

Data File : VU034611.D
Acq On : 17 Sep 2019 13:28
Operator : JC/SP
Sample : K4838-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMMO

Quant Time: Sep 18 04:34:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 18 04:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	236853	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	217763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	86374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50894	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.08%
7) Chloroethane-d5	1.67	69	45872	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.39	63	72	0.03	ug/L	0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.15	46	150817	117.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.05%
24) Chloroform-d	4.62	84	138174	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.52%
26) 1,2-Dichloroethane-d4	5.29	65	89775	56.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.42%
32) Benzene-d6	5.32	84	253748	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.98%
36) 1,2-Dichloropropane-d6	6.31	67	98888	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.96%
41) Toluene-d8	7.54	98	238725	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%
43) trans-1,3-Dichloropropene-	7.83	79	44554	52.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.80%
47) 2-Hexanone-d5	8.29	63	101107	104.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	146030	52.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.86%
64) 1,2-Dichlorobenzene-d4	11.84	152	83271	54.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.08%

Target Compounds

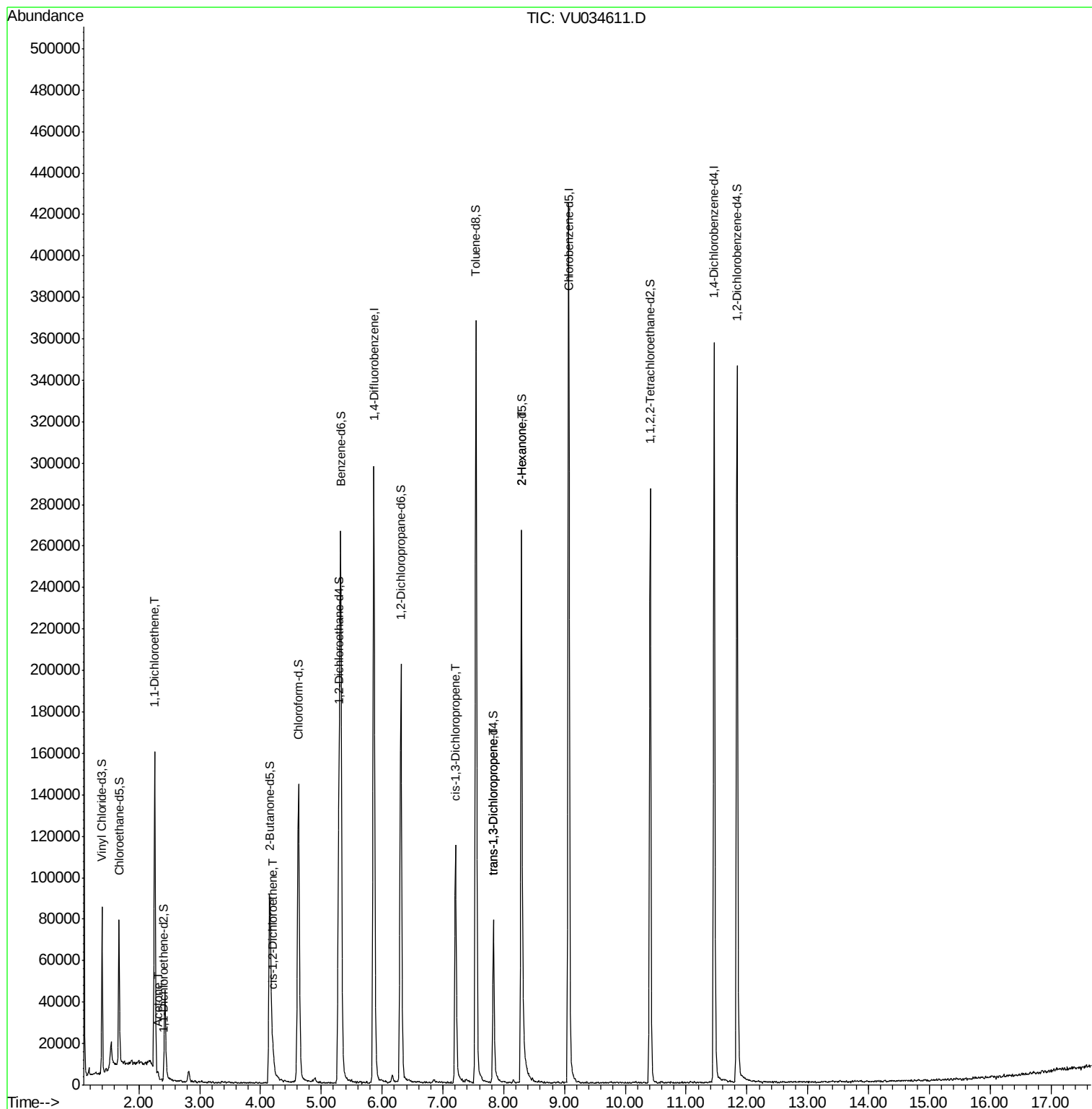
					Qvalue
12) 1,1-Dichloroethene	2.27	96	3297	2.929 ug/L #	1
13) Acetone	2.31	43	2740	2.366 ug/L	89
20) cis-1,2-Dichloroethene	4.20	96	3932	2.520 ug/L	85
39) cis-1,3-Dichloropropene	7.21	75	3492	1.386 ug/L	86
44) trans-1,3-Dichloropropene	7.83	75	2306	0.998 ug/L #	83
48) 2-Hexanone	8.29	43	10991	5.017 ug/L #	59

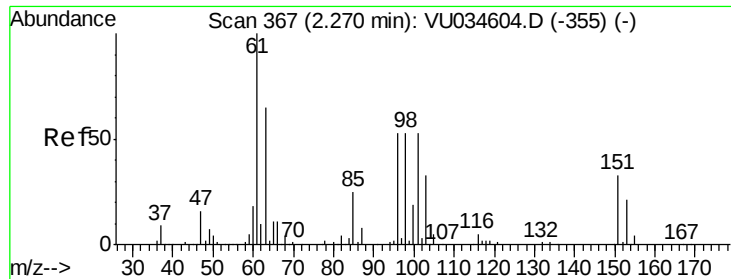
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.929 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU034611.D

Acq: 17 Sep 2019 13:28

Instrument :

MSVOA_U

ClientSampleId :

COMM0

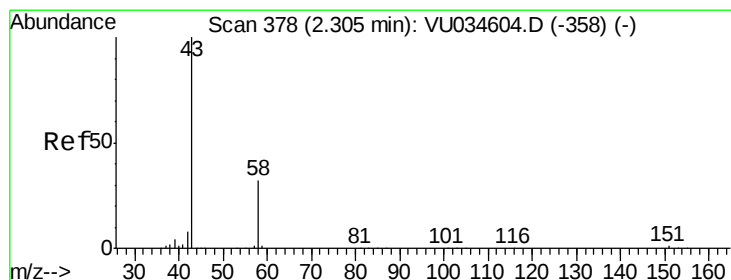
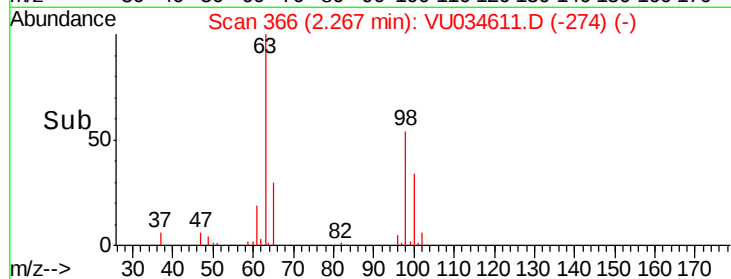
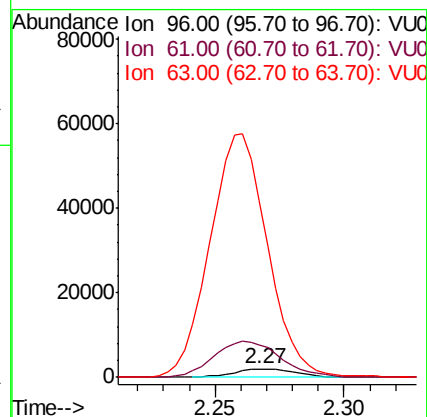
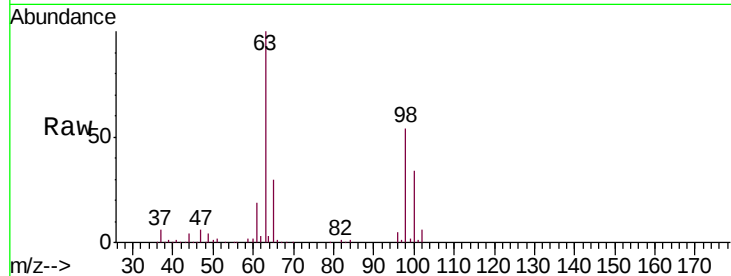
Tgt Ion: 96 Resp: 3297

Ion Ratio Lower Upper

96 100

61 406.6 117.8 218.8#

63 2189.7 83.8 155.6#



#13

Acetone

Concen: 2.366 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU034611.D

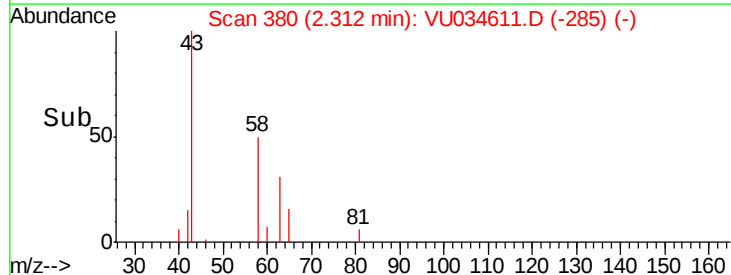
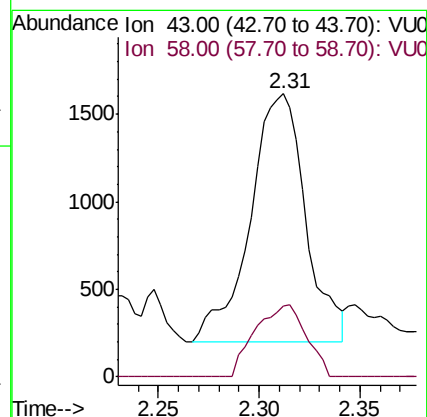
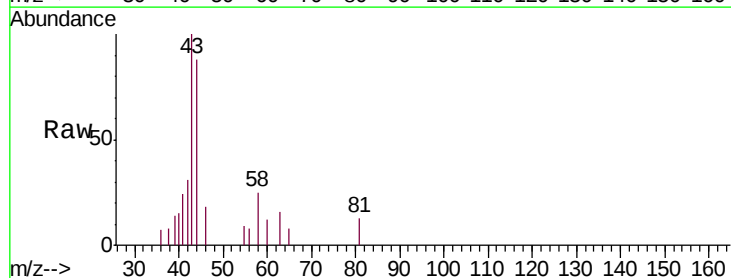
Acq: 17 Sep 2019 13:28

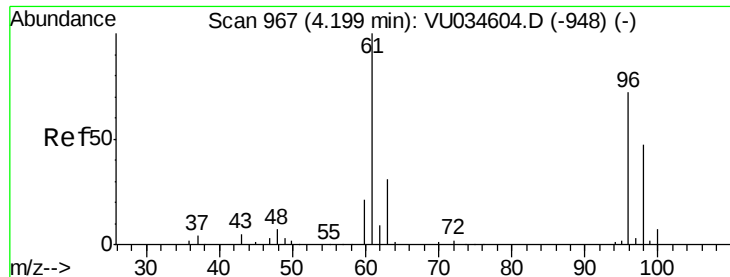
Tgt Ion: 43 Resp: 2740

Ion Ratio Lower Upper

43 100

58 26.5 0.0 65.0

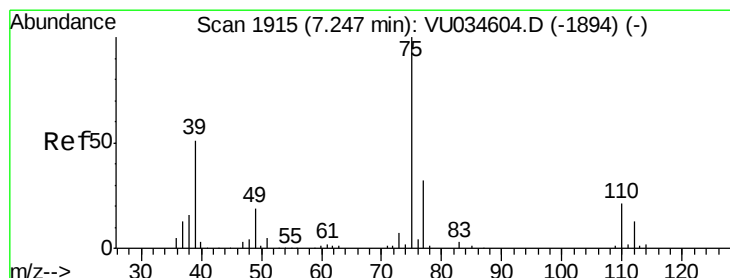
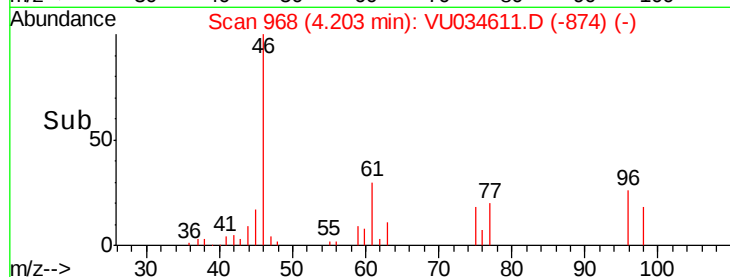
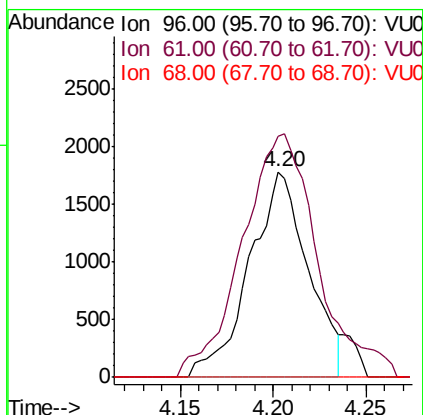
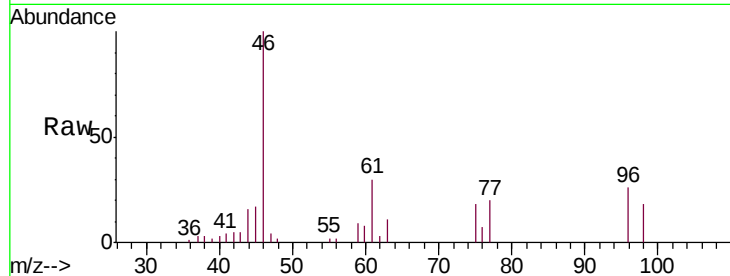




#20
 cis-1,2-Dichloroethene
 Concen: 2.520 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034611.D
 Acq: 17 Sep 2019 13:28

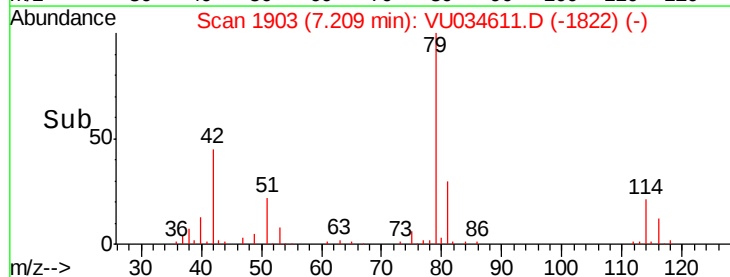
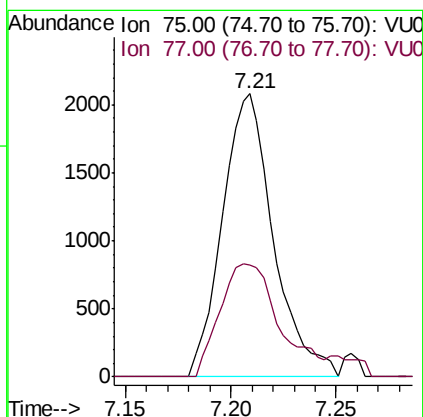
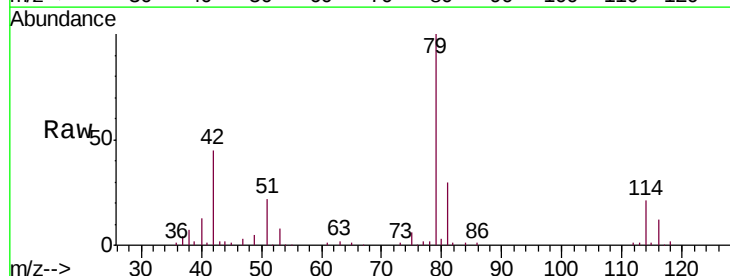
Instrument :
 MSVOA_U
 ClientSampled :
 COMM0

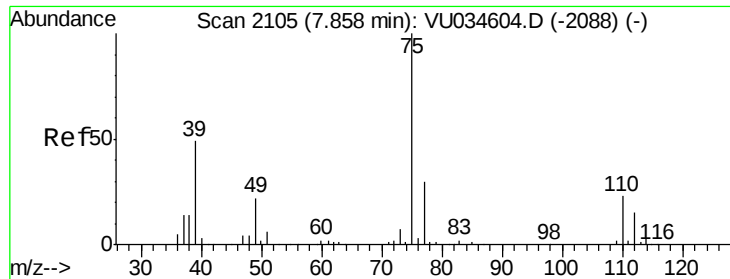
Tgt Ion: 96 Resp: 3932
 Ion Ratio Lower Upper
 96 100
 61 117.6 94.7 175.9
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.386 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU034611.D
 Acq: 17 Sep 2019 13:28

Tgt Ion: 75 Resp: 3492
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.3 41.3





#44

trans-1,3-Dichloropropene

Concen: 0.998 ug/L

RT: 7.83 min Scan# 2095

Delta R.T. -0.03 min

Lab File: VU034611.D

Acq: 17 Sep 2019 13:28

Instrument :

MSVOA_U

ClientSampleId :

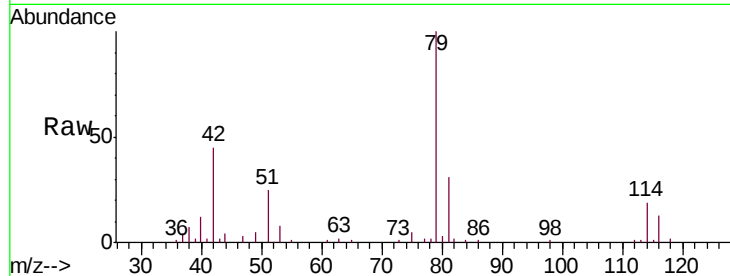
COMMO

Tgt Ion: 75 Resp: 2306

Ion Ratio Lower Upper

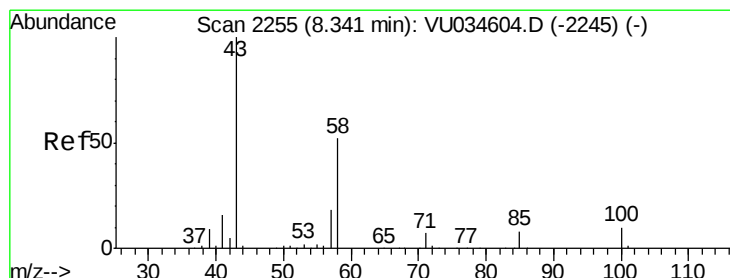
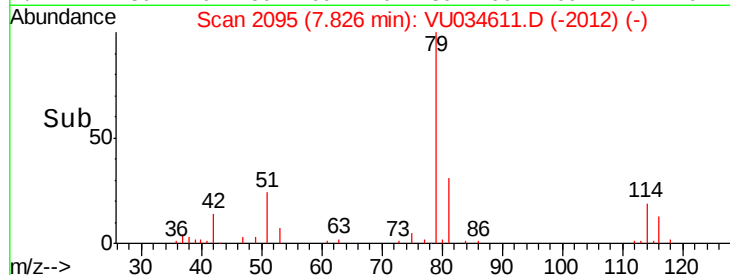
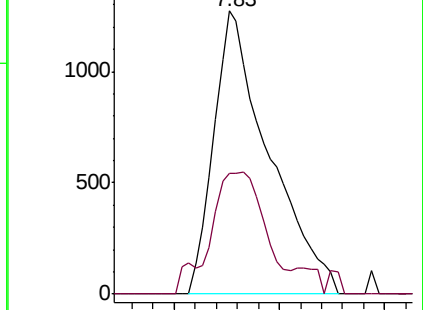
75 100

77 42.5 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VU034611.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU034611.D (-2102) (-)



#48

2-Hexanone

Concen: 5.017 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

Lab File: VU034611.D

Acq: 17 Sep 2019 13:28

Tgt Ion: 43 Resp: 10991

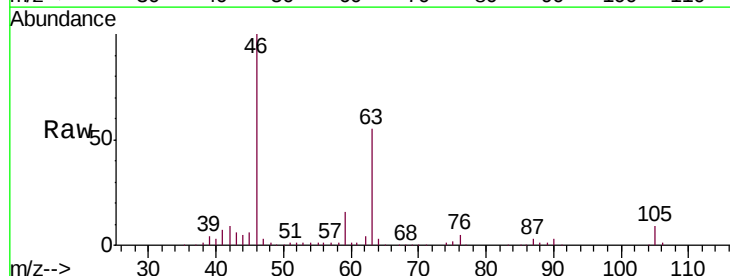
Ion Ratio Lower Upper

43 100

58 16.6 43.3 64.9#

57 20.8 13.1 19.7#

100 0.0 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034611.D (-2162) (-)

Ion 58.00 (57.70 to 58.70): VU034611.D (-2162) (-)

Ion 57.00 (56.70 to 57.70): VU034611.D (-2162) (-)

Ion 100.00 (99.70 to 100.70): VU034611.D (-2162) (-)

