

Data File : VV010644.D
Acq On : 03 May 2019 02:45
Operator : SY/MD
Sample : VV0502SBL02
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK78

Quant Time: May 03 04:02:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	181575	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	177478	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73142	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40988	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	1.56	69	33091	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	2.12	63	60037	14.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.56%
20) 2-Butanone-d5	3.92	46	37693	53.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.78%
24) Chloroform-d	4.39	84	109091	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	5.07	65	68186	25.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.48%
29) Benzene-d6	5.09	84	228244	24.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.28%
33) 1,2-Dichloropropane-d6	6.11	67	72935	25.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.56%
37) Toluene-d8	7.36	98	203231	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	7.66	79	27978	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.12%
39) 2-Hexanone-d5	8.13	63	28121	56.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61098	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	71400	25.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.48%

Target Compounds

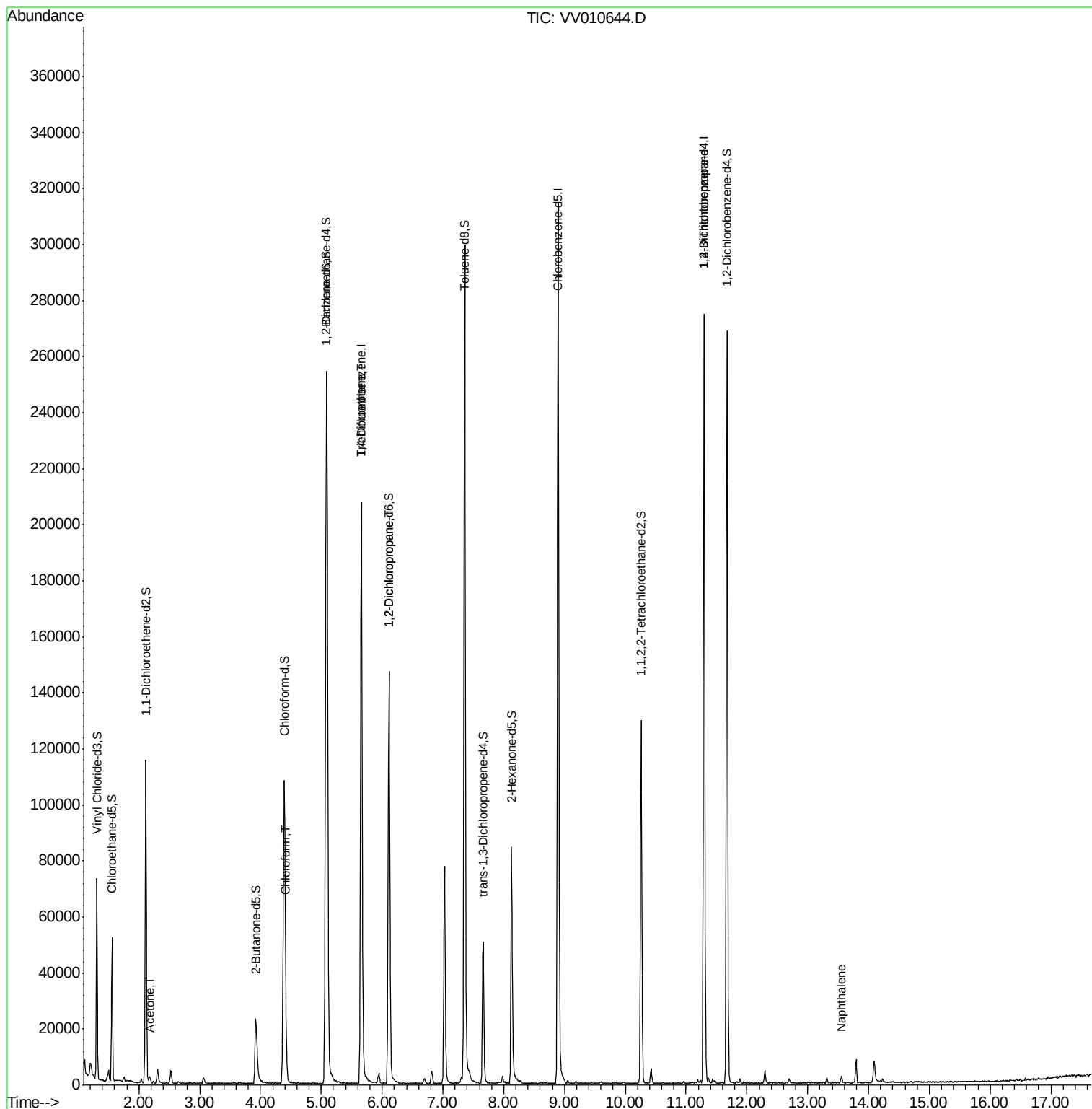
					Qvalue
13) Acetone	2.19	43	1027	1.713 ug/L	98
25) Chloroform	4.42	83	4747	1.060 ug/L #	74
35) Trichloroethene	5.66	95	4297	1.776 ug/L #	4
40) 1,2-Dichloropropane	6.11	63	7844	3.555 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	8443	4.882 ug/L	90
69) Naphthalene	13.56	128	2701	0.578 ug/L #	82

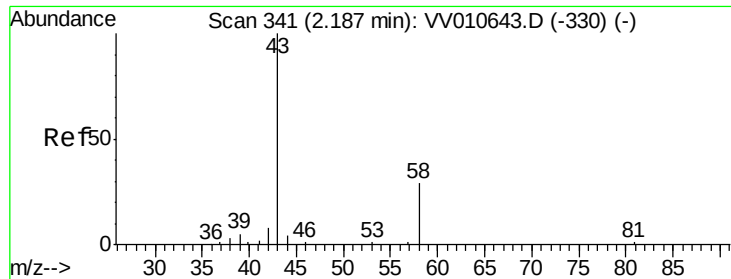
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.713 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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ClientSampleId :

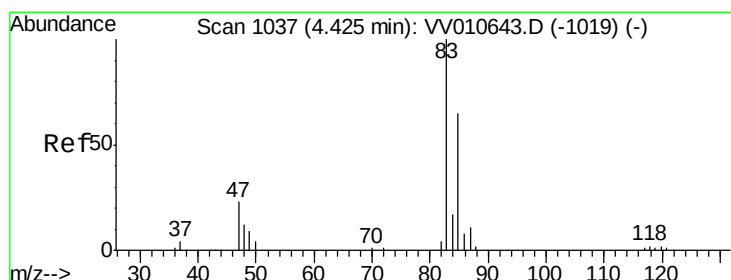
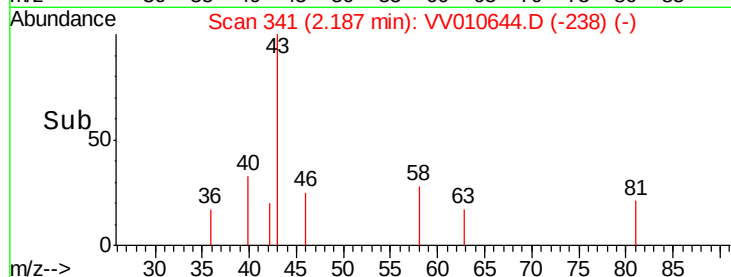
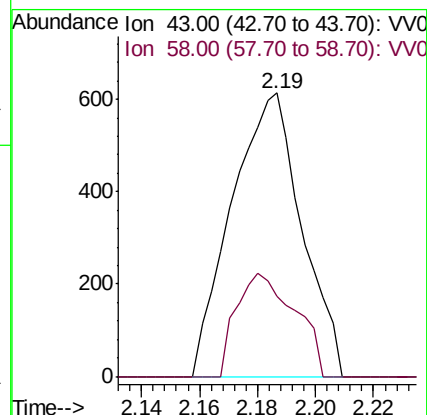
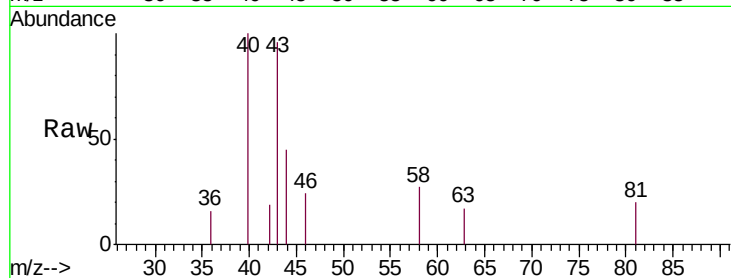
VBLK78

Tgt Ion: 43 Resp: 1027

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.2



#25

Chloroform

Concen: 1.060 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010644.D

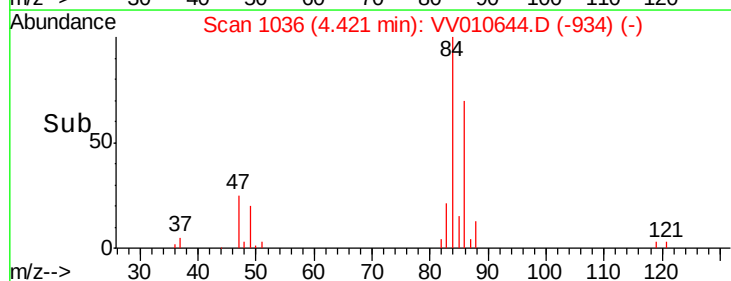
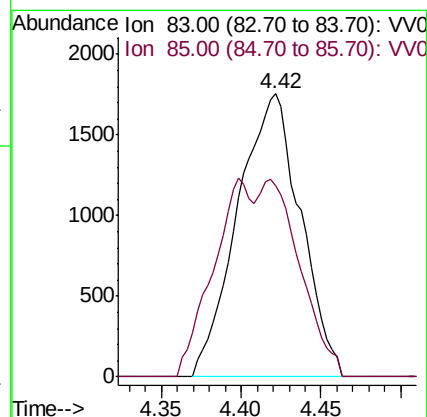
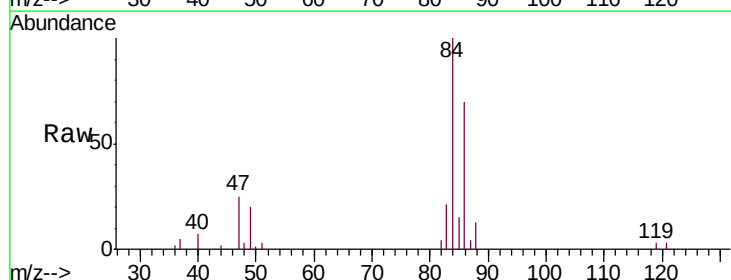
Acq: 03 May 2019 02:45

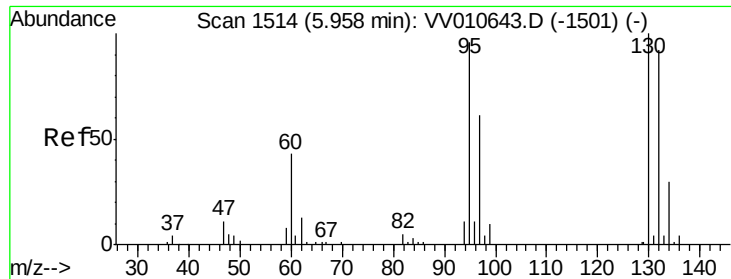
Tgt Ion: 83 Resp: 4747

Ion Ratio Lower Upper

83 100

85 45.2 46.3 86.1#





#35

Trichloroethene

Concen: 1.776 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV010644.D

Acq: 03 May 2019 02:45

Instrument :

MSVOA_V

ClientSampleId :

VBLK78

Tgt Ion: 95 Resp: 4297

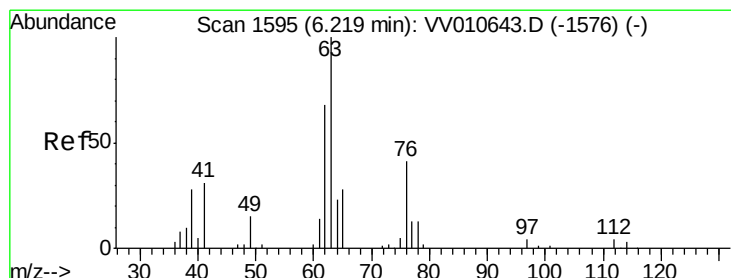
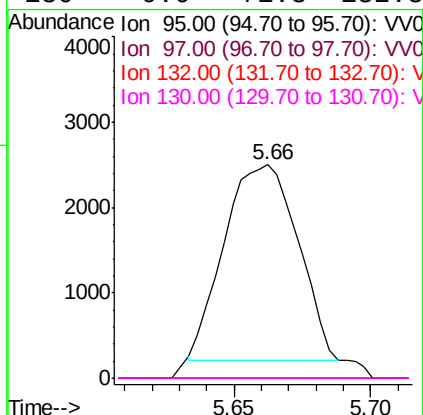
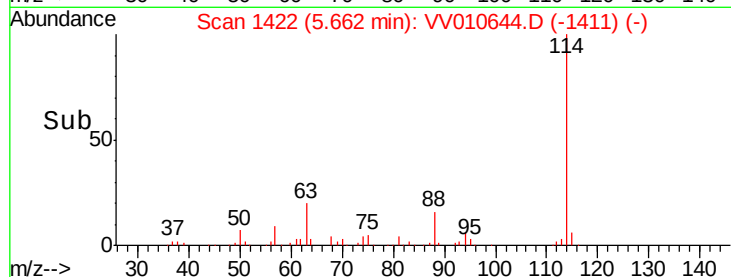
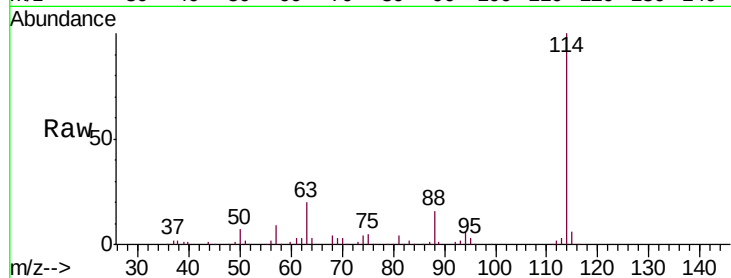
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 69.9 129.9#

130 0.0 71.3 132.3#



#40

1,2-Dichloropropane

Concen: 3.555 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010644.D

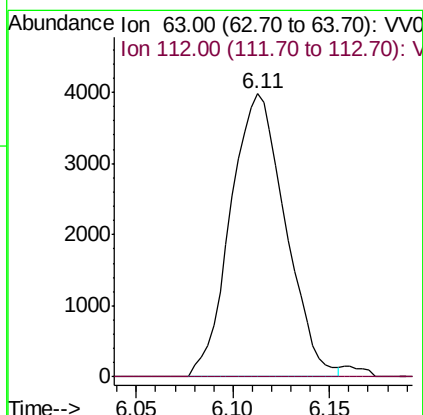
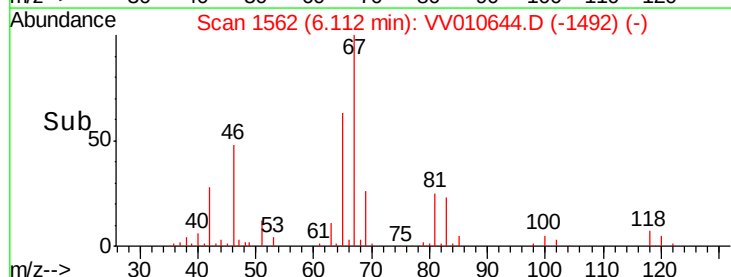
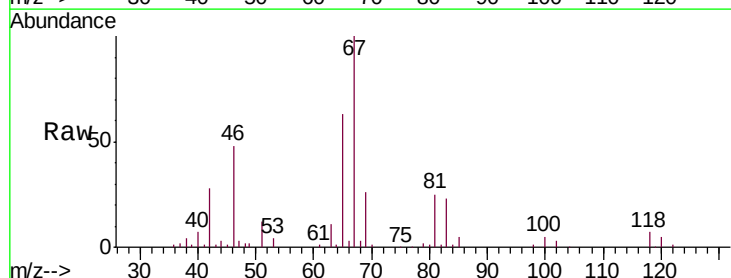
Acq: 03 May 2019 02:45

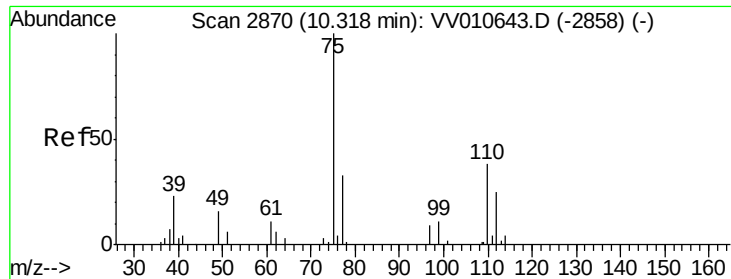
Tgt Ion: 63 Resp: 7844

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#59

1,2,3-Trichloropropane

Concen: 4.882 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010644.D

Acq: 03 May 2019 02:45

Instrument :

MSVOA_V

ClientSampleId :

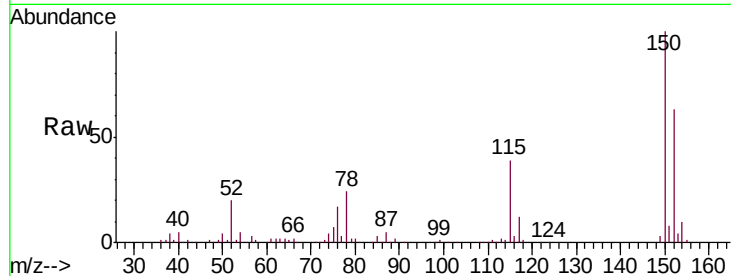
VBLK78

Tgt Ion: 75 Resp: 8443

Ion Ratio Lower Upper

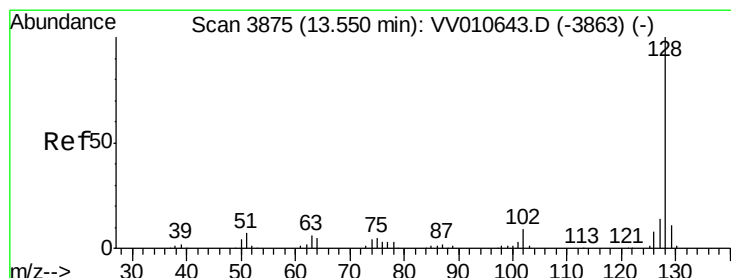
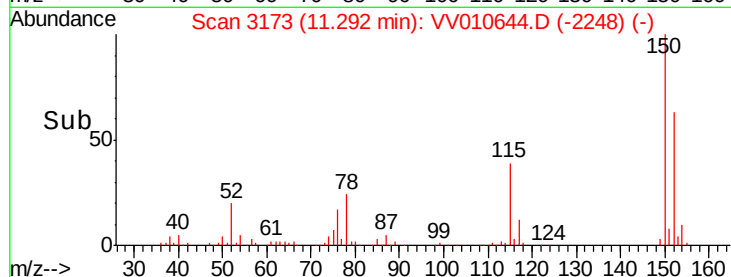
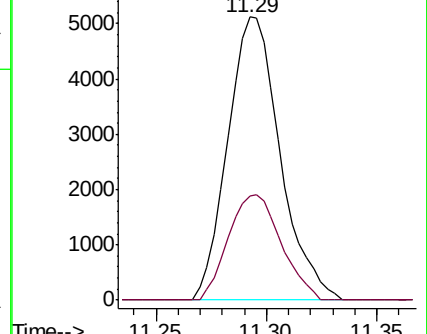
75 100

77 37.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV010643.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV010643.D (-2858) (-)



#69

Naphthalene

Concen: 0.578 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV010644.D

Acq: 03 May 2019 02:45

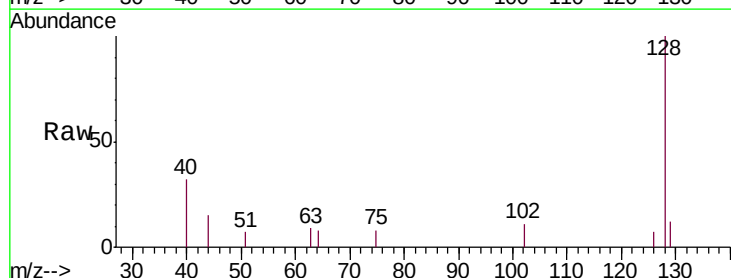
Tgt Ion: 128 Resp: 2701

Ion Ratio Lower Upper

128 100

129 8.1 8.6 13.0#

127 2.6 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): VV010643.D (-3863) (-)

Ion 129.00 (128.70 to 129.70): VV010643.D (-3863) (-)

Ion 127.00 (126.70 to 127.70): VV010643.D (-3863) (-)

