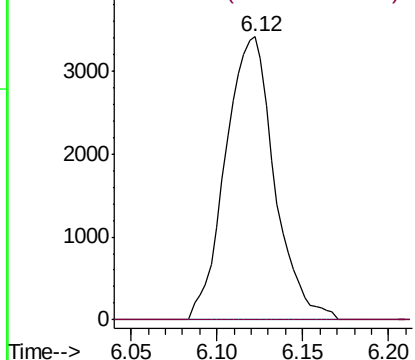


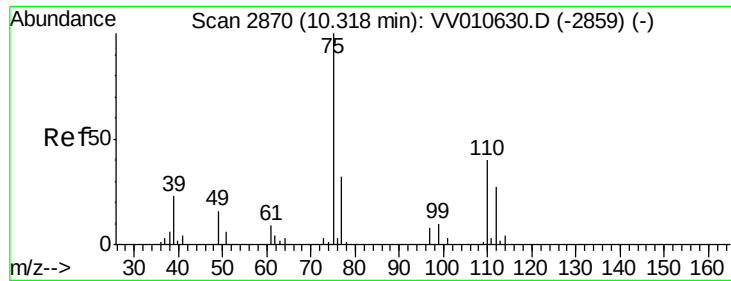
#40
1,2-Dichloropropane
Concen: 3.250 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010640.D
Acq: 02 May 2019 23:03

Tgt Ion: 63 Resp: 6763
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



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: 5.877 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010640.D

Acq: 02 May 2019 23:03

Instrument :

MSVOA_V

ClientSampleId :

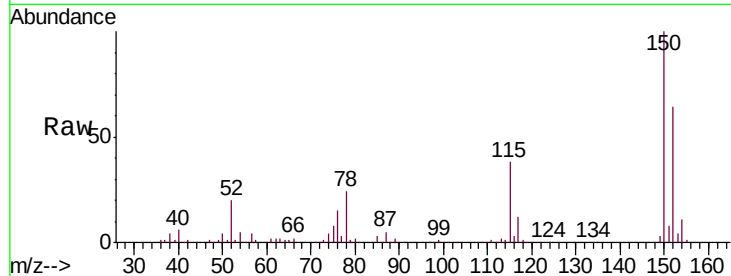
GAJ59

Tgt Ion: 75 Resp: 9585

Ion Ratio Lower Upper

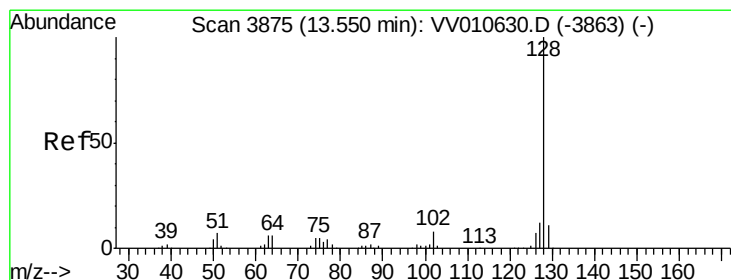
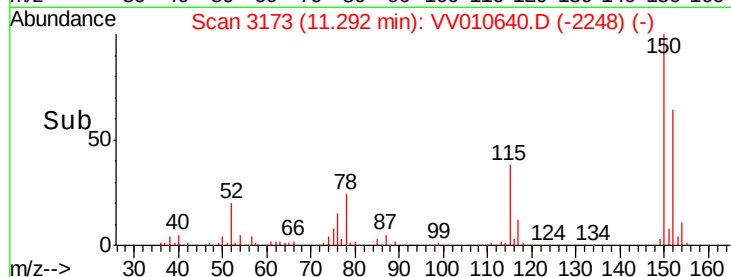
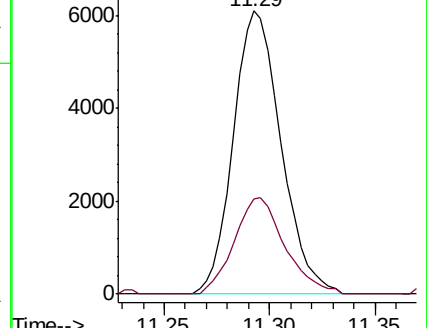
75 100

77 36.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV010640.D (-2248) (-)

Ion 77.00 (76.70 to 77.70): VV010640.D (-2248) (-)



#69

Naphthalene

Concen: 11.408 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV010640.D

Acq: 02 May 2019 23:03

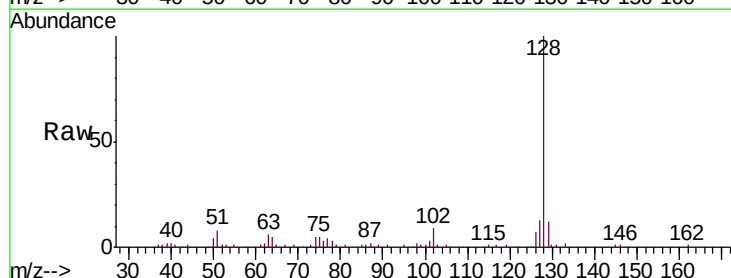
Tgt Ion: 128 Resp: 56535

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): VV010640.D (-3772) (-)

Ion 129.00 (128.70 to 129.70): VV010640.D (-3772) (-)

