

Data File : VV012535.D
Acq On : 02 Sep 2019 17:52
Operator : SY/MD
Sample : VIBLK41
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK41

Quant Time: Sep 03 05:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144296	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66689	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.59	69	70057	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	111210	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.95	46	131295	49.16	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.32%
24) Chloroform-d	4.40	84	104307	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	57734	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	200107	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	63823	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	166621	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	20322	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	78463	45.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42430	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	55194	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

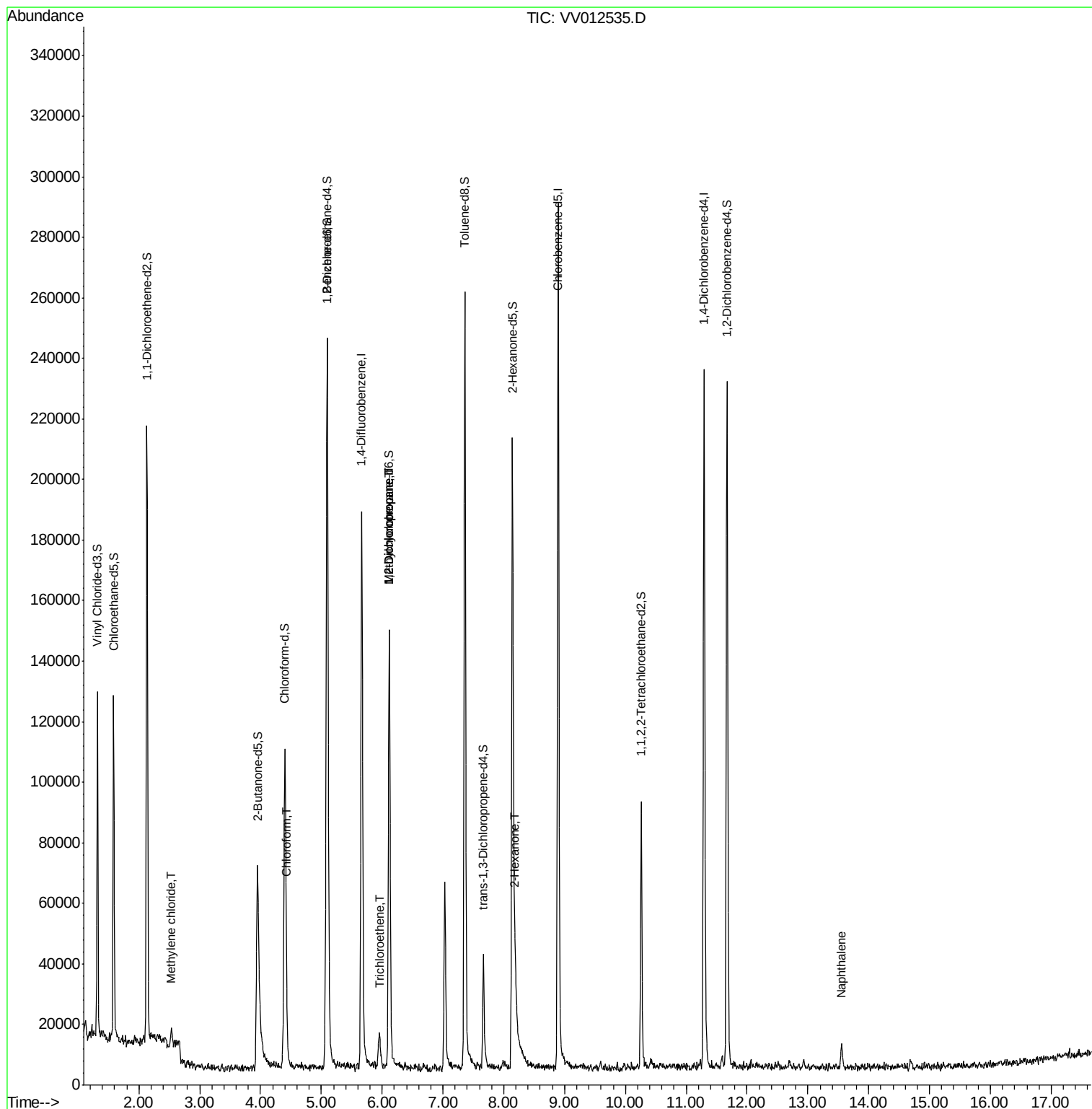
						Qvalue
16) Methylene chloride	2.54	84	2517	0.117	ug/L	77
25) Chloroform	4.43	83	5071	0.168	ug/L	99
34) Trichloroethene	5.96	95	2015	0.124	ug/L	90
35) Methylcyclohexane	6.12	83	15072	0.609	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8259	0.526	ug/L #	87
48) 2-Hexanone	8.19	43	9404	1.470	ug/L #	74
69) Naphthalene	13.56	128	5606	0.282	ug/L	99

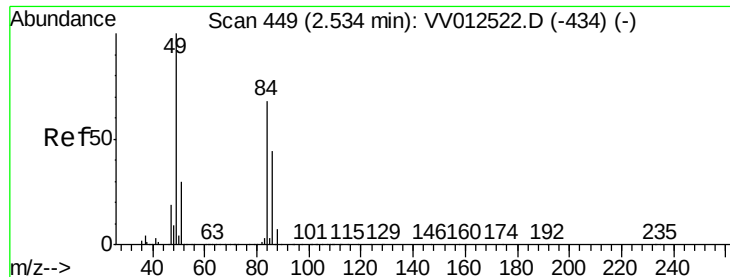
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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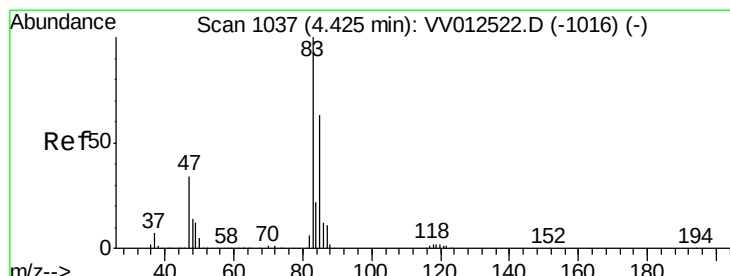
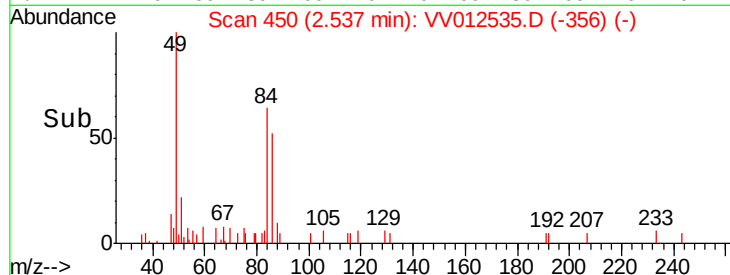
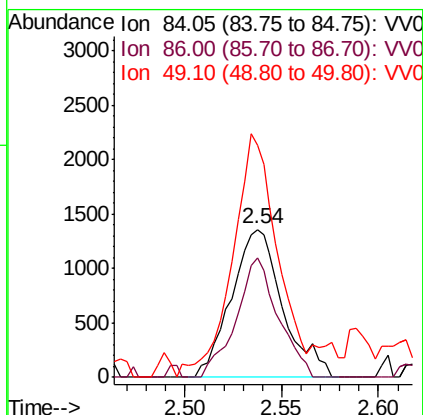
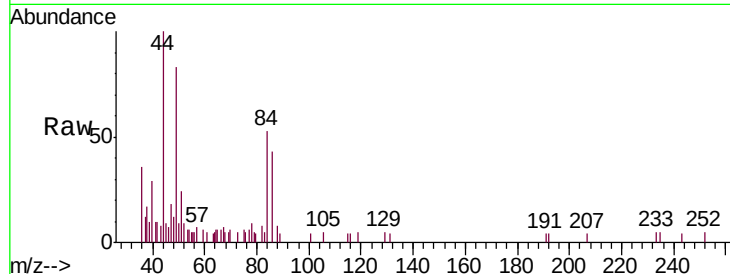




#16
Methylene chloride
Concen: 0.117 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012535.D
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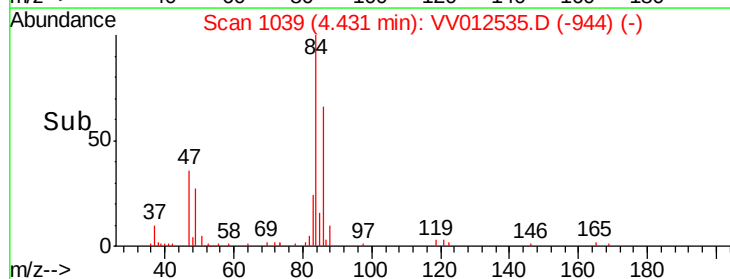
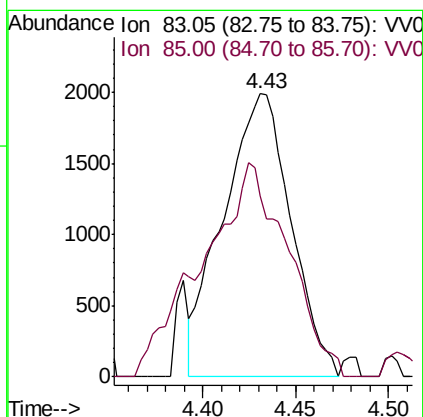
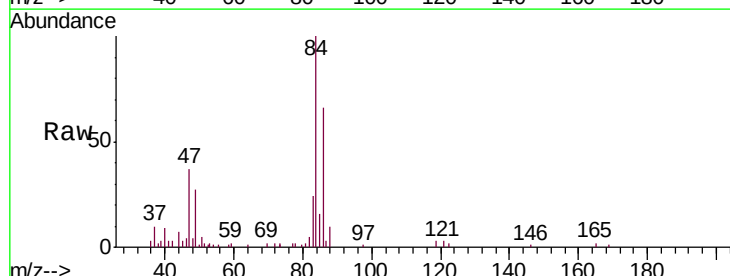
Instrument :
MSVOA_V
ClientSampleId :
VIBLK41

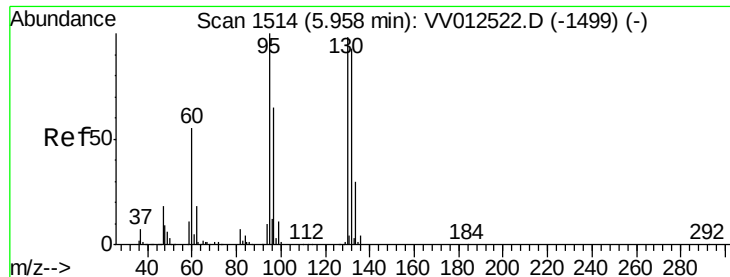
Tgt Ion: 84 Resp: 2517
Ion Ratio Lower Upper
84 100
86 80.9 45.2 84.0
49 172.6 100.4 186.4



#25
Chloroform
Concen: 0.168 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012535.D
Acq: 02 Sep 2019 17:52

Tgt Ion: 83 Resp: 5071
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.9





#34

Trichloroethene

Concen: 0.124 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012535.D

Acq: 02 Sep 2019 17:52

Instrument :

MSVOA_V

ClientSampleId :

VIBLK41

Tgt Ion: 95 Resp: 2015

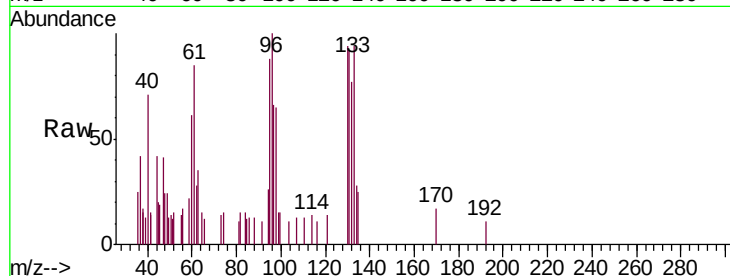
Ion Ratio Lower Upper

95 100

97 75.8 44.7 83.1

132 87.7 63.8 118.4

130 107.5 66.6 123.6

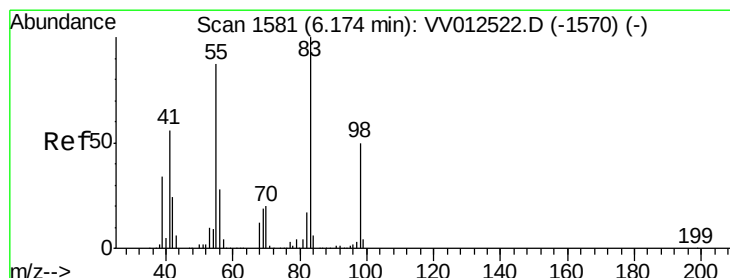
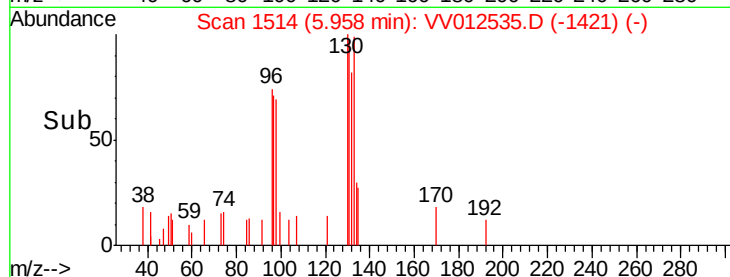
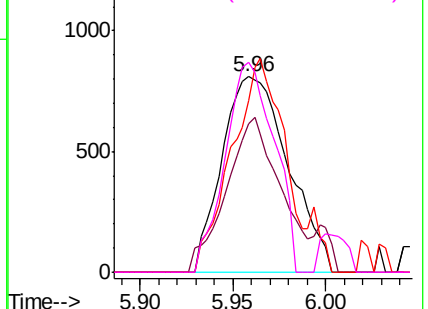


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.609 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012535.D

Acq: 02 Sep 2019 17:52

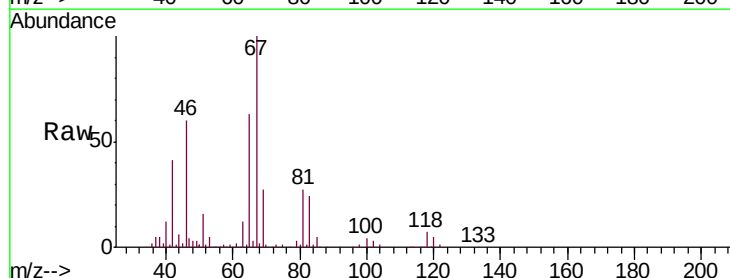
Tgt Ion: 83 Resp: 15072

Ion Ratio Lower Upper

83 100

55 0.5 67.3 100.9#

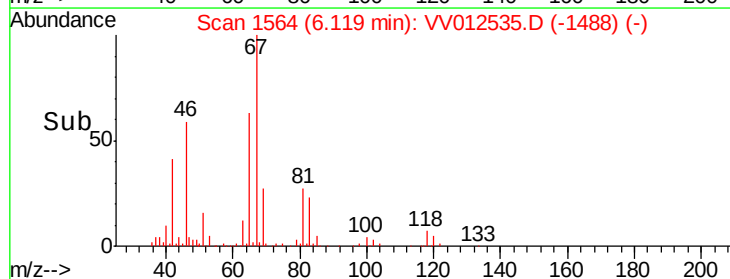
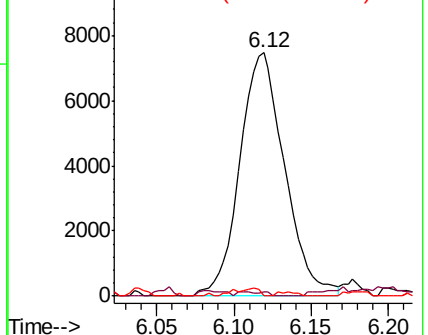
98 0.7 37.4 56.2#

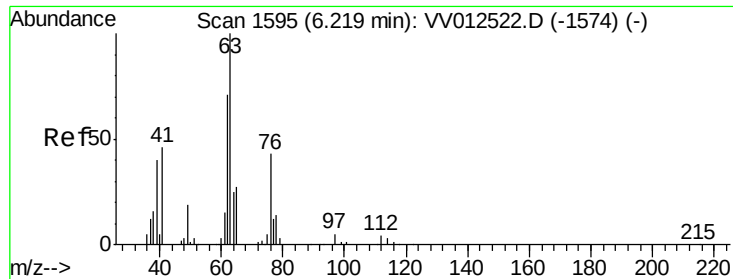


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012535.D

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ClientSampleId :

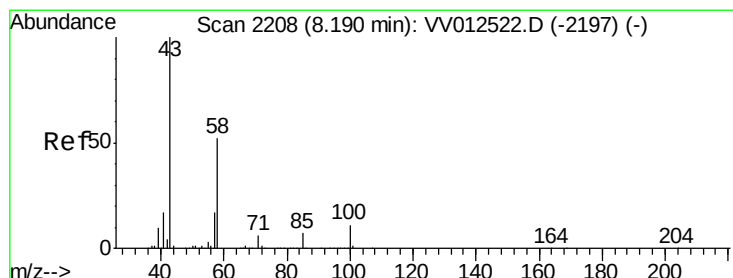
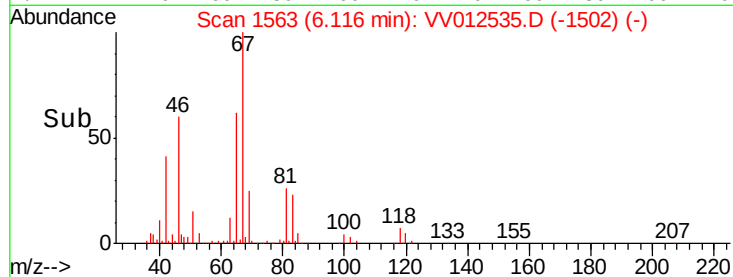
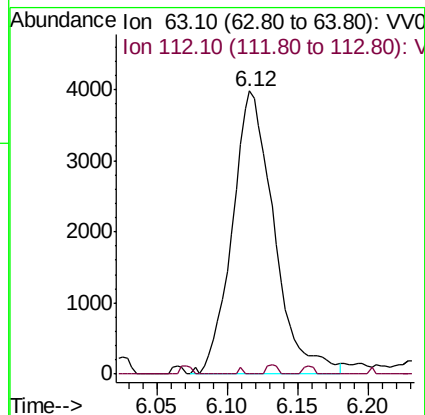
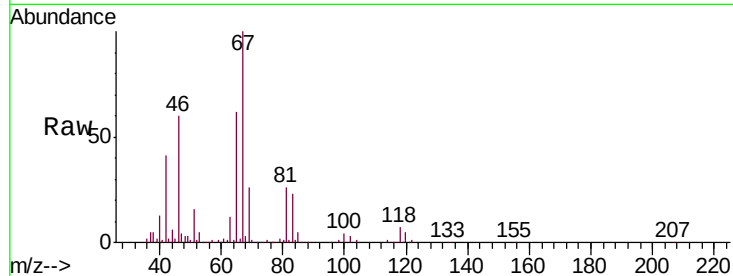
VIBLK41

Tgt Ion: 63 Resp: 8259

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



#48

2-Hexanone

Concen: 1.470 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012535.D

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Tgt Ion: 43 Resp: 9404

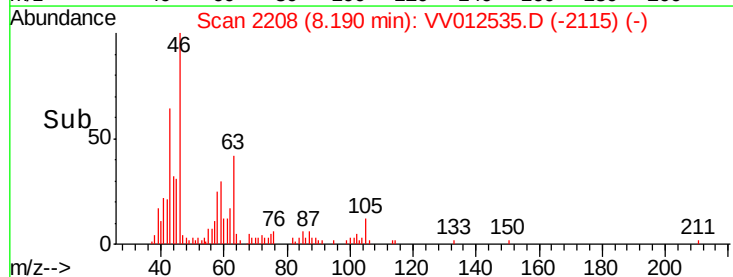
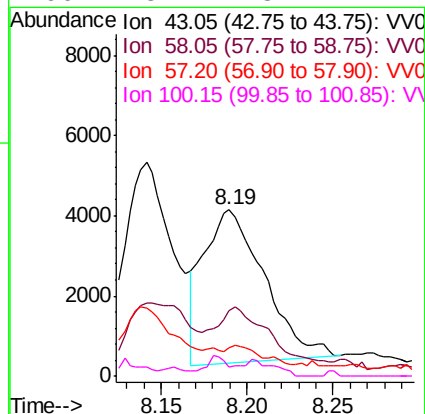
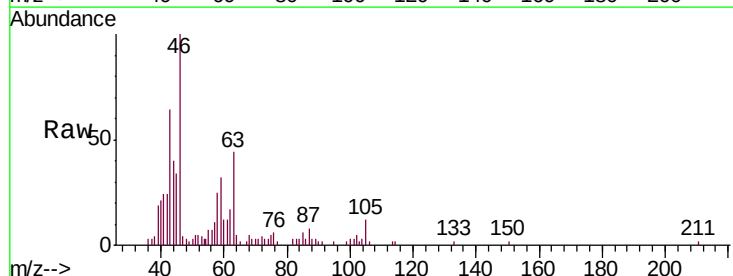
Ion Ratio Lower Upper

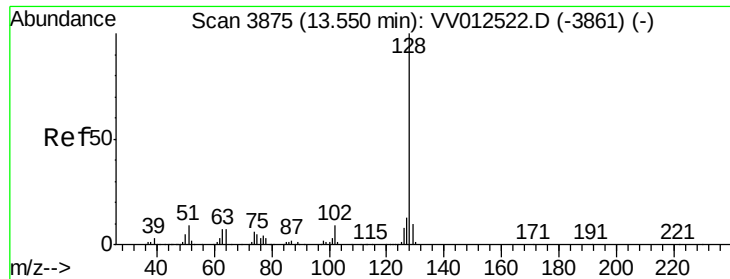
43 100

58 28.9 40.0 60.0#

57 7.2 13.4 20.2#

100 5.4 8.2 12.2#





#69

Naphthalene

Concen: 0.282 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV012535.D

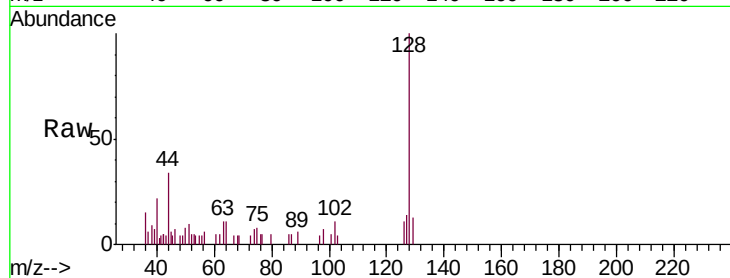
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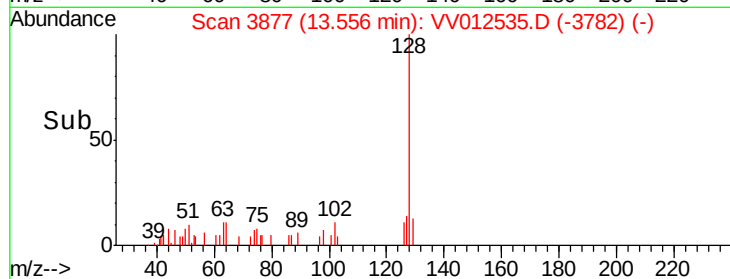
Tgt Ion:128 Resp: 5606

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.3 11.0 16.4



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

