

Data File : VU030313.D
Acq On : 22 Mar 2019 17:11
Operator : JC/SP
Sample : K2062-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1F7

Quant Time: Mar 23 04:38:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	515973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229320	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129240	37.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.08%
7) Chloroethane-d5	1.68	69	120009	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.04%
11) 1,1-Dichloroethene-d2	2.27	63	185662	29.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.34%#
21) 2-Butanone-d5	4.17	46	264237	102.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.09%
24) Chloroform-d	4.65	84	277740	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	5.31	65	165640	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
32) Benzene-d6	5.34	84	566101	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.33	67	190032	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.56	98	505347	40.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.85	79	82959	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.40%
47) 2-Hexanone-d5	8.31	63	201987	95.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294801	47.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	214328	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%

Target Compounds

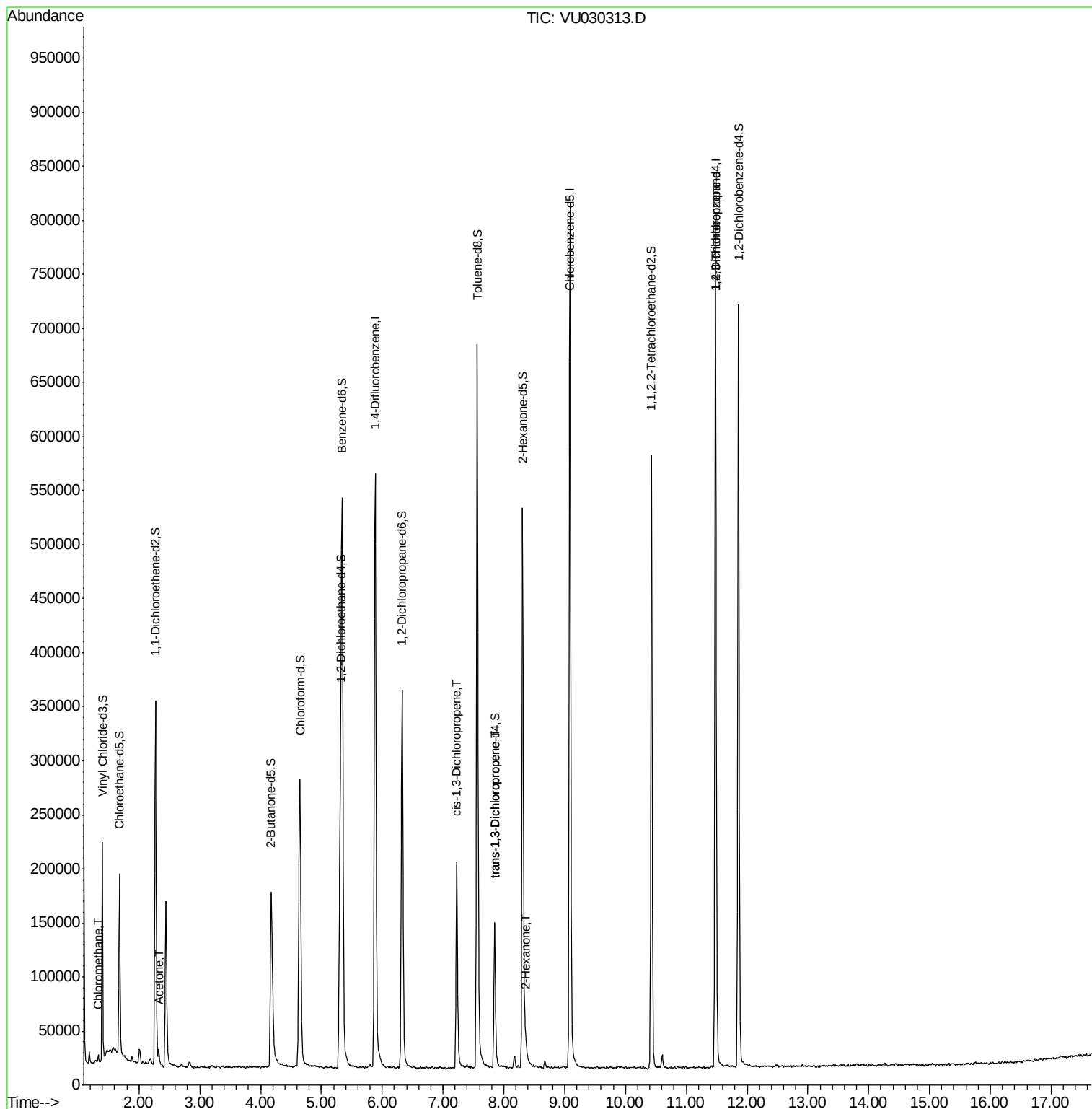
					Qvalue
3) Chloromethane	1.33	50	5219	1.234 ug/L	98
13) Acetone	2.32	43	13039	4.821 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	4262	0.717 ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	3100	0.603 ug/L	95
48) 2-Hexanone	8.37	43	8265	1.957 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	24518	4.899 ug/L	95

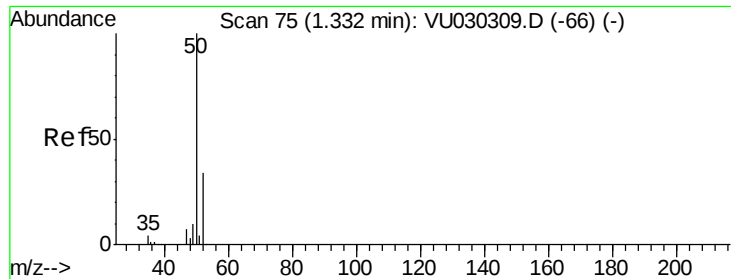
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.234 ug/L

RT: 1.33 min Scan# 75

Delta R.T. -0.00 min

Lab File: VU030313.D

Acq: 22 Mar 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

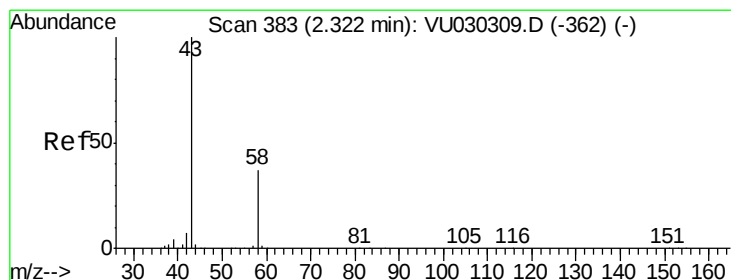
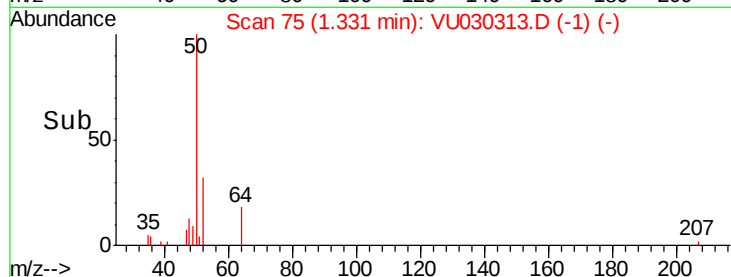
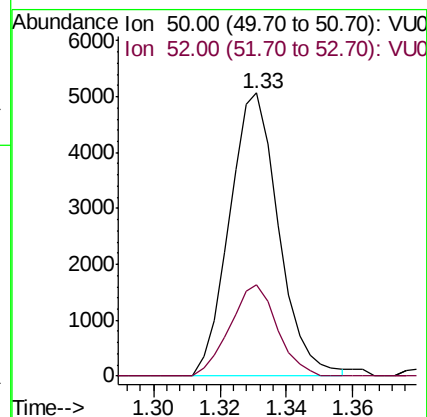
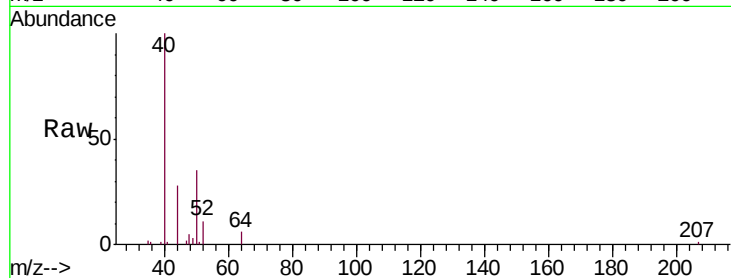
BF1F7

Tgt Ion: 50 Resp: 5219

Ion Ratio Lower Upper

50 100

52 32.1 23.4 43.6



#13

Acetone

Concen: 4.821 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU030313.D

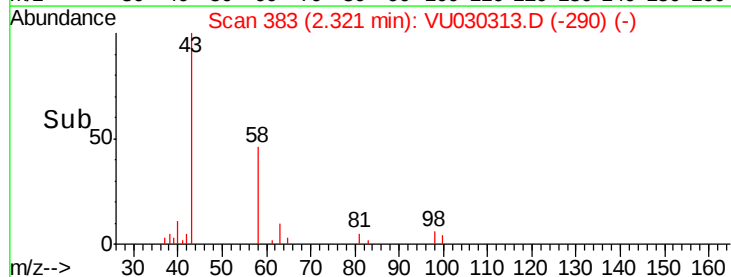
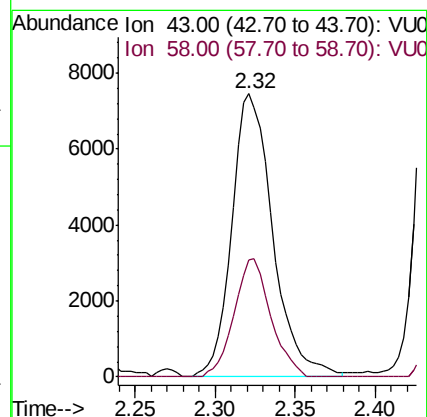
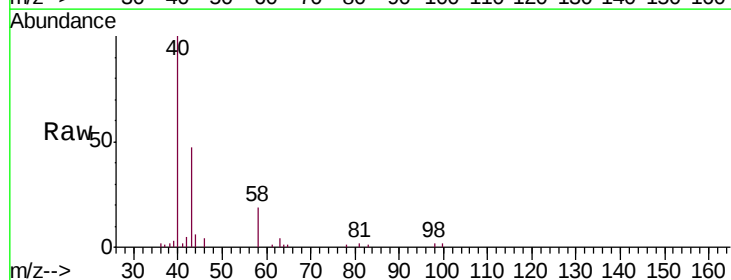
Acq: 22 Mar 2019 17:11

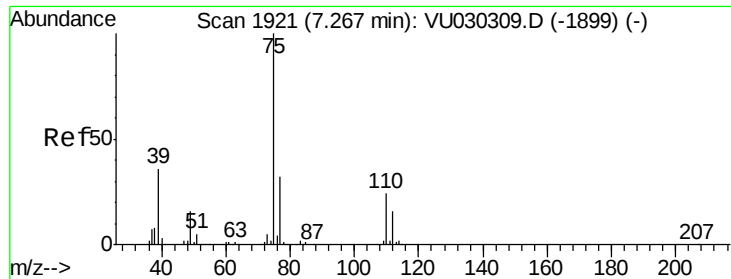
Tgt Ion: 43 Resp: 13039

Ion Ratio Lower Upper

43 100

58 37.1 0.0 73.4

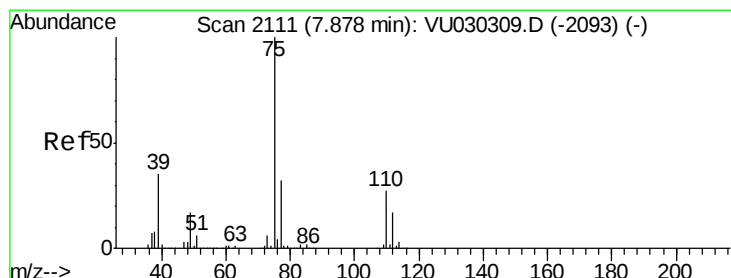
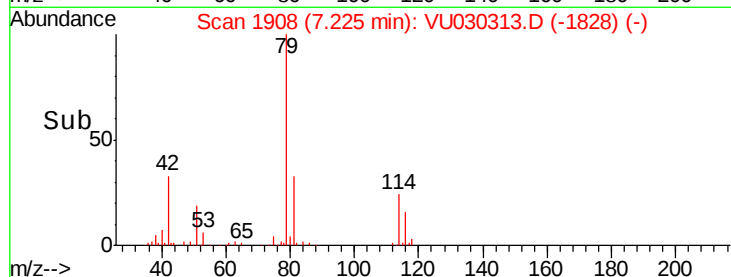
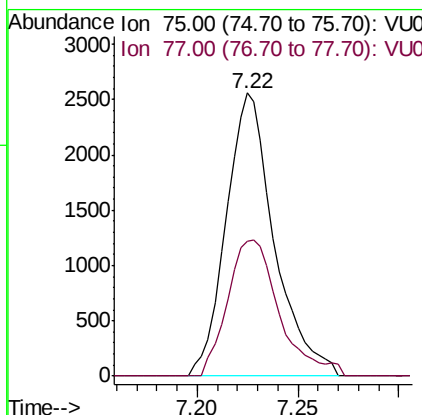
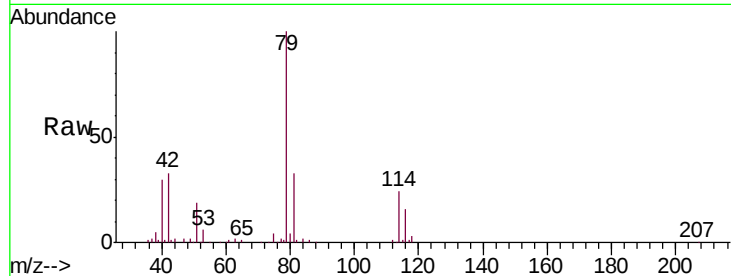




#39
 cis-1,3-Dichloropropene
 Concen: 0.717 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030313.D
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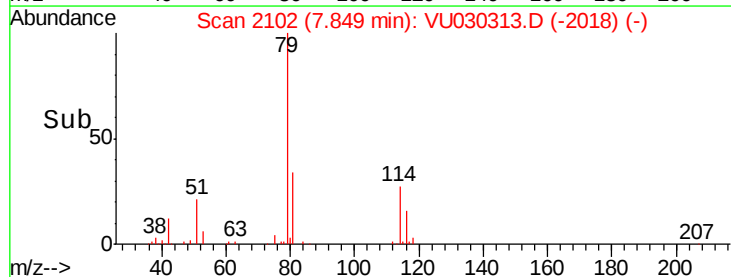
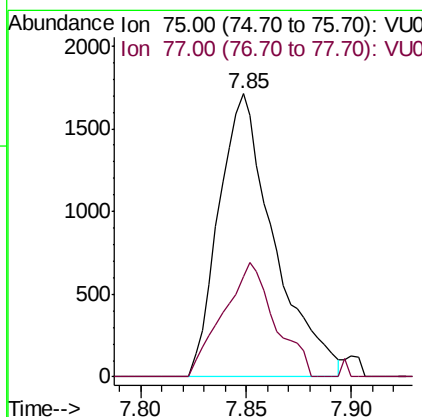
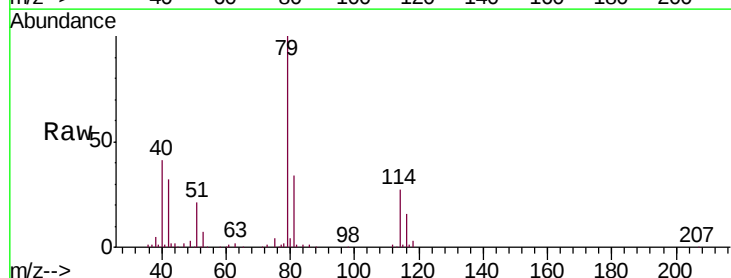
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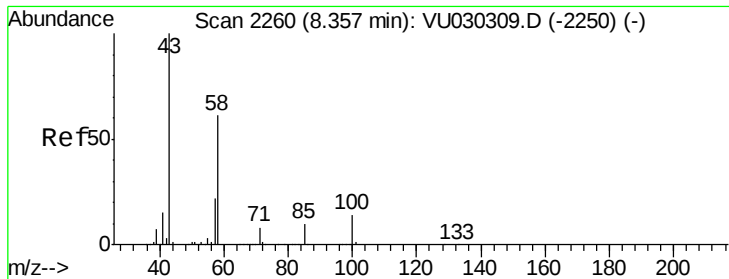
Tgt Ion: 75 Resp: 4262
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.603 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030313.D
 Acq: 22 Mar 2019 17:11

Tgt Ion: 75 Resp: 3100
 Ion Ratio Lower Upper
 75 100
 77 35.3 22.7 42.1

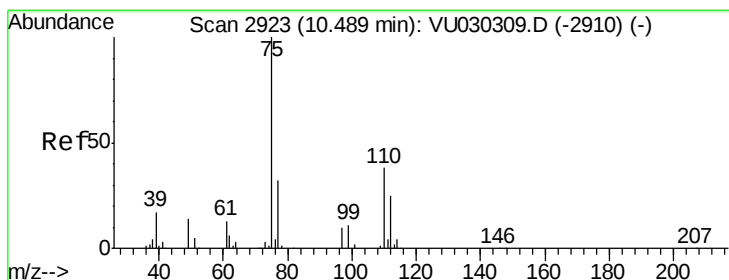
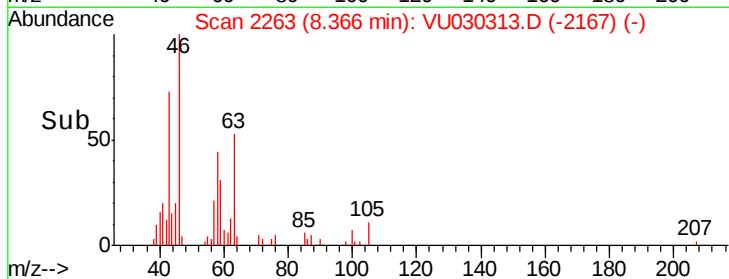
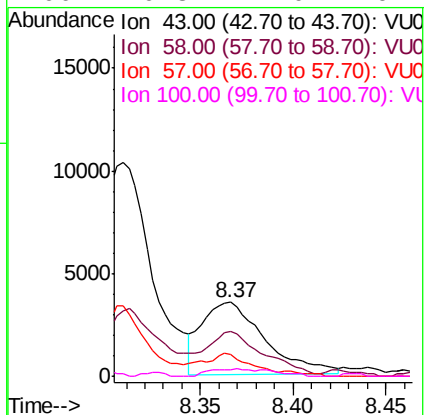
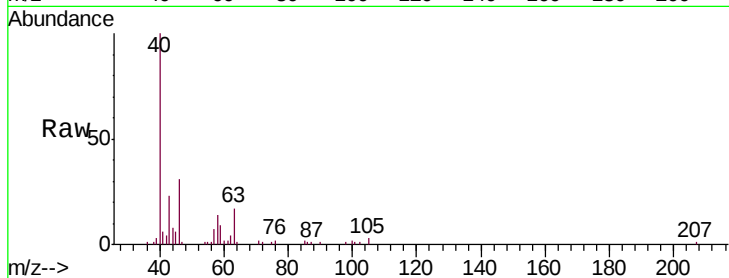




#48
 2-Hexanone
 Concen: 1.957 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030313.D
 Acq: 22 Mar 2019 17:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1F7

Tgt Ion: 43 Resp: 8265
 Ion Ratio Lower Upper
 43 100
 58 47.0 49.3 73.9#
 57 15.3 17.0 25.4#
 100 0.8 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.899 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030313.D
 Acq: 22 Mar 2019 17:11

Tgt Ion: 75 Resp: 24518
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.8 38.8

