

Data File : VU032374.D
Acq On : 30 May 2019 12:16
Operator : JC/SP
Sample : K3049-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 31 04:37:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	700766	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	699610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298610	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216026	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.67	69	187436	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.27	63	303744	33.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	4.17	46	352376	103.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.64	84	414598	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.31	65	269245	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.34	84	878764	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
36) 1,2-Dichloropropane-d6	6.32	67	271227	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.56	98	775480	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%
43) trans-1,3-Dichloropropene-	7.85	79	116490	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.31	63	233107	97.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	414882	47.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	307828	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%

Target Compounds

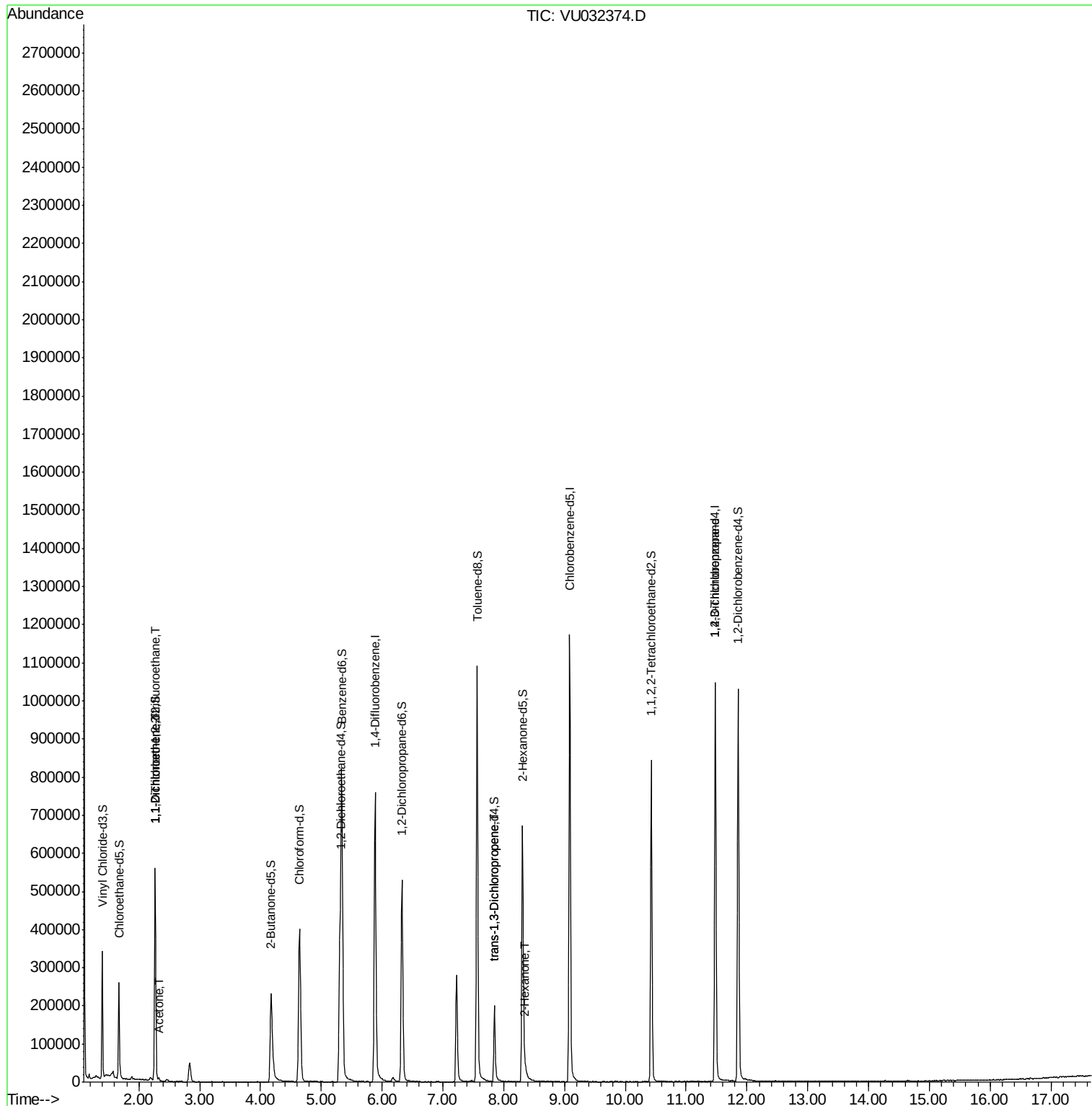
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3514	0.790 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	3181	0.701 ug/L #	1
13) Acetone	2.32	43	2725	0.851 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	4628	0.699 ug/L	95
48) 2-Hexanone	8.36	43	10733	1.972 ug/L #	37
59) 1,2,3-Trichloropropane	11.48	75	32245	4.754 ug/L	94

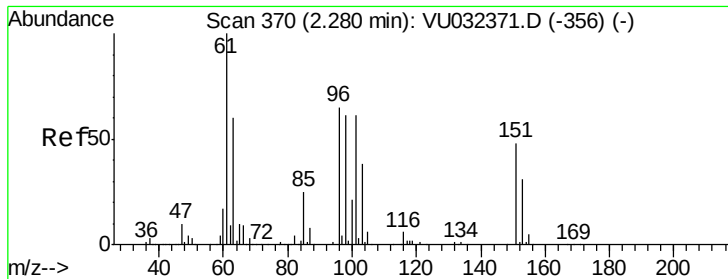
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.790 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

VHBLK01

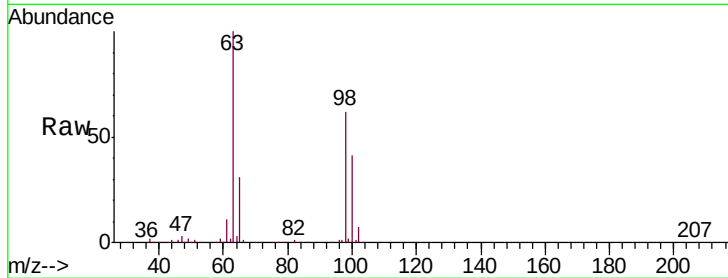
Tgt Ion: 101 Resp: 3514

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

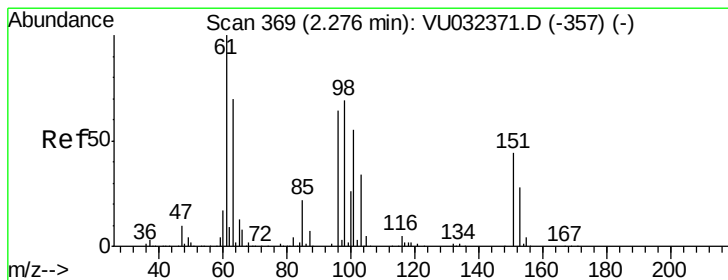
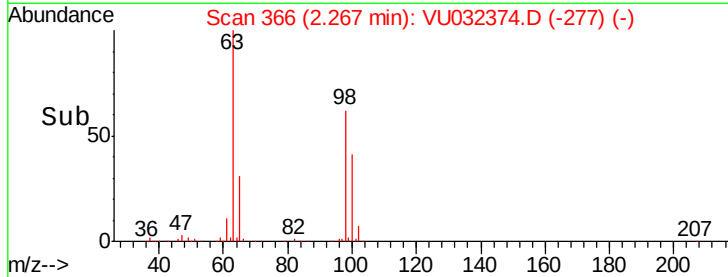
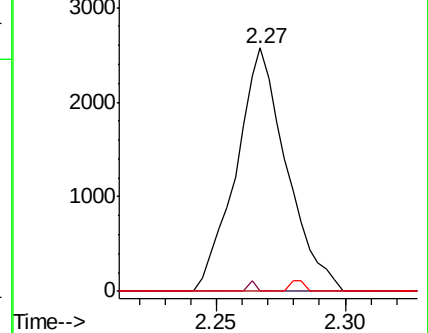
151 1.3 63.7 95.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.701 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032374.D

Acq: 30 May 2019 12:16

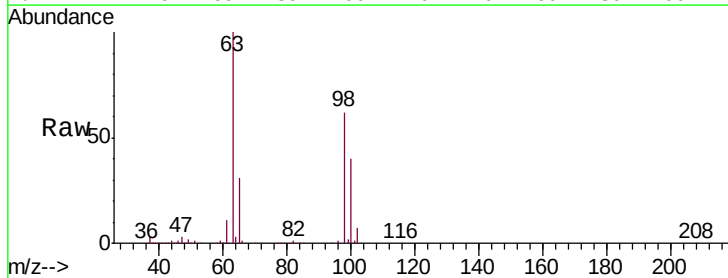
Tgt Ion: 96 Resp: 3181

Ion Ratio Lower Upper

96 100

61 1139.7 109.8 203.8#

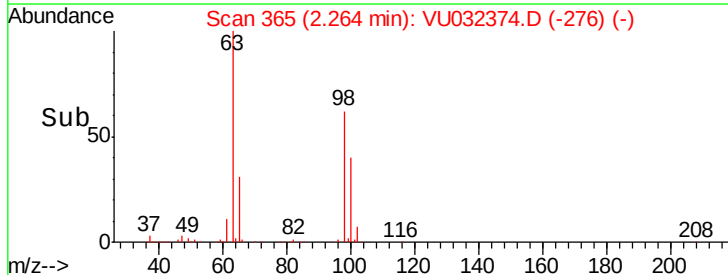
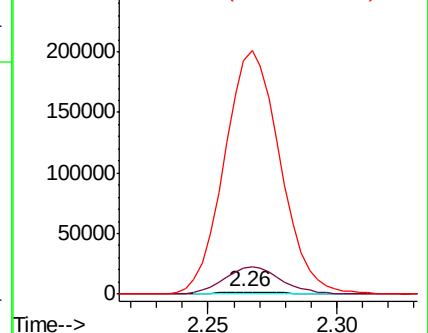
63 10167.1 74.4 138.2#

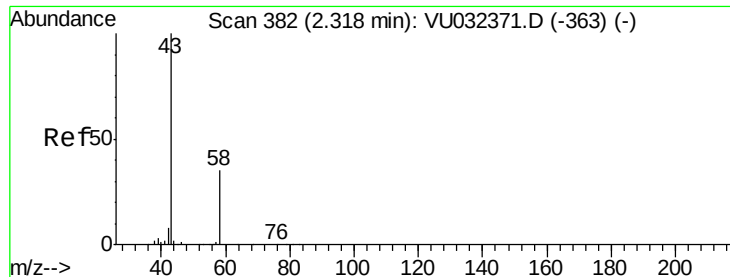


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.851 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032374.D

Acq: 30 May 2019 12:16

Instrument :

MSVOA_U

ClientSampleId :

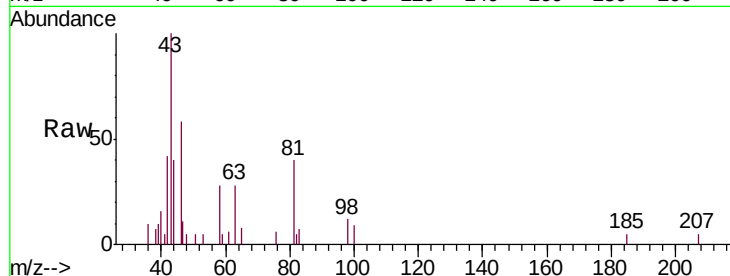
VHBLK01

Tgt Ion: 43 Resp: 2725

Ion Ratio Lower Upper

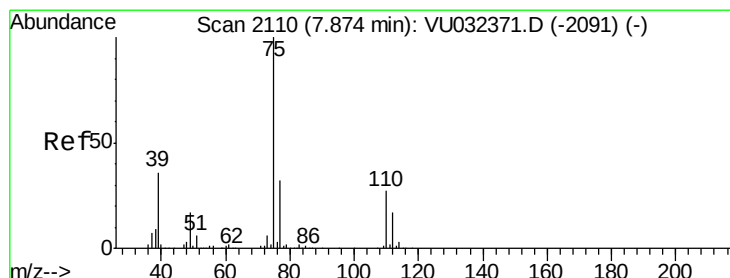
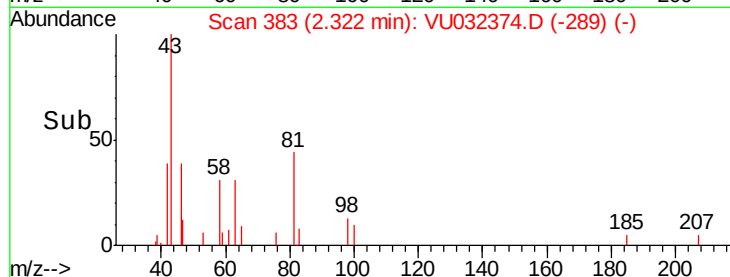
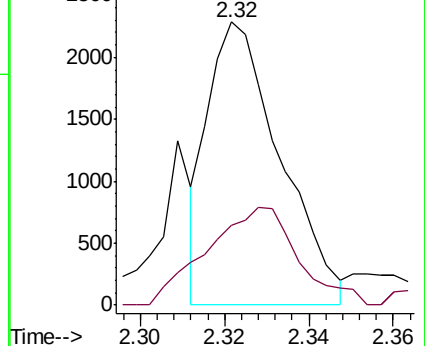
43 100

58 43.6 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU032374.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU032374.D (-363) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.699 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032374.D

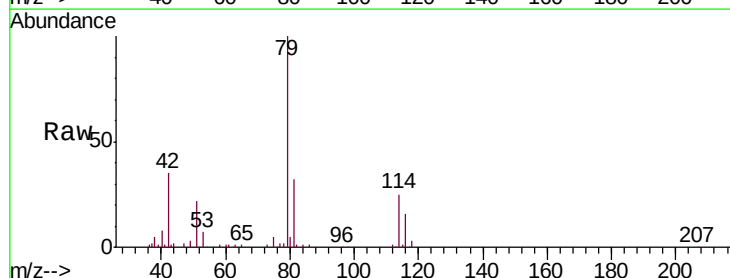
Acq: 30 May 2019 12:16

Tgt Ion: 75 Resp: 4628

Ion Ratio Lower Upper

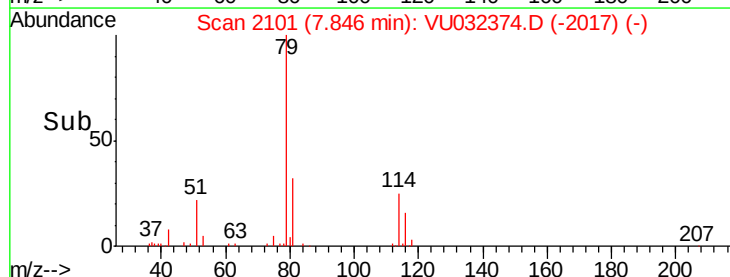
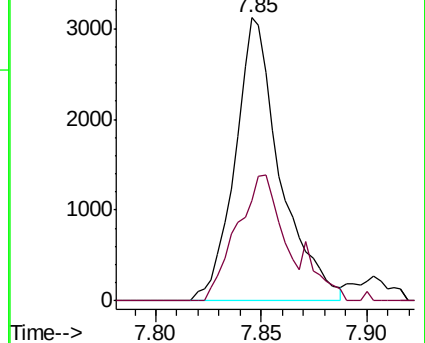
75 100

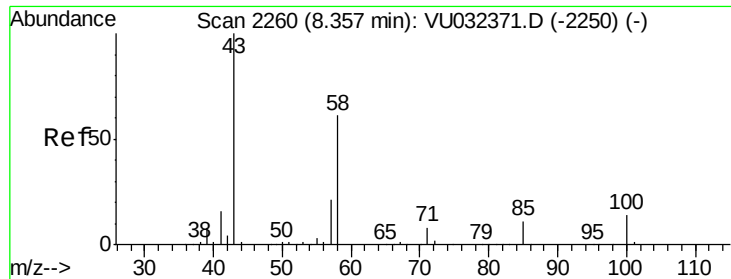
77 35.6 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU032374.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU032374.D (-2091) (-)

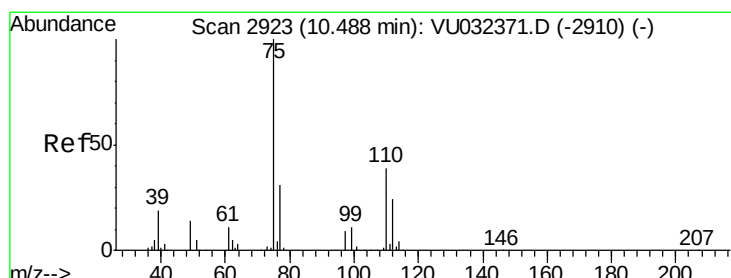
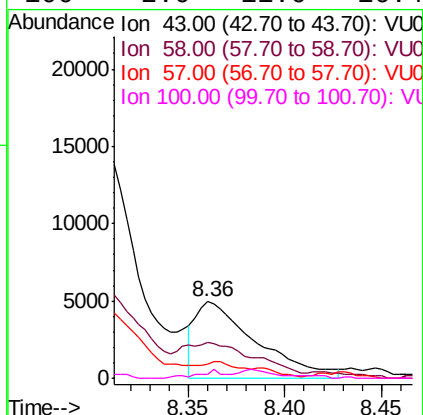
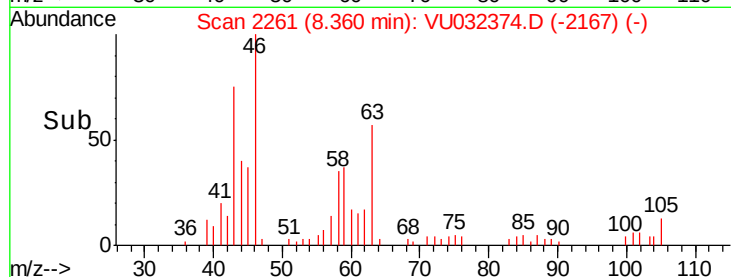
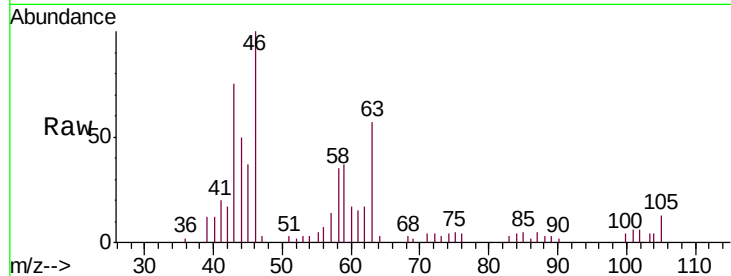




#48
 2-Hexanone
 Concen: 1.972 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032374.D
 Acq: 30 May 2019 12:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 10733
 Ion Ratio Lower Upper
 43 100
 58 0.0 48.6 73.0#
 57 4.3 17.0 25.4#
 100 2.0 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.754 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032374.D
 Acq: 30 May 2019 12:16

Tgt Ion: 75 Resp: 32245
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.8 38.8

