

Data File : VU029609.D
Acq On : 22 Feb 2019 10:43
Operator : JC/SP
Sample : K1552-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y8

Quant Time: Feb 22 22:17:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	496344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229373	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	157519	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.68	69	139434	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.24%
11) 1,1-Dichloroethene-d2	2.27	63	226126	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.17	46	253697	114.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.62%
24) Chloroform-d	4.65	84	284082	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.31	65	183846	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.34	84	599377	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.33	67	182805	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.76%
41) Toluene-d8	7.56	98	574137	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
43) trans-1,3-Dichloropropene-	7.85	79	86076	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.31	63	234511	117.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289317	47.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	240077	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

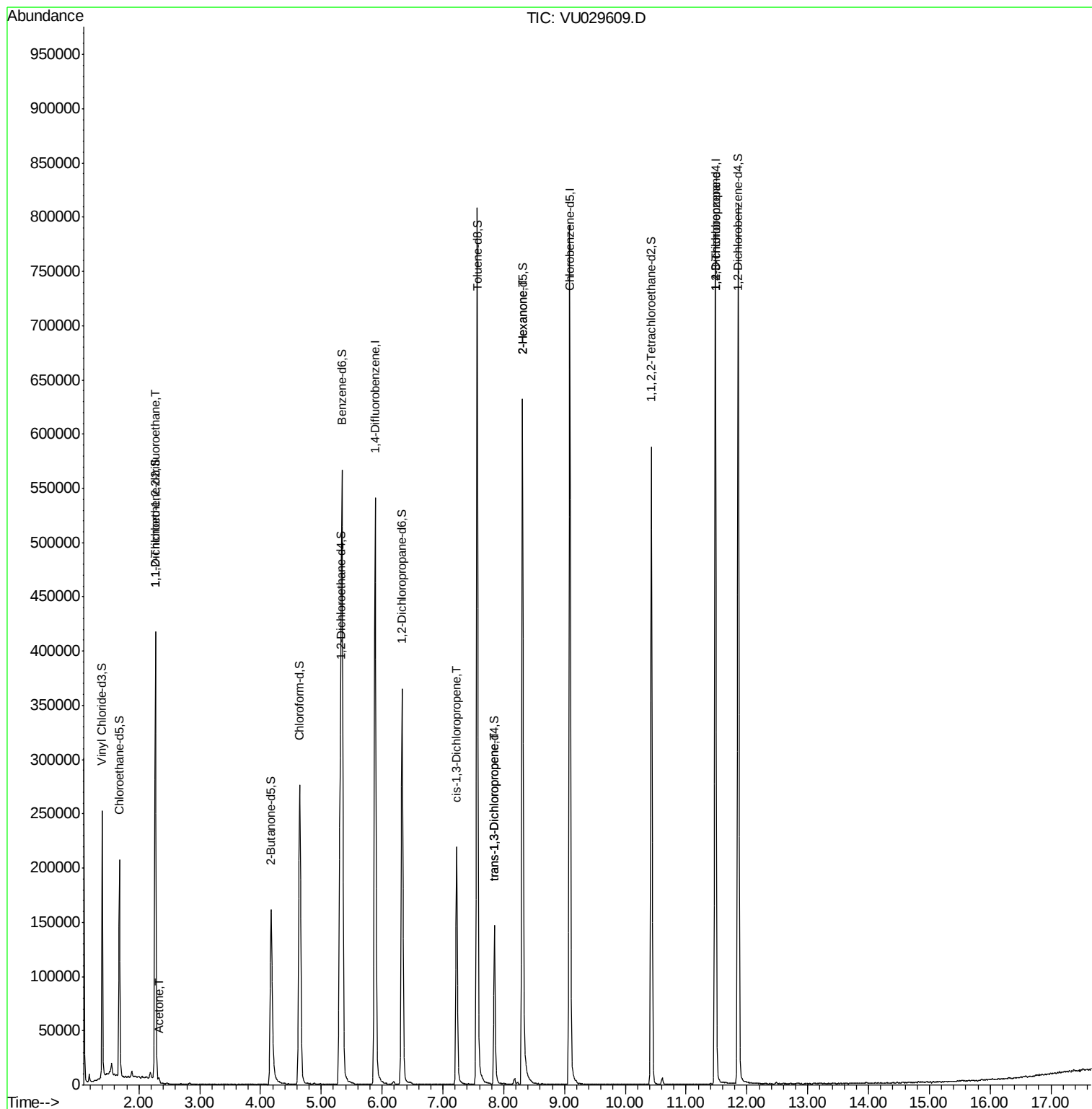
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2145	0.620	ug/L #	17
13) Acetone	2.32	43	2059	0.871	ug/L	76
39) cis-1,3-Dichloropropene	7.23	75	5037	0.977	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	3770	0.776	ug/L #	76
48) 2-Hexanone	8.31	43	24568	6.261	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	21958	4.821	ug/L	89

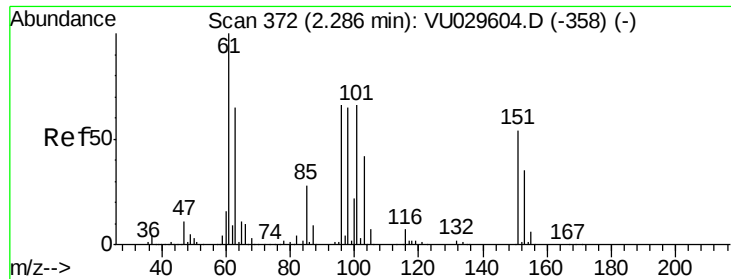
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.620 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Acq: 22 Feb 2019 10:43

Instrument :

MSVOA_U

ClientSampleId :

BF5Y8

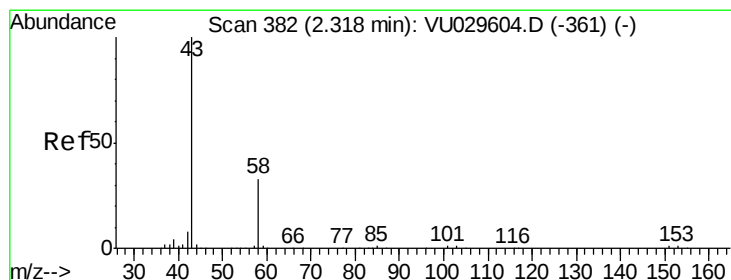
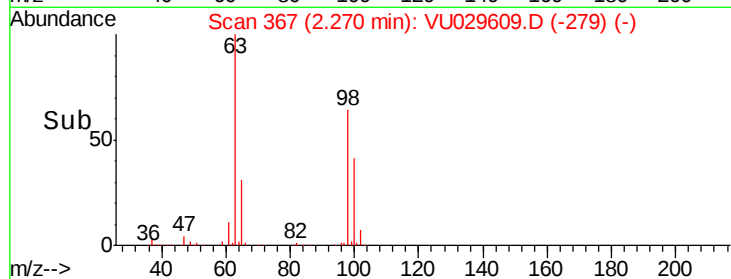
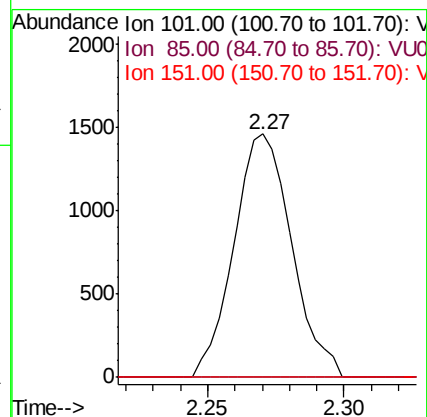
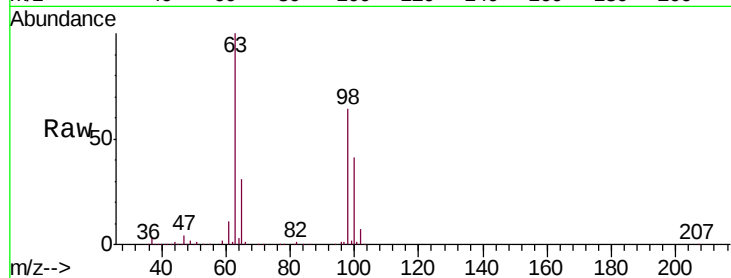
Tgt Ion: 101 Resp: 2145

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 0.0 65.7 98.5#



#13

Acetone

Concen: 0.871 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU029609.D

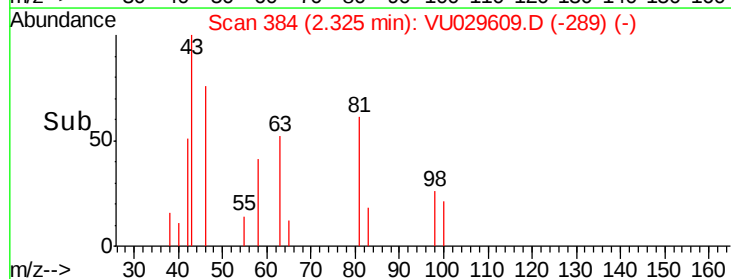
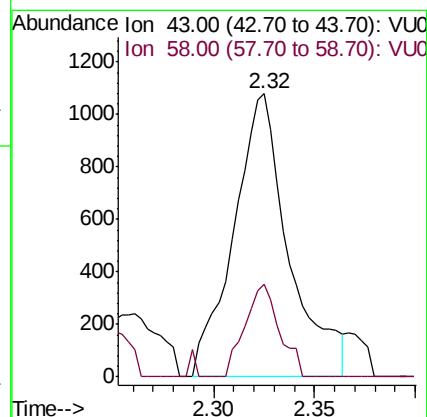
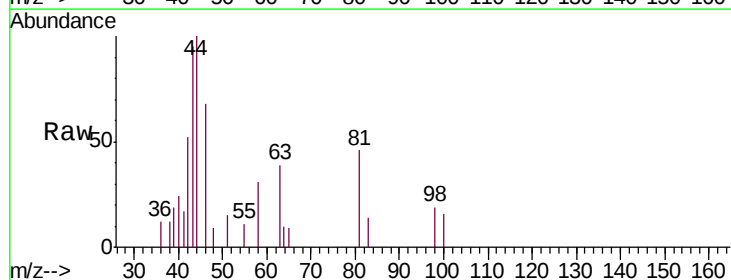
Acq: 22 Feb 2019 10:43

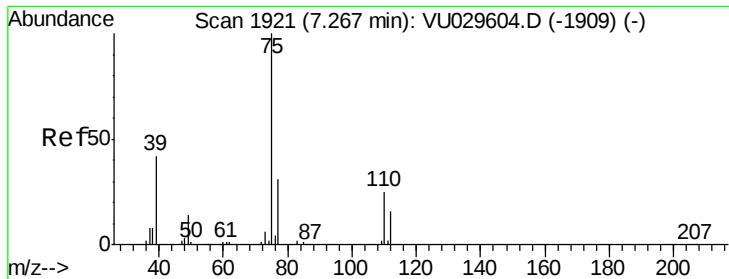
Tgt Ion: 43 Resp: 2059

Ion Ratio Lower Upper

43 100

58 19.7 0.0 66.8





#39

cis-1,3-Dichloropropene

Concen: 0.977 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

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Acq: 22 Feb 2019 10:43

Instrument :

MSVOA_U

ClientSampleId :

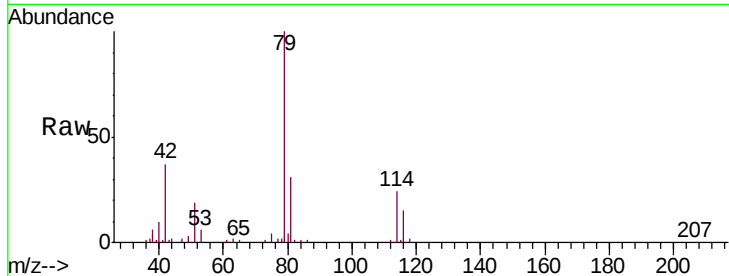
BF5Y8

Tgt Ion: 75 Resp: 5037

Ion Ratio Lower Upper

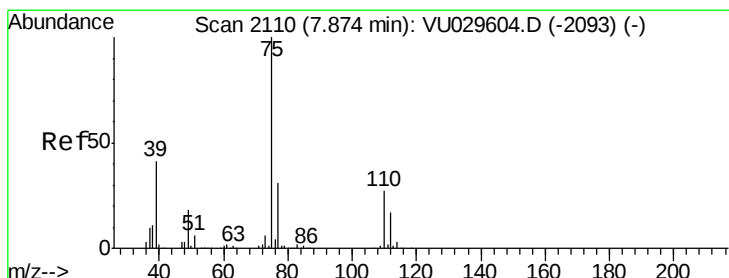
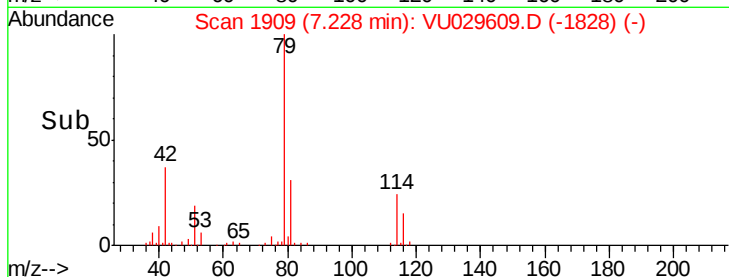
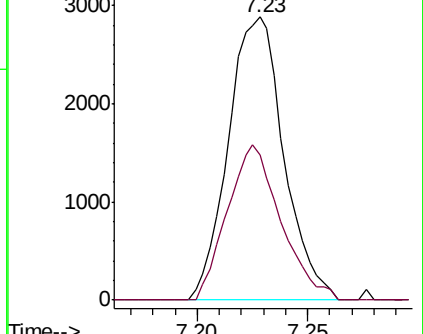
75 100

77 51.1 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.776 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029609.D

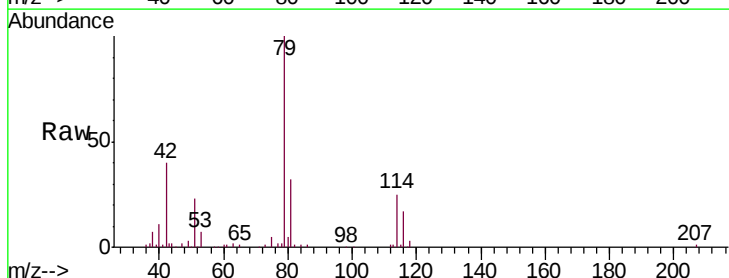
Acq: 22 Feb 2019 10:43

Tgt Ion: 75 Resp: 3770

Ion Ratio Lower Upper

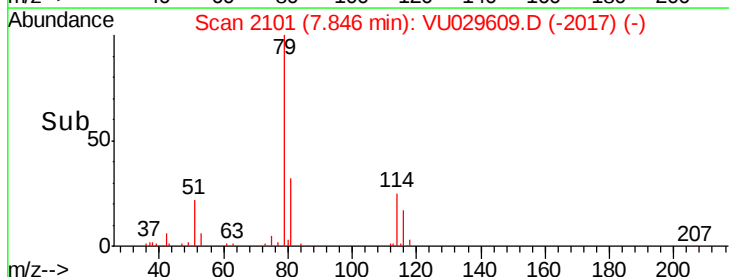
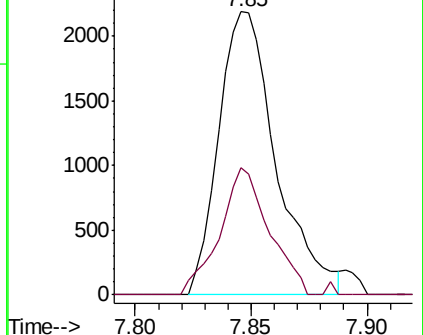
75 100

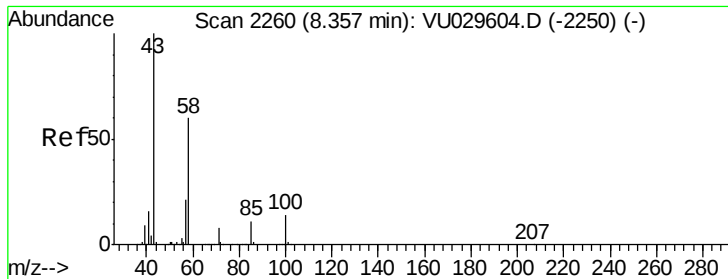
77 44.8 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

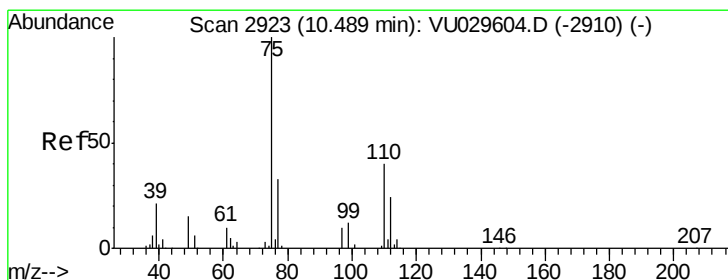
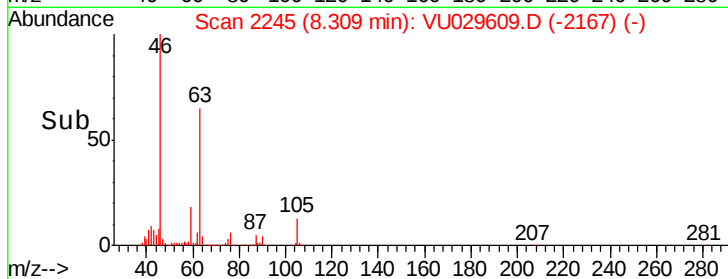
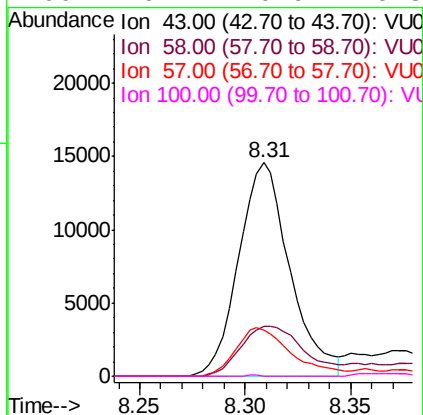
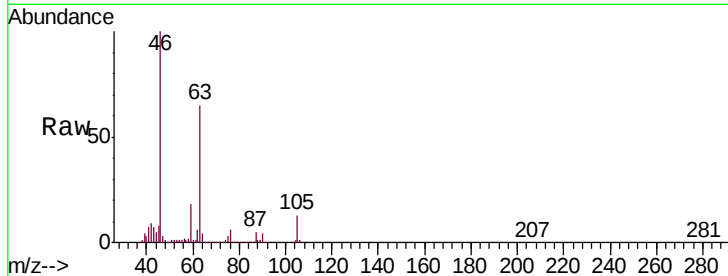




#48
 2-Hexanone
 Concen: 6.261 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029609.D
 Acq: 22 Feb 2019 10:43

Instrument :
 MSVOA_U
 ClientSampled :
 BF5Y8

Tgt Ion: 43 Resp: 24568
 Ion Ratio Lower Upper
 43 100
 58 28.9 46.4 69.6#
 57 24.8 15.7 23.5#
 100 0.2 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.821 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029609.D
 Acq: 22 Feb 2019 10:43

Tgt Ion: 75 Resp: 21958
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.7 38.5

