

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018459.D
 Acq On : 25 Sep 2020 16:39
 Operator : SY/MD
 Sample : VV0925WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK82

Quant Time: Sep 26 02:55:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	404582	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	390756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200174	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149637	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.76%
7) Chloroethane-d5	1.58	69	122496	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.12	63	205587	33.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.98%
21) 2-Butanone-d5	3.92	46	186987	92.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.65%
24) Chloroform-d	4.37	84	249896	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	5.05	65	163071	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
32) Benzene-d6	5.07	84	532288	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
36) 1,2-Dichloropropane-d6	6.09	67	166181	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.50%
41) Toluene-d8	7.34	98	484677	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%
43) trans-1,3-Dichloropropene-	7.64	79	80427	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
47) 2-Hexanone-d5	8.11	63	116394	86.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	203021	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	200031	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%

Target Compounds

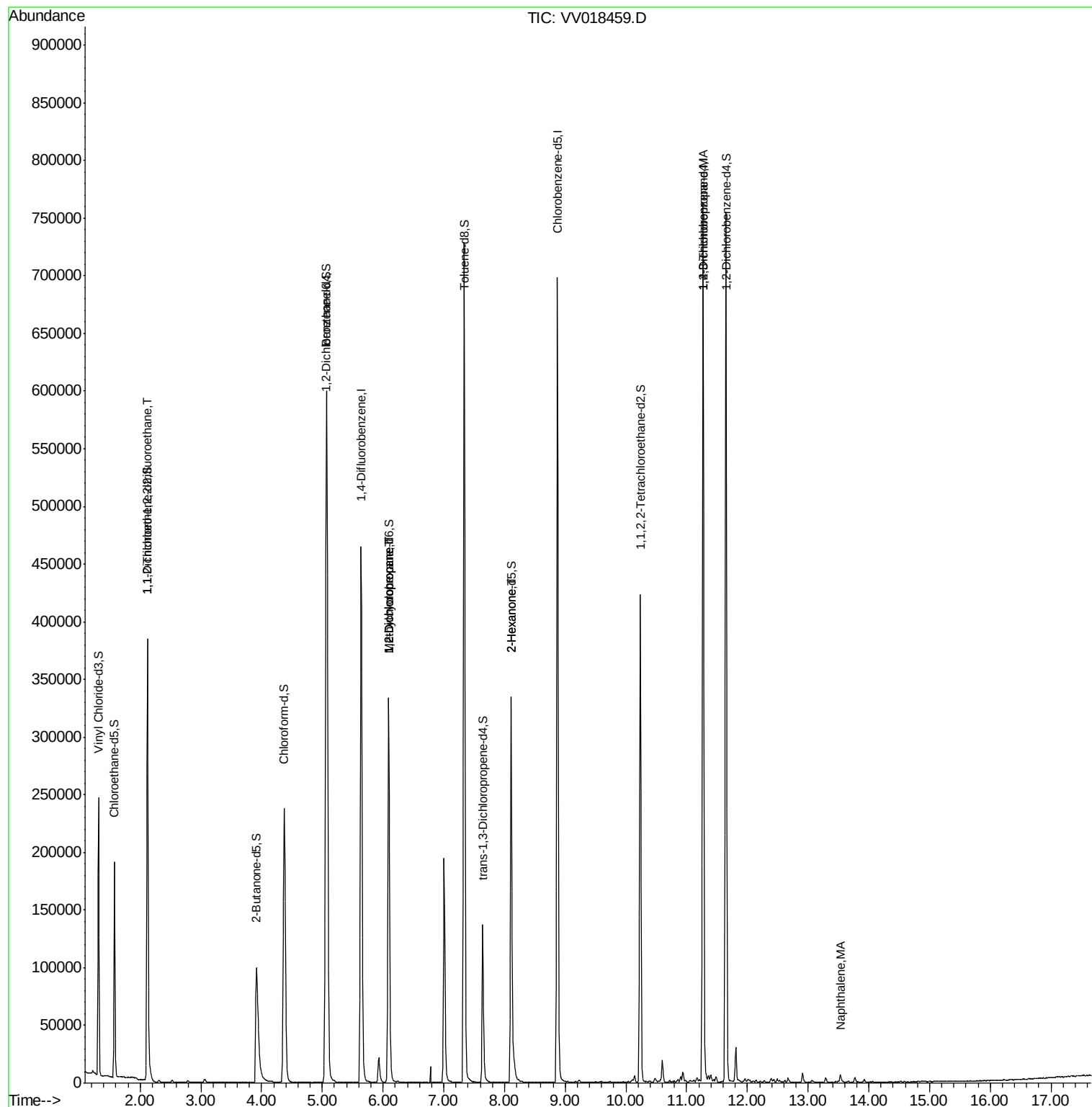
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1802	0.660 ug/L #	20
35) Methylcyclohexane	6.09	83	40067	8.744 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	17352	5.861 ug/L #	87
48) 2-Hexanone	8.11	43	13101	4.627 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	22678	6.513 ug/L	93
69) Naphthalene	13.53	128	6459	0.611 ug/L	97

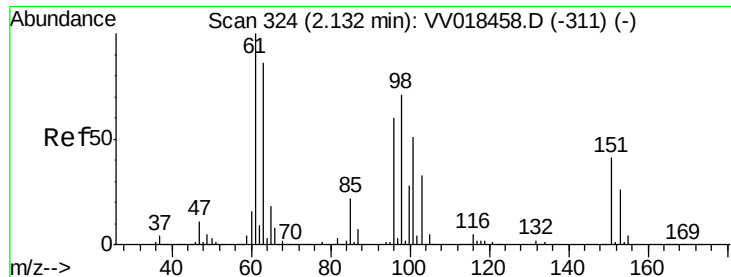
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 26 02:48:35 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.660 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018459.D

Acq: 25 Sep 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

VBLK82

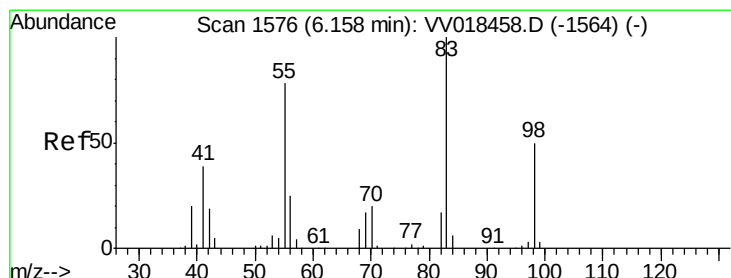
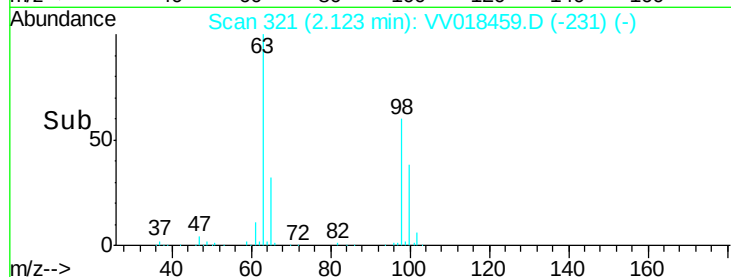
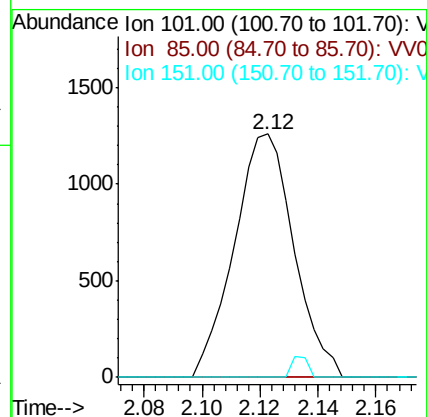
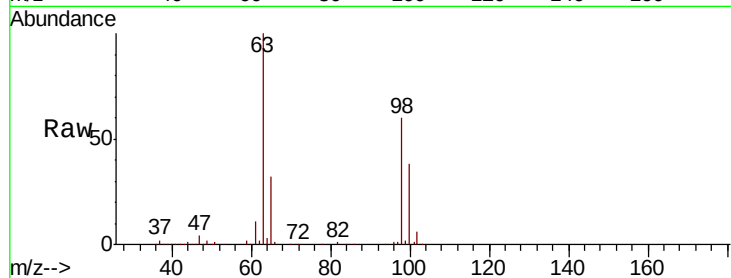
Tot Ion:101 Resp: 1802

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 2.2 62.2 93.2#



#35

Methylcyclohexane

Concen: 8.744 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018459.D

Acq: 25 Sep 2020 16:39

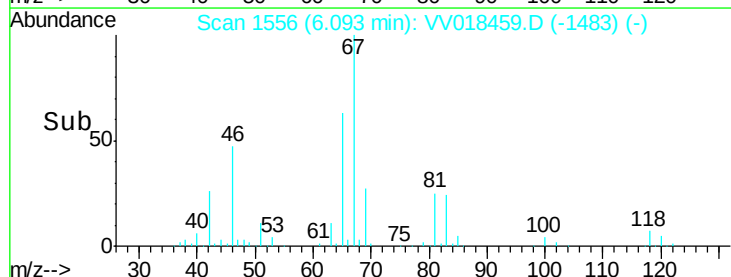
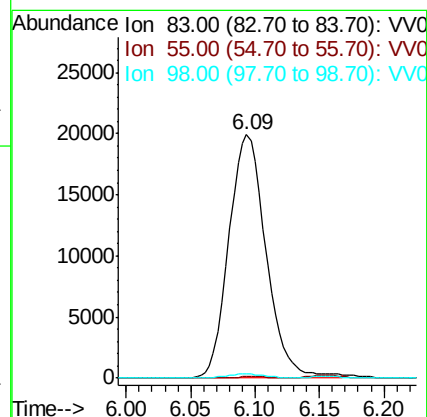
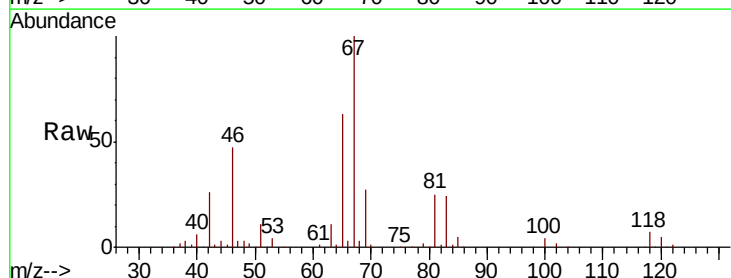
Tgt Ion: 83 Resp: 40067

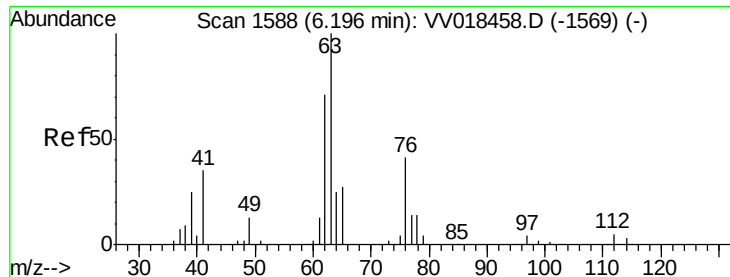
Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.2#

98 1.7 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 5.861 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018459.D

Acq: 25 Sep 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

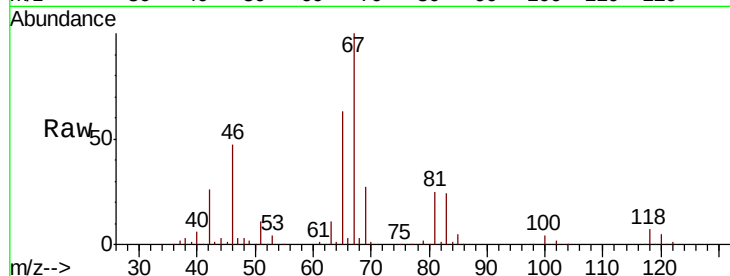
VBLK82

Tot Ion: 63 Resp: 17352

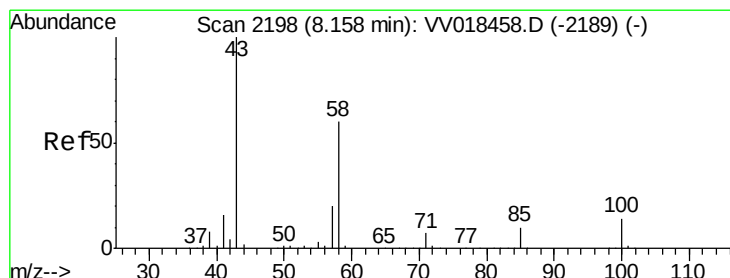
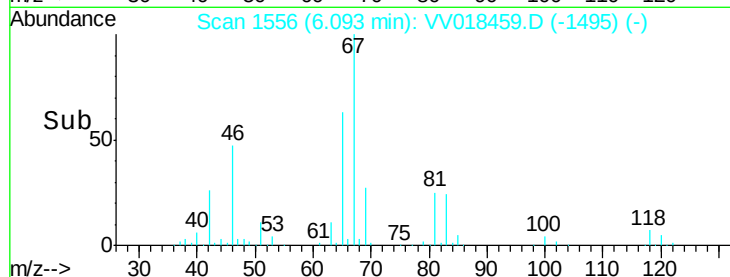
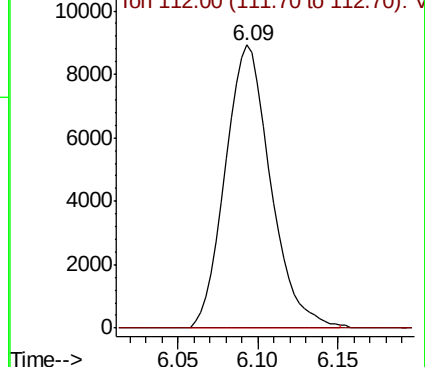
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018458.D (-1569) (-)



#48

2-Hexanone

Concen: 4.627 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV018459.D

Acq: 25 Sep 2020 16:39

Tgt Ion: 43 Resp: 13101

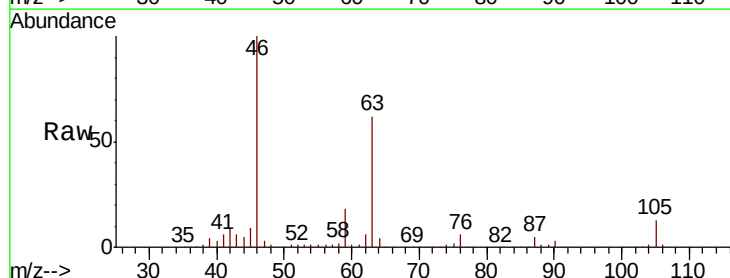
Ion Ratio Lower Upper

43 100

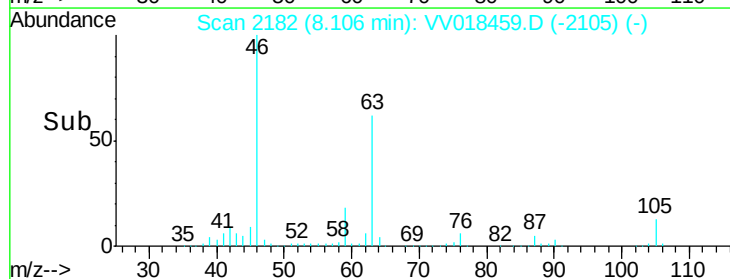
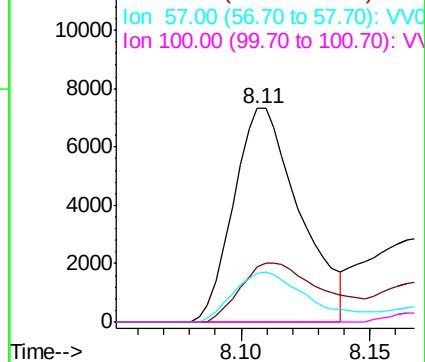
58 35.0 44.8 67.2#

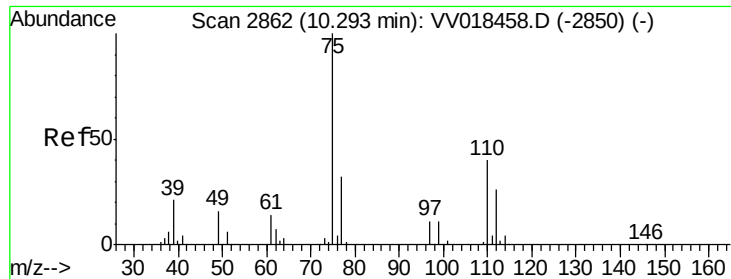
57 26.2 15.8 23.6#

100 0.0 10.2 15.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018458.D (-2189) (-)





#59

1,2,3-Trichloropropane

Concen: 6.513 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018459.D

Acq: 25 Sep 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

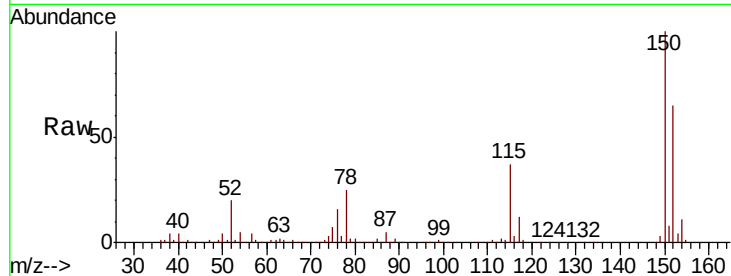
VBLK82

Tot Ion: 75 Resp: 22678

Ion Ratio Lower Upper

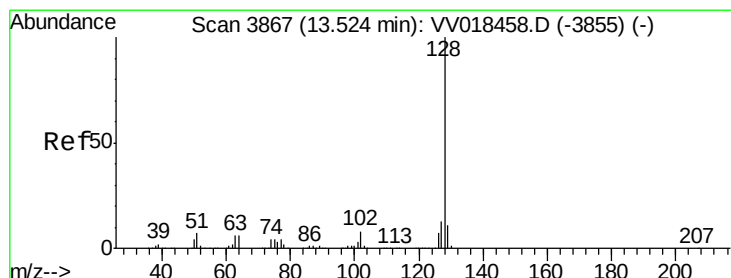
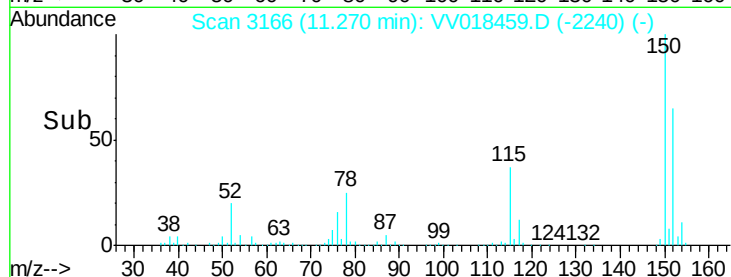
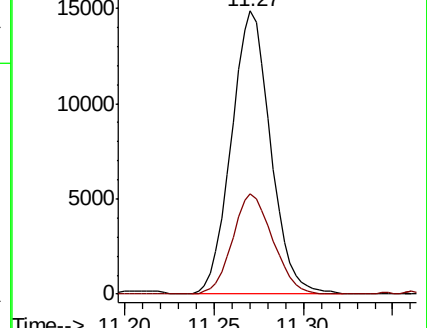
75 100

77 36.3 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018458.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV018458.D (-2850) (-)



#69

Naphthalene

Concen: 0.611 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018459.D

Acq: 25 Sep 2020 16:39

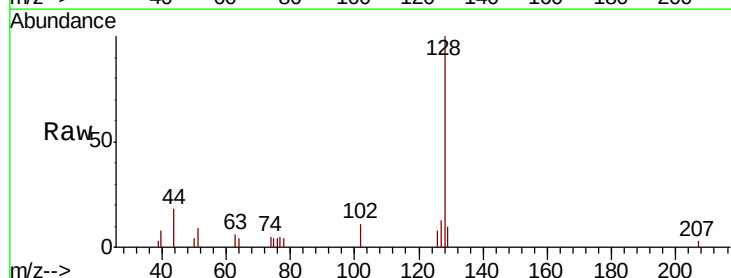
Tgt Ion: 128 Resp: 6459

Ion Ratio Lower Upper

128 100

127 11.1 10.6 15.8

129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VV018458.D (-3855) (-)

Ion 127.00 (126.70 to 127.70): VV018458.D (-3855) (-)

Ion 129.00 (128.70 to 129.70): VV018458.D (-3855) (-)

