

Data File : VV012603.D
Acq On : 06 Sep 2019 17:48
Operator : SY/MD
Sample : K4682-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BM1

Quant Time: Sep 07 01:09:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139286	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59413	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	70857	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.13	63	96402	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.95	46	151743	59.73	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.46%
24) Chloroform-d	4.40	84	100450	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	58877	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.10	84	181783	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	62054	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.36	98	141439	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	18618	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	74239	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42661	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	47652	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

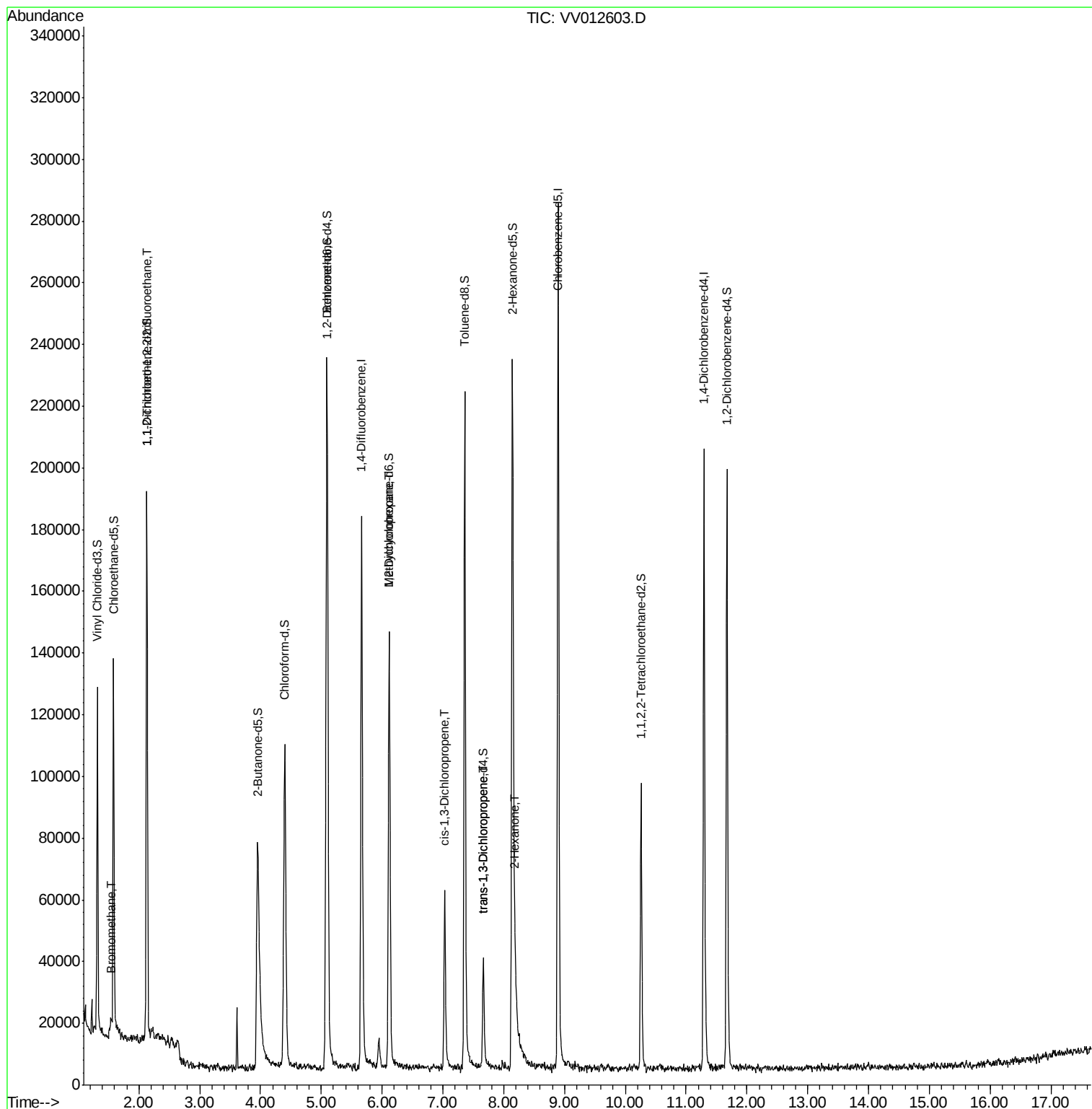
					Qvalue
6) Bromomethane	1.54	94	1085	0.087 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1229	0.071 ug/L #	30
35) Methylcyclohexane	6.12	83	15133	0.694 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1985	0.110 ug/L	89
44) trans-1,3-Dichloropropene	7.66	75	1411	0.102 ug/L	94
48) 2-Hexanone	8.19	43	12502	2.164 ug/L #	77

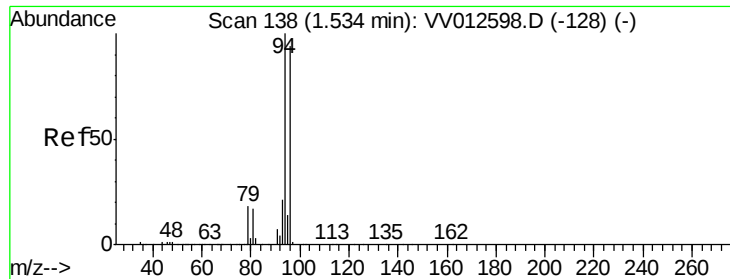
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.087 ug/L

RT: 1.54 min Scan# 140

Delta R.T. 0.01 min

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Acq: 06 Sep 2019 17:48

Instrument :

MSVOA_V

ClientSampled :

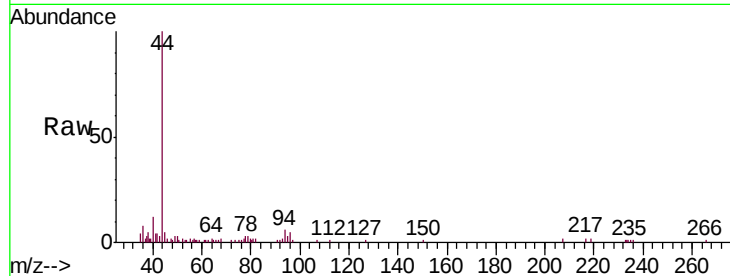
H0BM1

Tgt Ion: 94 Resp: 1085

Ion Ratio Lower Upper

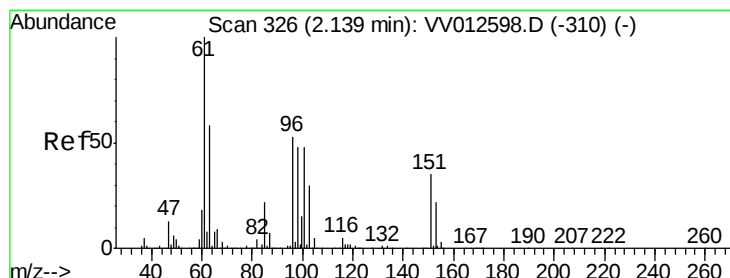
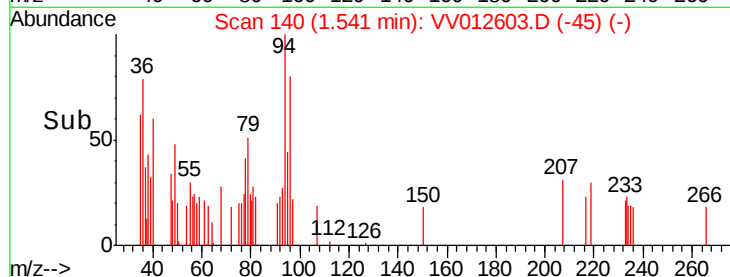
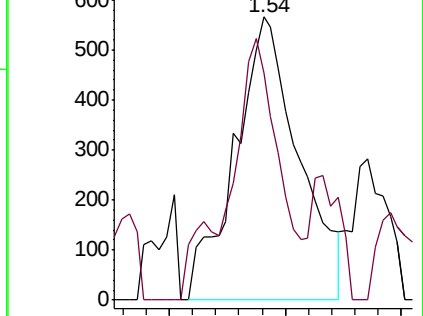
94 100

96 80.2 62.6 116.3



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#10

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

Concen: 0.071 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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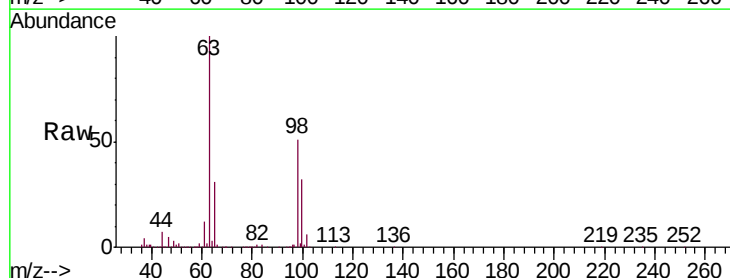
Tgt Ion: 101 Resp: 1229

Ion Ratio Lower Upper

101 100

85 17.1 37.4 56.0#

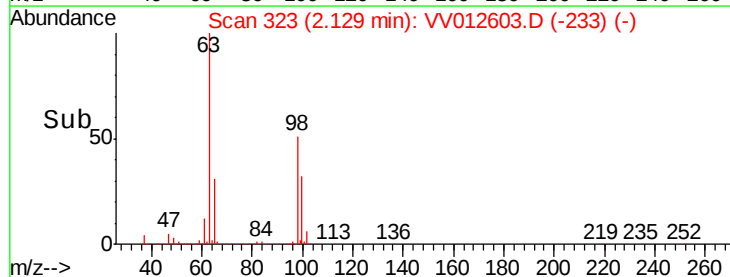
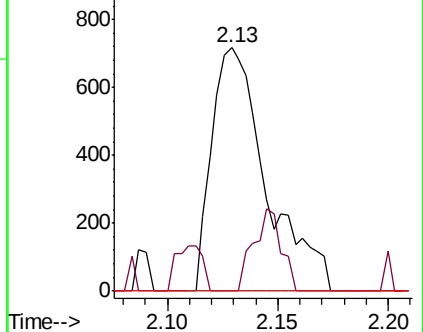
151 0.0 58.2 87.4#

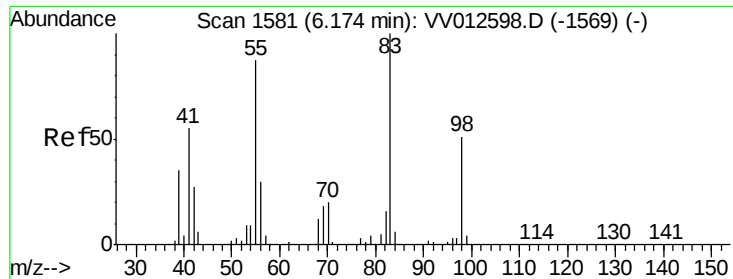


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

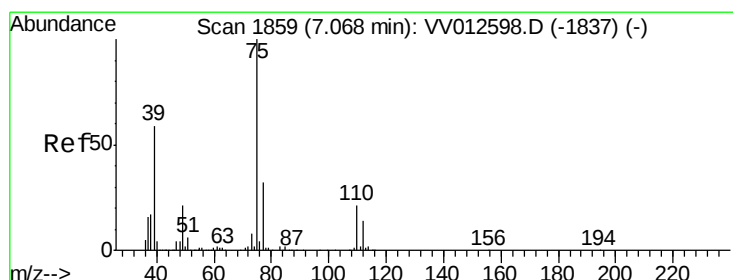
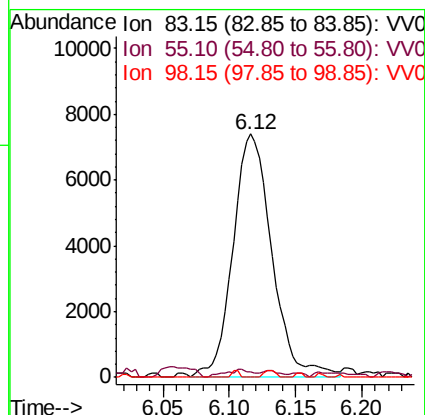
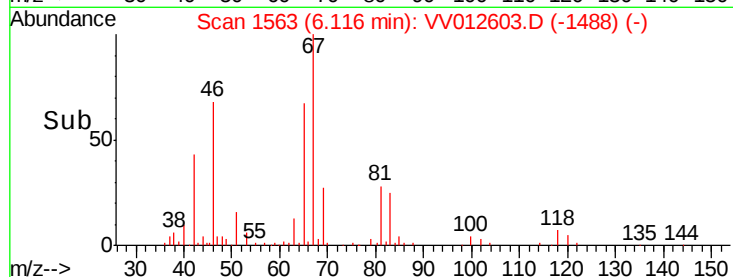
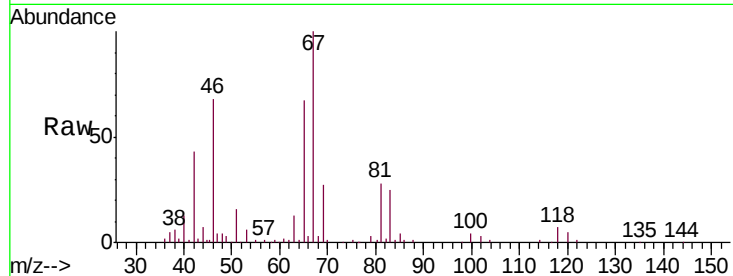




#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
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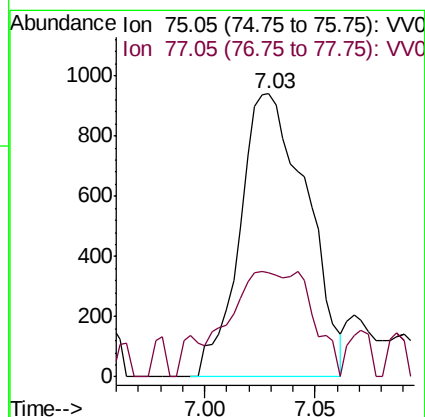
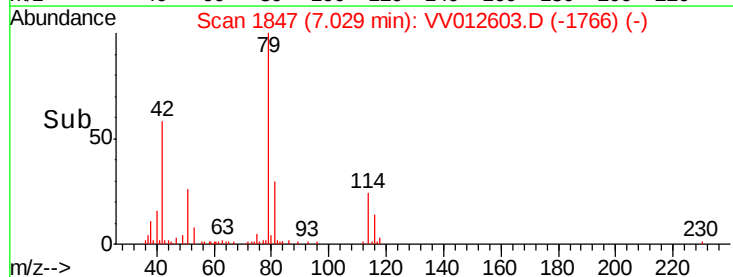
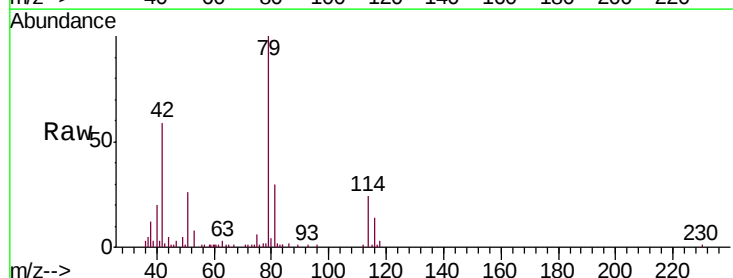
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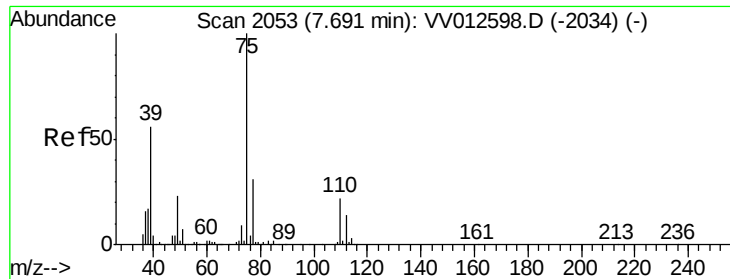
Tgt Ion: 83 Resp: 15133
Ion Ratio Lower Upper
83 100
55 2.4 69.0 103.6#
98 0.5 38.0 57.0#



#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012603.D
Acq: 06 Sep 2019 17:48

Tgt Ion: 75 Resp: 1985
Ion Ratio Lower Upper
75 100
77 36.9 21.6 40.2





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012603.D

Acq: 06 Sep 2019 17:48

Instrument :

MSVOA_V

ClientSampleId :

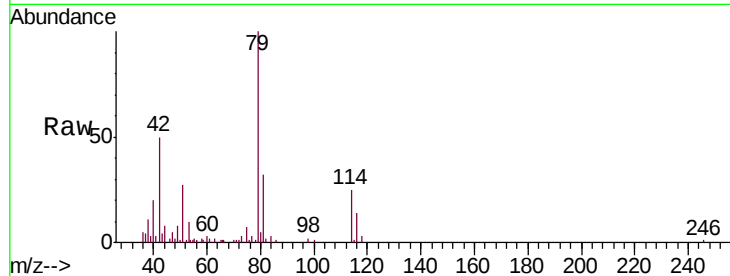
H0BM1

Tgt Ion: 75 Resp: 1411

Ion Ratio Lower Upper

75 100

77 35.3 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

800

600

400

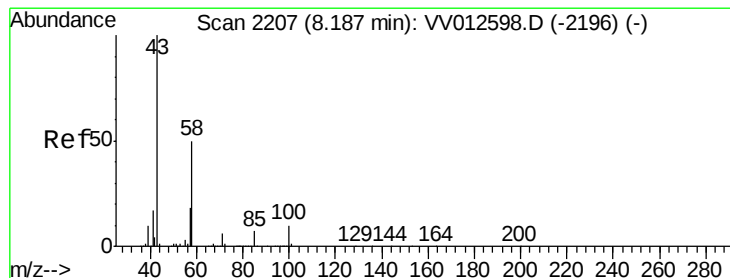
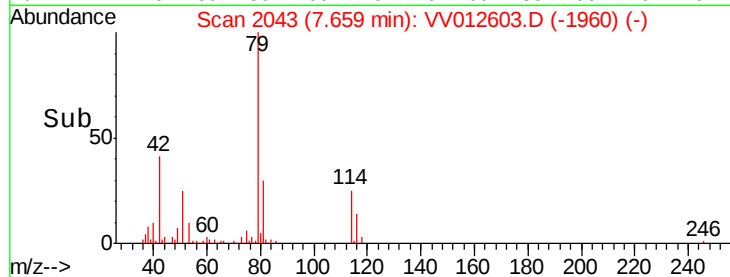
200

0

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 2.164 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012603.D

Acq: 06 Sep 2019 17:48

Tgt Ion: 43 Resp: 12502

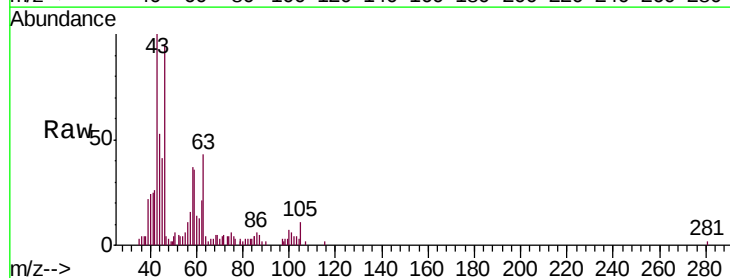
Ion Ratio Lower Upper

43 100

58 29.5 39.3 58.9#

57 10.2 12.9 19.3#

100 6.5 8.0 12.0#



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

8000

6000

4000

2000

0

8.15

8.20

8.25

8.30

Time-->

