

Data File : VV011915.D
Acq On : 17 Jul 2019 16:35
Operator : SY/MD
Sample : IBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK30

Quant Time: Jul 18 02:21:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	164167	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68393	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53524	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.58	69	44063	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.13	63	72339	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.95	46	142349	46.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.50%
24) Chloroform-d	4.40	84	105301	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	57267	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.10	84	213094	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	64877	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	179281	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.67	79	21331	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	86666	40.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39227	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	65541	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

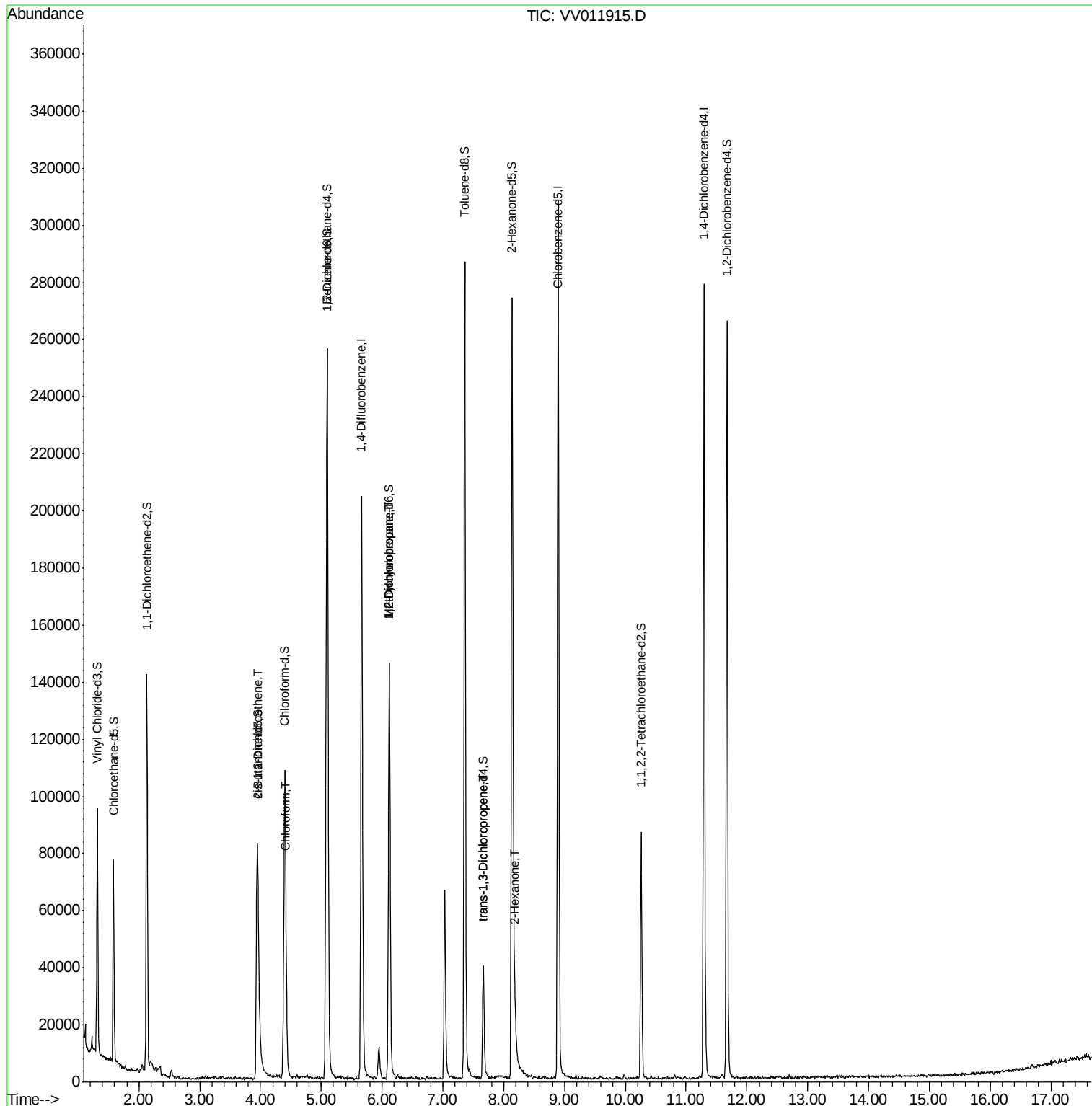
						Qvalue
22) cis-1,2-Dichloroethene	3.96	96	2053	0.162	ug/L	90
25) Chloroform	4.43	83	5365	0.214	ug/L	97
35) Methylcyclohexane	6.12	83	15947	0.757	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7857	0.644	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1158	0.087	ug/L	86
48) 2-Hexanone	8.19	43	8008	1.525	ug/L #	91

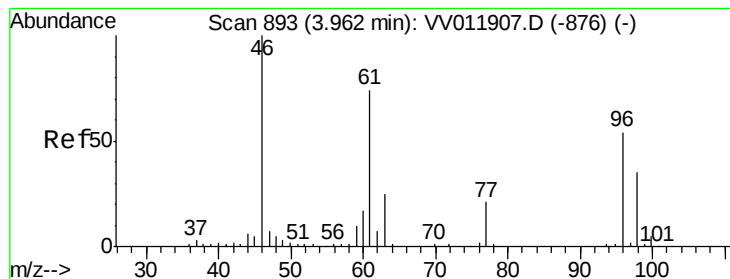
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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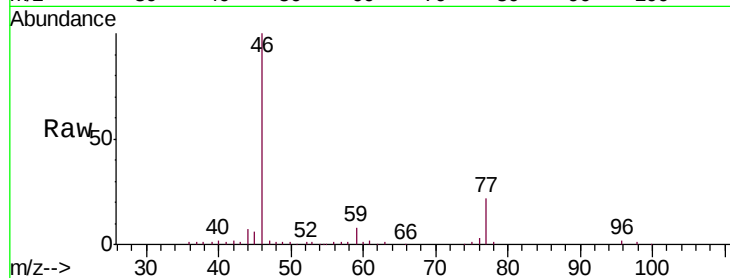


#22

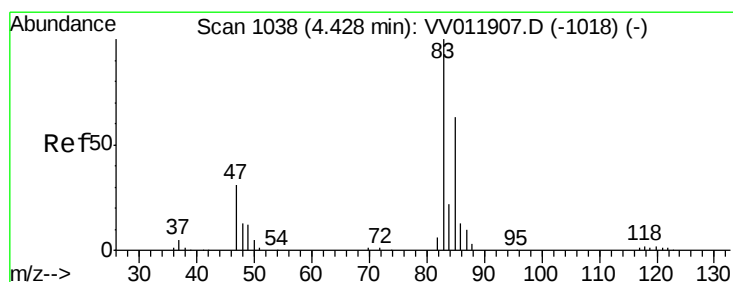
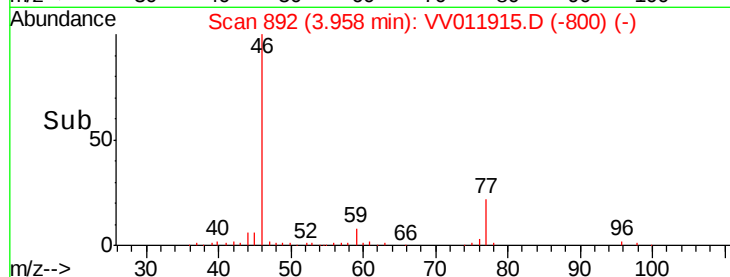
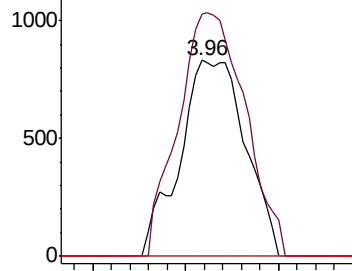
cis-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV011915.D
Acq: 17 Jul 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
VIBLK30

Tgt Ion: 96 Resp: 2053
Ion Ratio Lower Upper
96 100
61 123.8 95.2 176.8
68 0.0 0.0 0.0



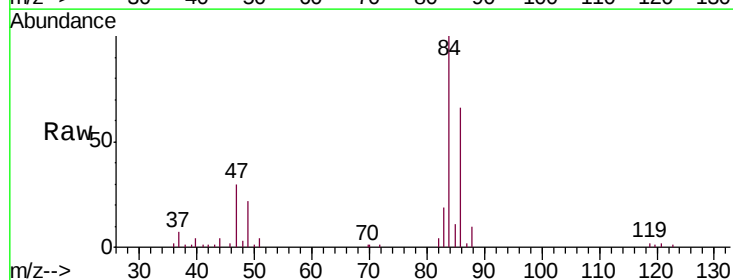
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



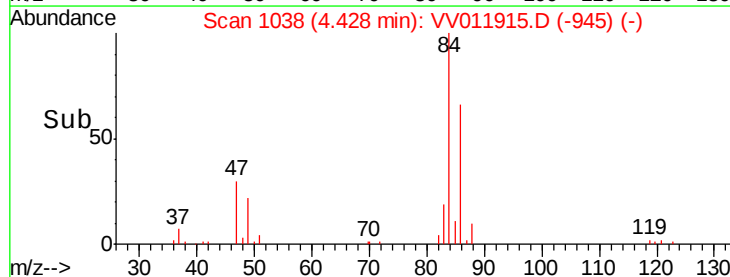
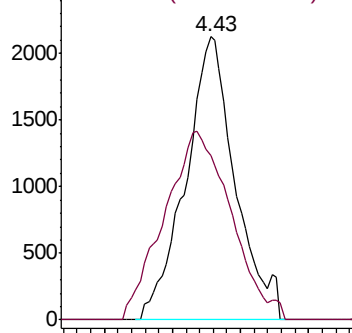
#25

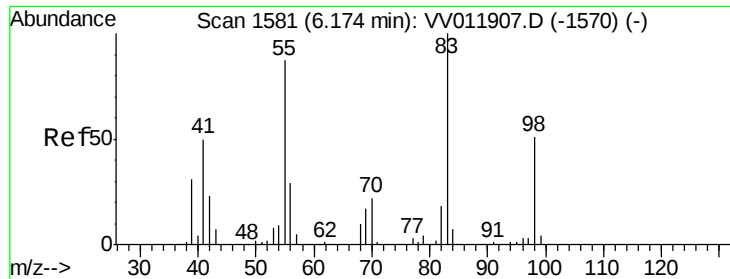
Chloroform
Concen: 0.214 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011915.D
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Tgt Ion: 83 Resp: 5365
Ion Ratio Lower Upper
83 100
85 58.1 42.5 78.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

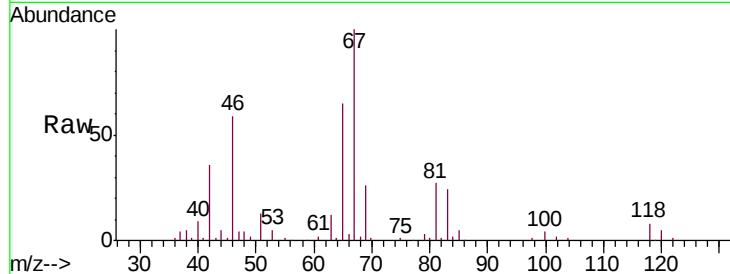




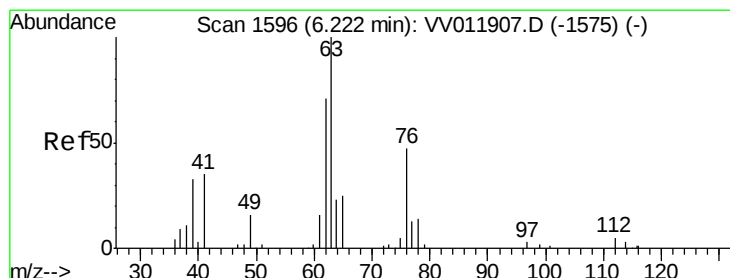
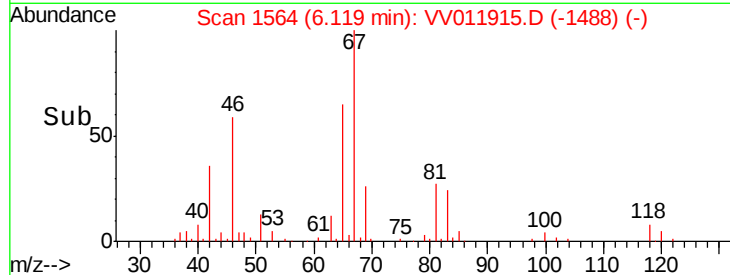
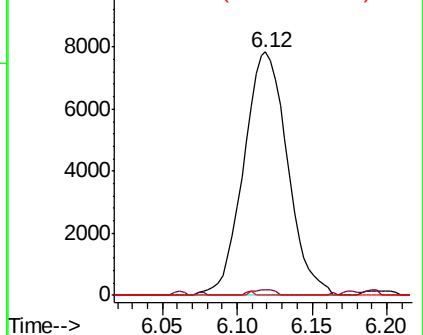
#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011915.D
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VIBLK30

Tgt Ion: 83 Resp: 15947
Ion Ratio Lower Upper
83 100
55 1.2 66.7 100.1#
98 0.0 39.0 58.4#

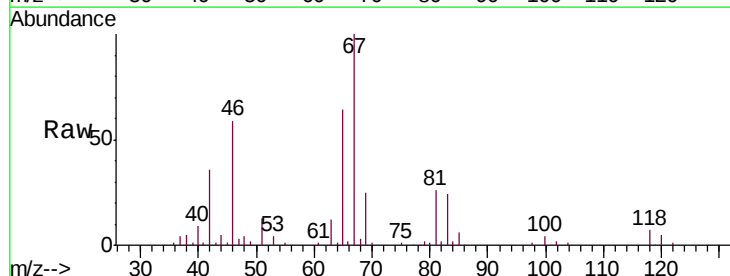


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

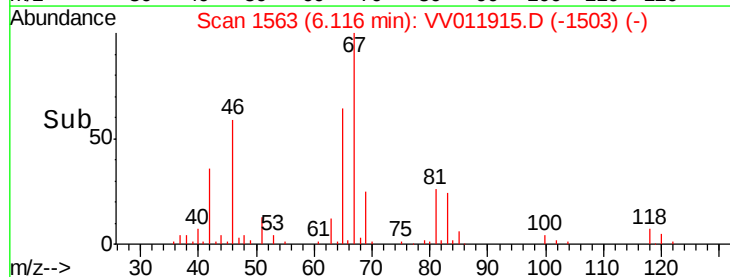
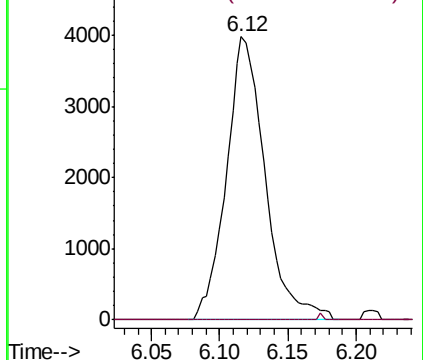


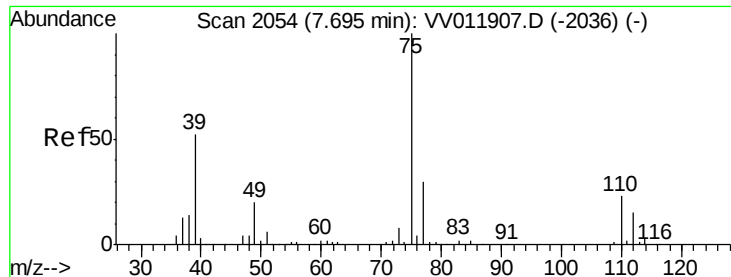
#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011915.D
Acq: 17 Jul 2019 16:35

Tgt Ion: 63 Resp: 7857
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

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Acq: 17 Jul 2019 16:35

Instrument :

MSVOA_V

ClientSampleId :

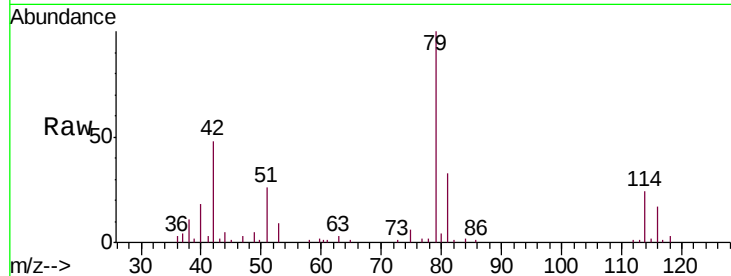
VIBLK30

Tgt Ion: 75 Resp: 1158

Ion Ratio Lower Upper

75 100

77 39.8 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

600

400

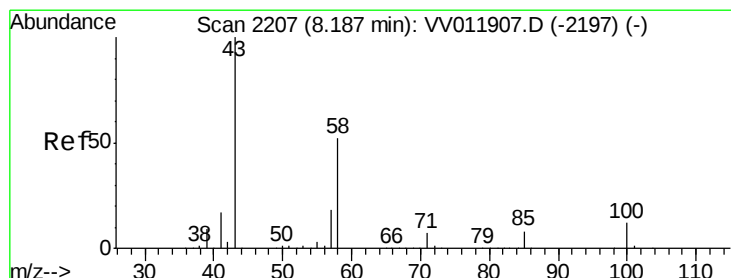
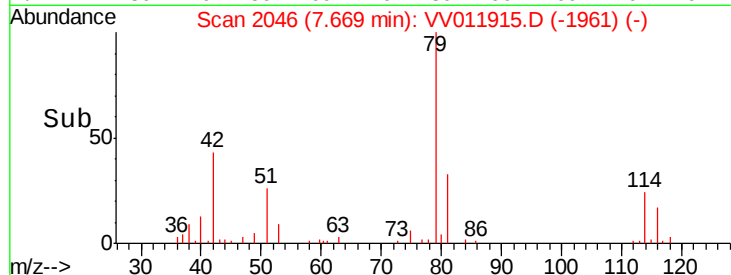
200

0

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 1.525 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV011915.D

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Tgt Ion: 43 Resp: 8008

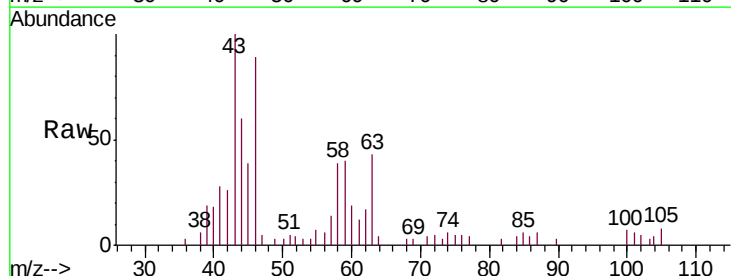
Ion Ratio Lower Upper

43 100

58 47.8 41.1 61.7

57 6.5 14.3 21.5#

100 10.9 8.7 13.1



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

10000

8000

6000

4000

2000

0

8.15

8.20

8.25

Time-->

