

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016661.D
 Acq On : 08 Jun 2020 15:49
 Operator : SY/MD
 Sample : L2861-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E46

Quant Time: Jun 09 01:08:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376905	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	354914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167193	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119591	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.94%
7) Chloroethane-d5	1.57	69	87149	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.22%
11) 1,1-Dichloroethene-d2	2.12	63	166118	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.40%
21) 2-Butanone-d5	3.89	46	201659	102.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.45%
24) Chloroform-d	4.37	84	255308	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
26) 1,2-Dichloroethane-d4	5.05	65	184113	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.07	84	510724	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
36) 1,2-Dichloropropane-d6	6.09	67	160599	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.34	98	458490	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%
43) trans-1,3-Dichloropropene-	7.64	79	74749	45.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.00%
47) 2-Hexanone-d5	8.11	63	132629	95.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	209722	49.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	189007	52.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.94%

Target Compounds

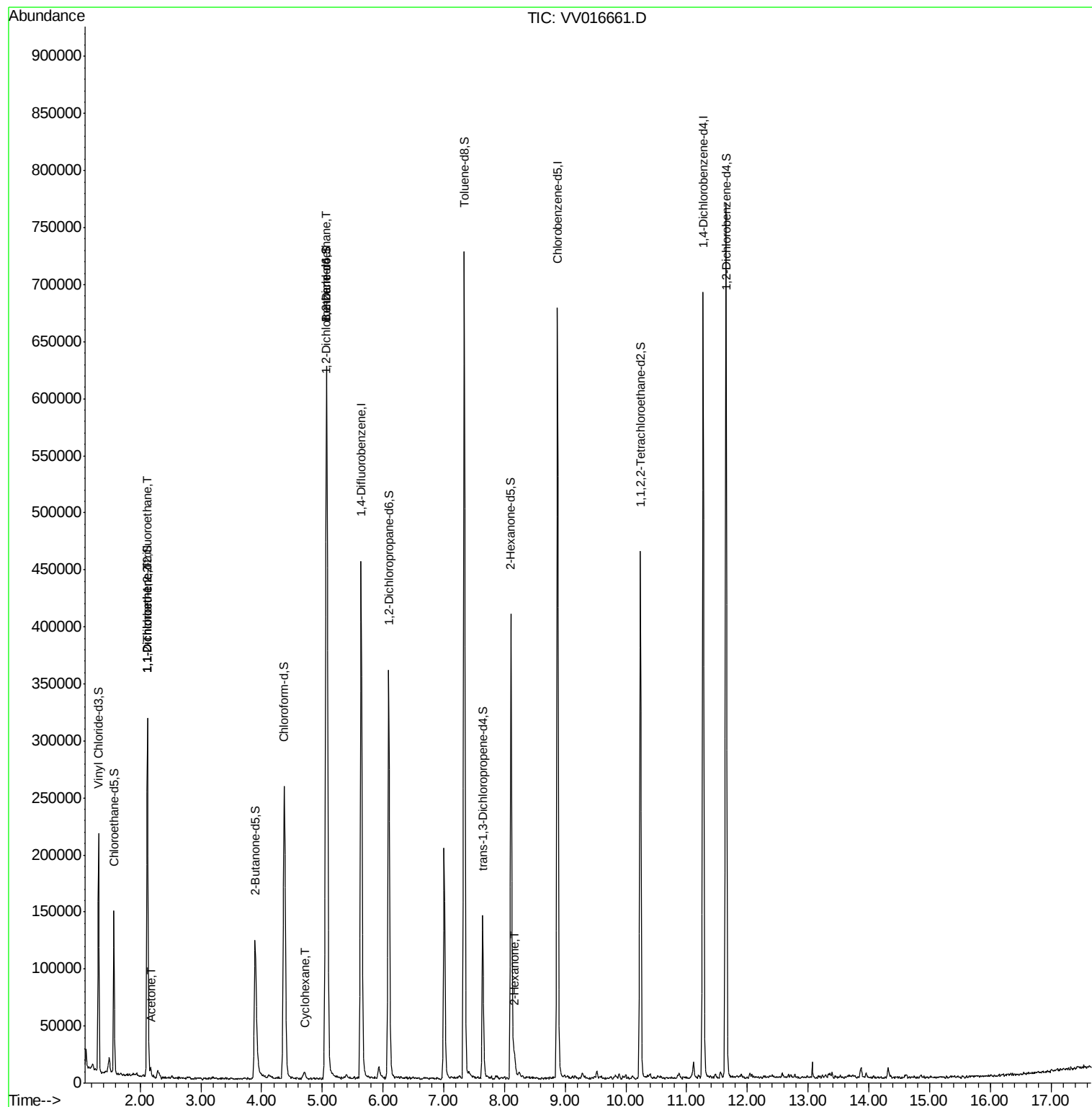
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1779	0.888 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1417	0.757 ug/L #	1
13) Acetone	2.17	43	5517	4.254 ug/L	96
27) 1,2-Dichloroethane	5.07	62	3639	0.880 ug/L	99
29) Cyclohexane	4.71	56	3379	0.766 ug/L #	83
48) 2-Hexanone	8.17	43	9873	3.291 ug/L #	83

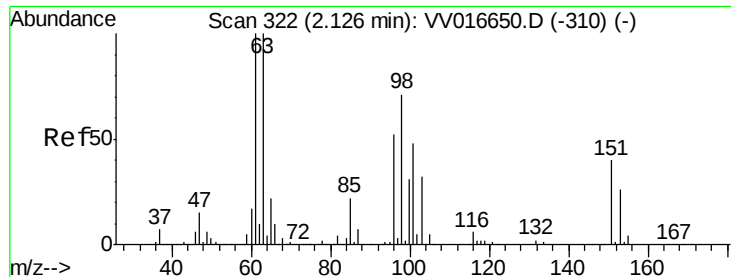
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 01:02:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.888 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV016661.D

Acq: 08 Jun 2020 15:49

Instrument :

MSVOA_V

ClientSampled :

F9E46

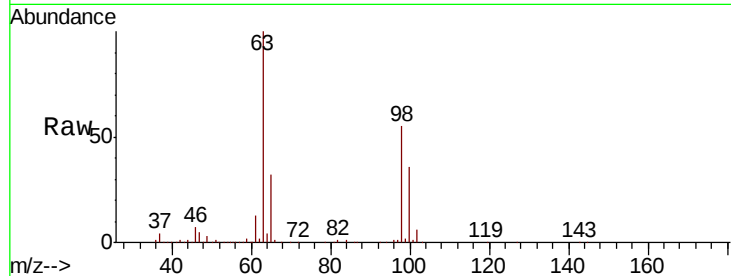
Tot Ion:101 Resp: 1779

Ion Ratio Lower Upper

101 100

85 2.6 35.5 53.3#

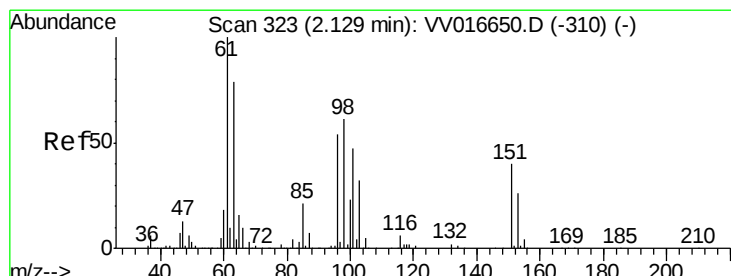
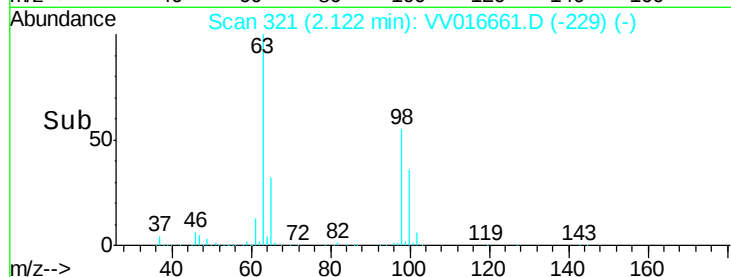
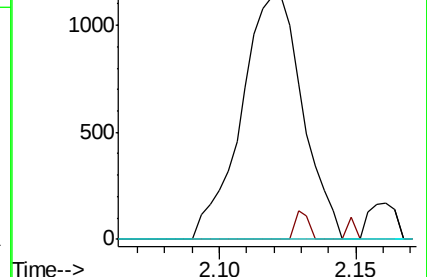
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.757 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016661.D

Acq: 08 Jun 2020 15:49

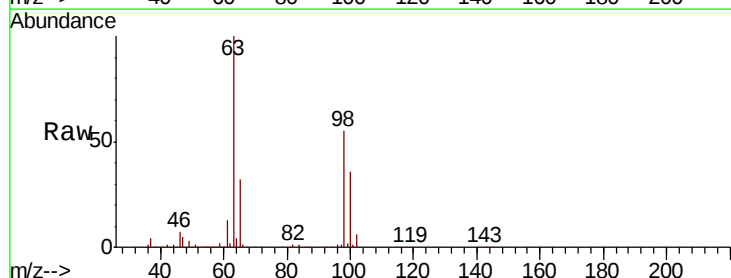
Tgt Ion: 96 Resp: 1417

Ion Ratio Lower Upper

96 100

61 1708.2 130.4 242.2#

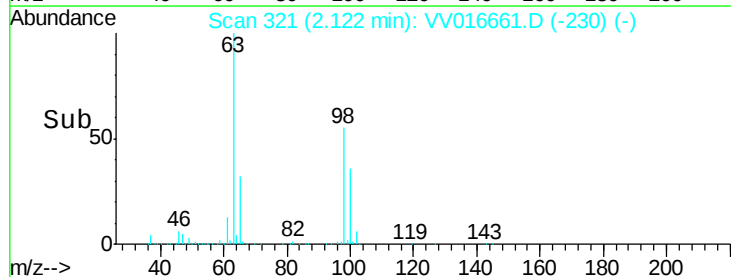
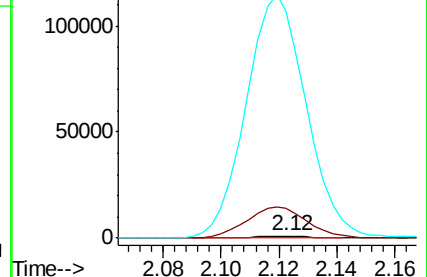
63 13103.2 103.3 191.9#

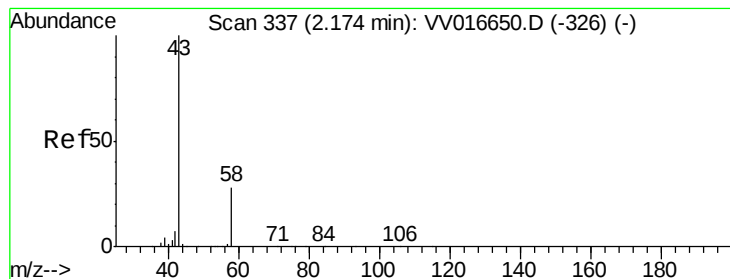


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.254 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016661.D

Acq: 08 Jun 2020 15:49

Instrument :

MSVOA_V

ClientSampleId :

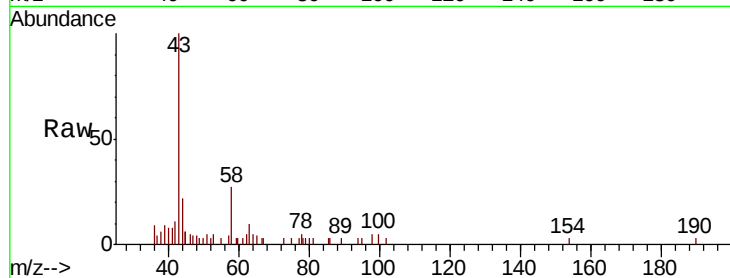
F9E46

Tot Ion: 43 Resp: 5517

Ion Ratio Lower Upper

43 100

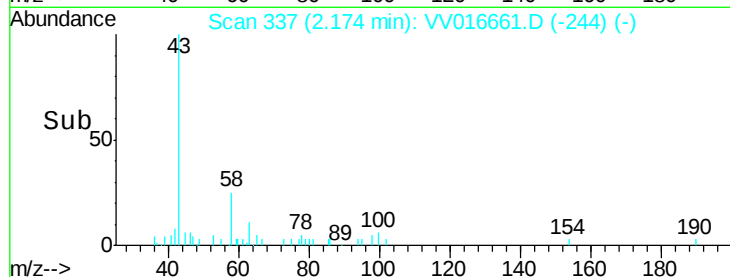
58 25.5 0.0 55.2



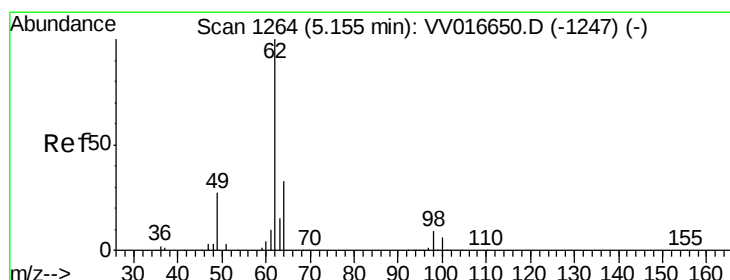
Abundance Ion 43.00 (42.70 to 43.70): VV016661.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV016661.D (-244) (-)

Time-->



Time-->



#27

1,2-Dichloroethane

Concen: 0.880 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV016661.D

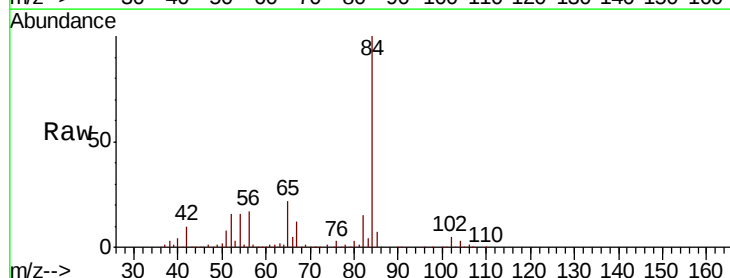
Acq: 08 Jun 2020 15:49

Tgt Ion: 62 Resp: 3639

Ion Ratio Lower Upper

62 100

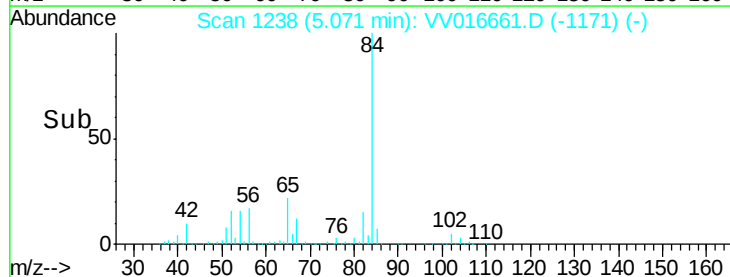
98 8.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV016661.D (-1171) (-)

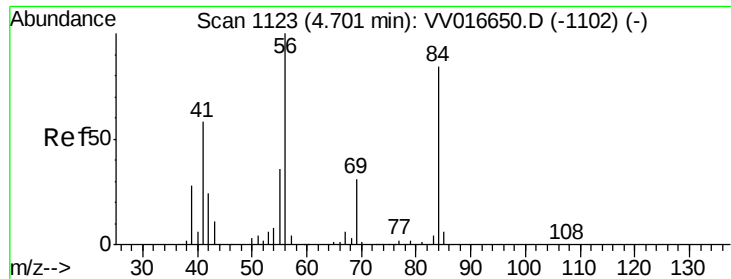
Ion 98.00 (97.70 to 98.70): VV016661.D (-1171) (-)

Time-->



Time-->

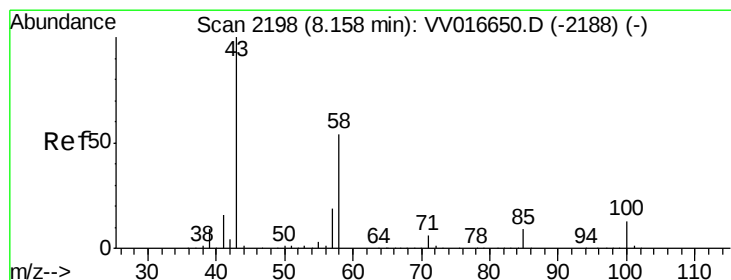
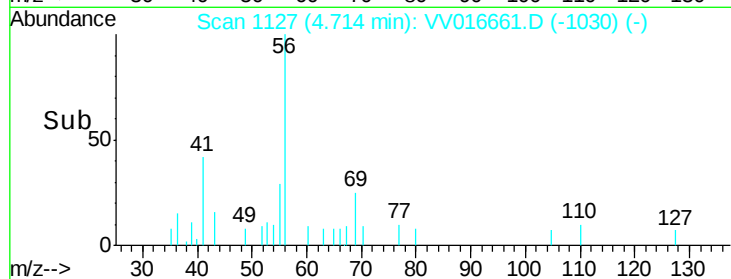
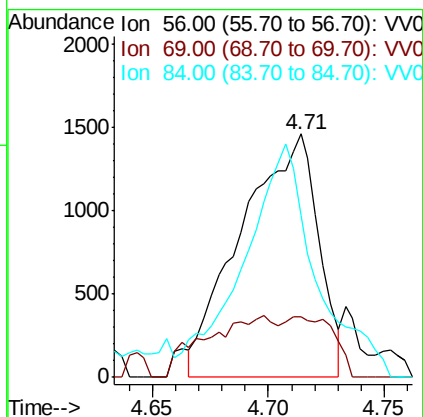
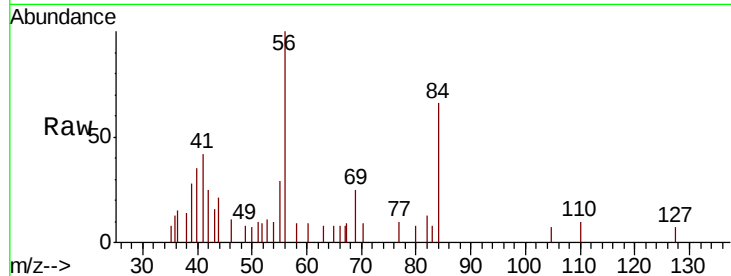
Time-->



#29
Cvclohexane
Concen: 0.766 ug/L
RT: 4.71 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VV016661.D
Acq: 08 Jun 2020 15:49

Instrument :
MSVOA_V
ClientSampleId :
F9E46

Tot Ion: 56 Resp: 3379
Ion Ratio Lower Upper
56 100
69 1.6 25.0 37.4#
84 90.8 69.5 104.3



#48
2-Hexanone
Concen: 3.291 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016661.D
Acq: 08 Jun 2020 15:49

Tgt Ion: 43 Resp: 9873
Ion Ratio Lower Upper
43 100
58 46.1 43.1 64.7
57 5.1 15.3 22.9#
100 5.2 10.0 15.0#

