

Data File : VV010652.D
Acq On : 03 May 2019 08:29
Operator : SY/MD
Sample : K2604-19
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ90

Quant Time: May 03 23:16:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225613	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	203005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73561	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41718	14.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.44%
7) Chloroethane-d5	1.56	69	35041	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.08%
10) 1,1-Dichloroethene-d2	2.12	63	61929	12.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.44%
20) 2-Butanone-d5	3.92	46	32044	36.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.74%
24) Chloroform-d	4.39	84	127248	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	5.07	65	73192	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.68%
29) Benzene-d6	5.09	84	271871	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	6.11	67	84973	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.48%
37) Toluene-d8	7.36	98	239060	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.60%
38) trans-1,3-Dichloropropene-	7.66	79	27728	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.28%
39) 2-Hexanone-d5	8.13	63	25073	43.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57775	19.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	70242	24.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.28%

Target Compounds

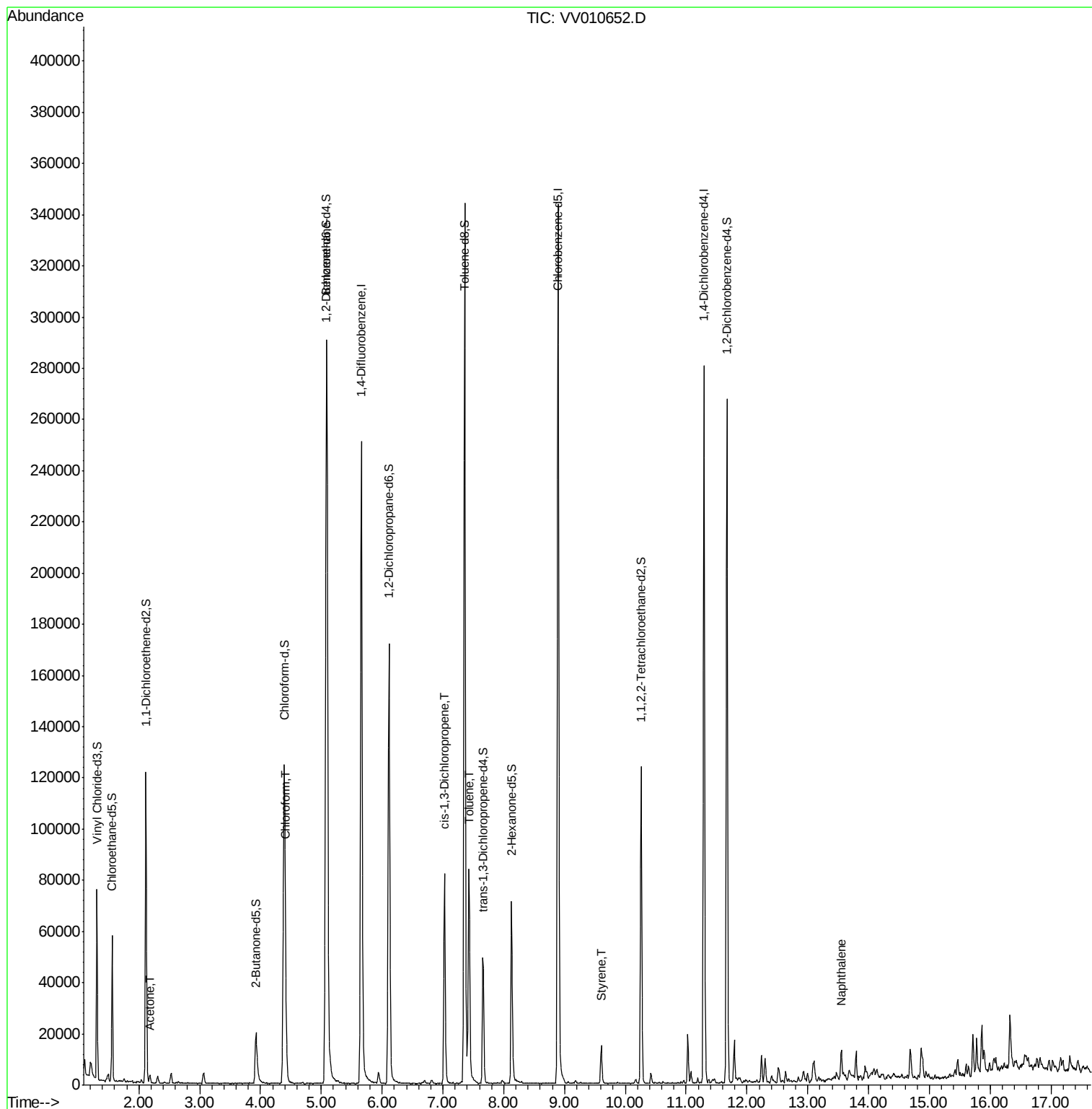
					Qvalue
13) Acetone	2.18	43	2046	2.746 ug/L	94
25) Chloroform	4.42	83	9360	1.682 ug/L	84
42) cis-1,3-Dichloropropene	7.03	75	2113	0.572 ug/L #	75
44) Toluene	7.43	91	60331	5.633 ug/L	97
56) Styrene	9.60	104	8245	1.083 ug/L	94
69) Naphthalene	13.55	128	9601	2.042 ug/L #	88

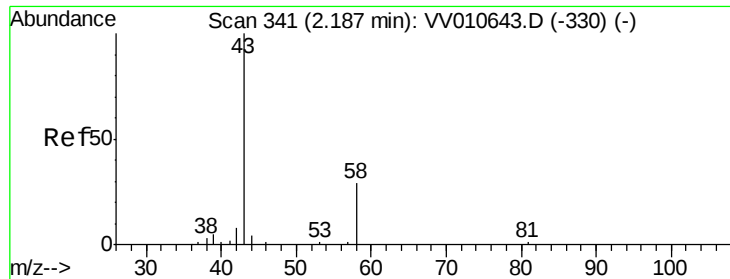
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010652.D
Acq On : 03 May 2019 08:29
Operator : SY/MD
Sample : K2604-19
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ90

Quant Time: May 03 23:16:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:12:37 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.746 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010652.D

Acq: 03 May 2019 08:29

Instrument :

MSVOA_V

ClientSampleId :

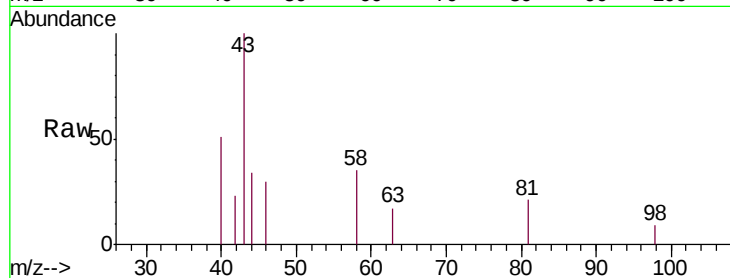
GAJ90

Tgt Ion: 43 Resp: 2046

Ion Ratio Lower Upper

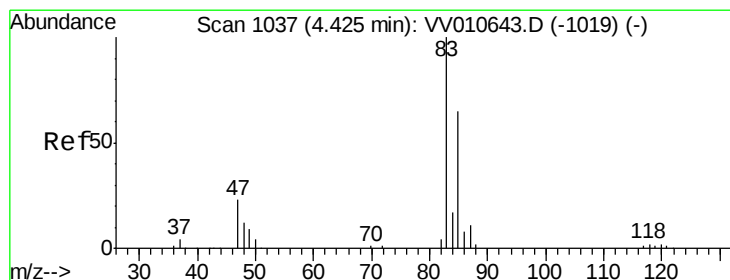
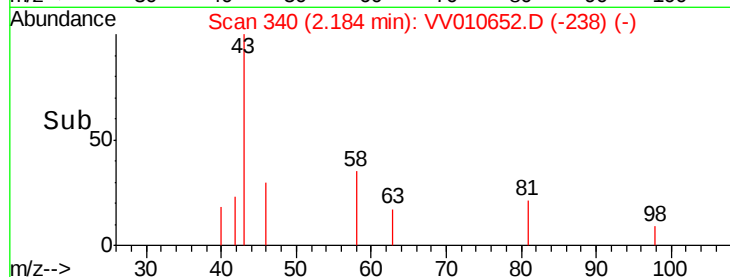
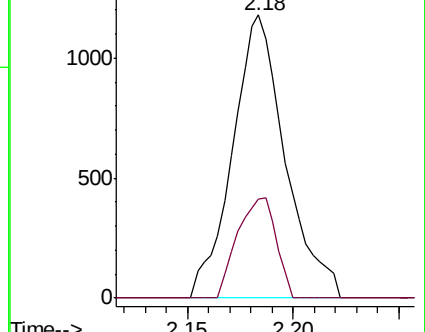
43 100

58 25.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010643.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010643.D (-330) (-)



#25

Chloroform

Concen: 1.682 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010652.D

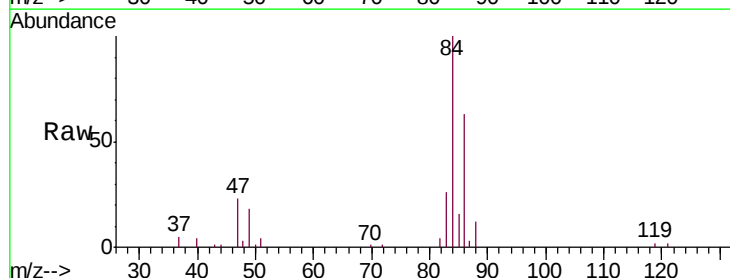
Acq: 03 May 2019 08:29

Tgt Ion: 83 Resp: 9360

Ion Ratio Lower Upper

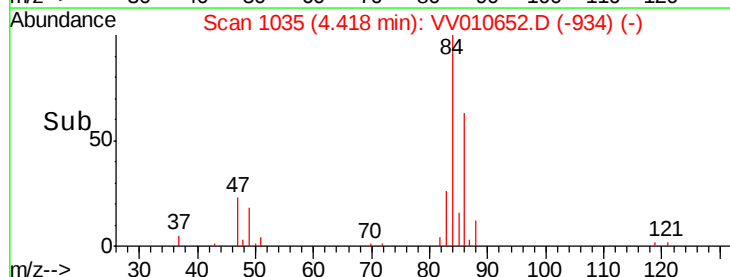
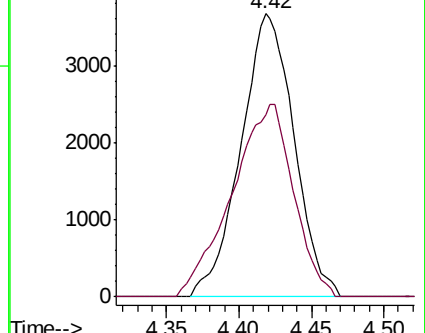
83 100

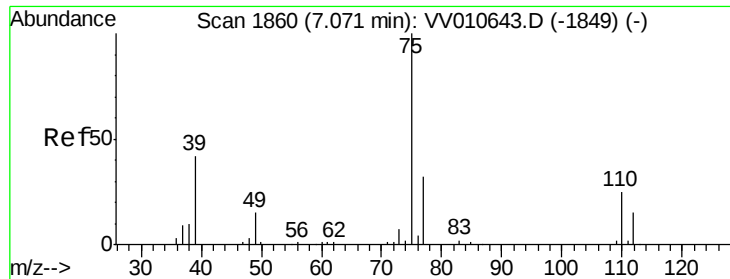
85 78.9 46.3 86.1



Abundance Ion 83.00 (82.70 to 83.70): VV010643.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010643.D (-1019) (-)



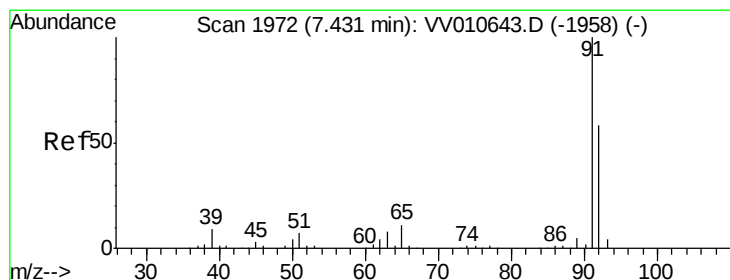
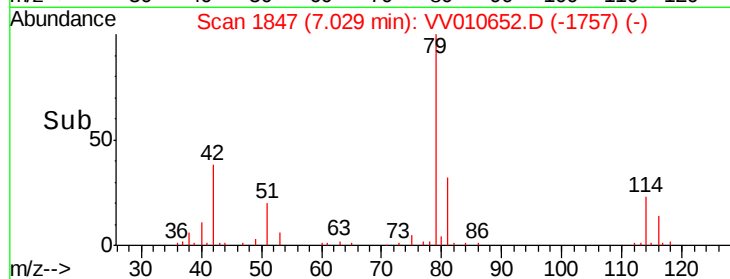
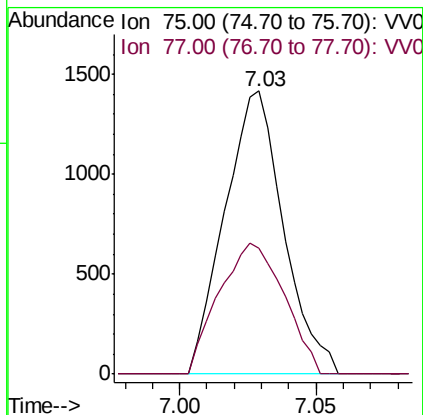
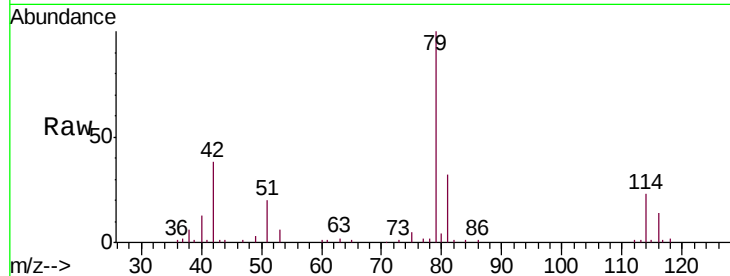


#42

cis-1,3-Dichloropropene
Concen: 0.572 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010652.D
Acq: 03 May 2019 08:29

Instrument :
MSVOA_V
ClientSampleId :
GAJ90

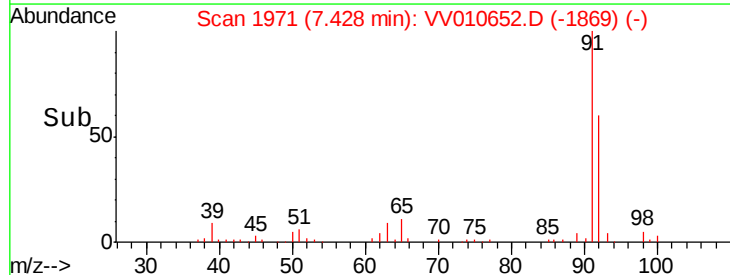
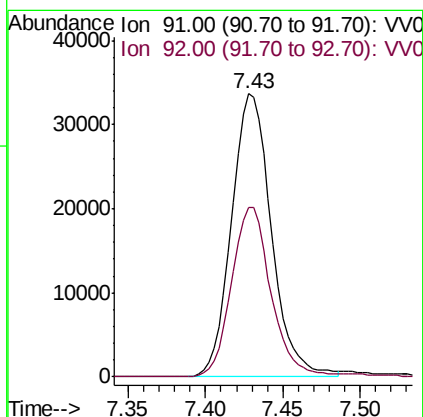
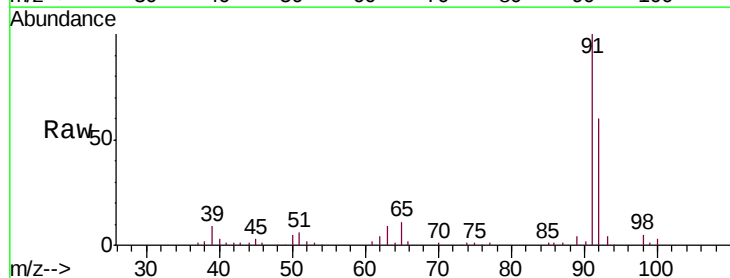
Tgt Ion: 75 Resp: 2113
Ion Ratio Lower Upper
75 100
77 44.6 21.8 40.4#

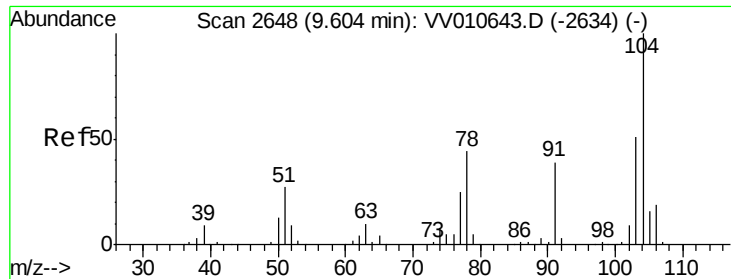


#44

Toluene
Concen: 5.633 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV010652.D
Acq: 03 May 2019 08:29

Tgt Ion: 91 Resp: 60331
Ion Ratio Lower Upper
91 100
92 59.7 40.1 74.5





#56

Styrene

Concen: 1.083 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV010652.D

Acq: 03 May 2019 08:29

Instrument :

MSVOA_V

ClientSampled :

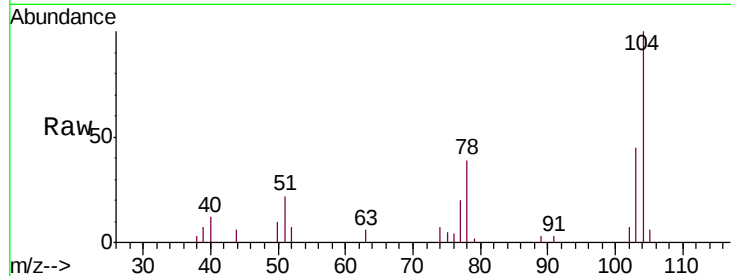
GAJ90

Tgt Ion:104 Resp: 8245

Ion Ratio Lower Upper

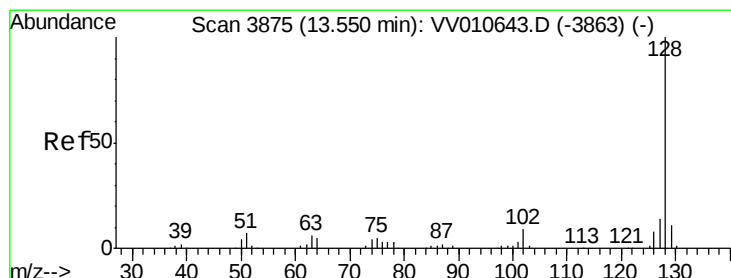
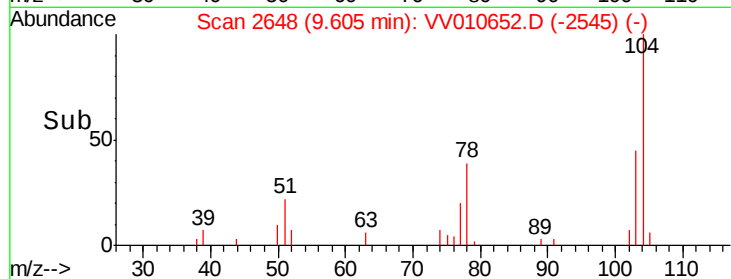
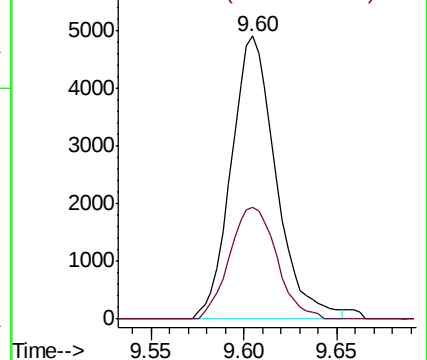
104 100

78 39.5 30.4 56.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



#69

Naphthalene

Concen: 2.042 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010652.D

Acq: 03 May 2019 08:29

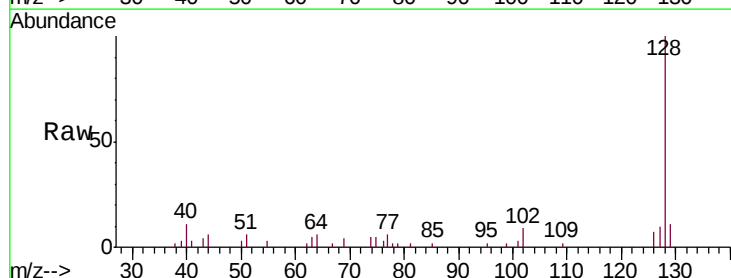
Tgt Ion:128 Resp: 9601

Ion Ratio Lower Upper

128 100

129 10.3 8.6 13.0

127 5.0 10.6 15.8#



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

