

Data File : VU029796.D
Acq On : 04 Mar 2019 20:22
Operator : JC/SP
Sample : K1661-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC85

Quant Time: Mar 05 01:32:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477747	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212588	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134847	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.04%
7) Chloroethane-d5	1.68	69	110559	35.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.04%
11) 1,1-Dichloroethene-d2	2.27	63	185057	27.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.08%#
21) 2-Butanone-d5	4.17	46	222719	104.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.54%
24) Chloroform-d	4.65	84	232003	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	5.31	65	142840	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.46%
32) Benzene-d6	5.34	84	500441	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
36) 1,2-Dichloropropane-d6	6.33	67	152656	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.16%
41) Toluene-d8	7.56	98	463292	38.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.98%#
43) trans-1,3-Dichloropropene-	7.85	79	69639	37.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.96%
47) 2-Hexanone-d5	8.31	63	190751	97.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	236176	39.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	184791	40.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.68%

Target Compounds

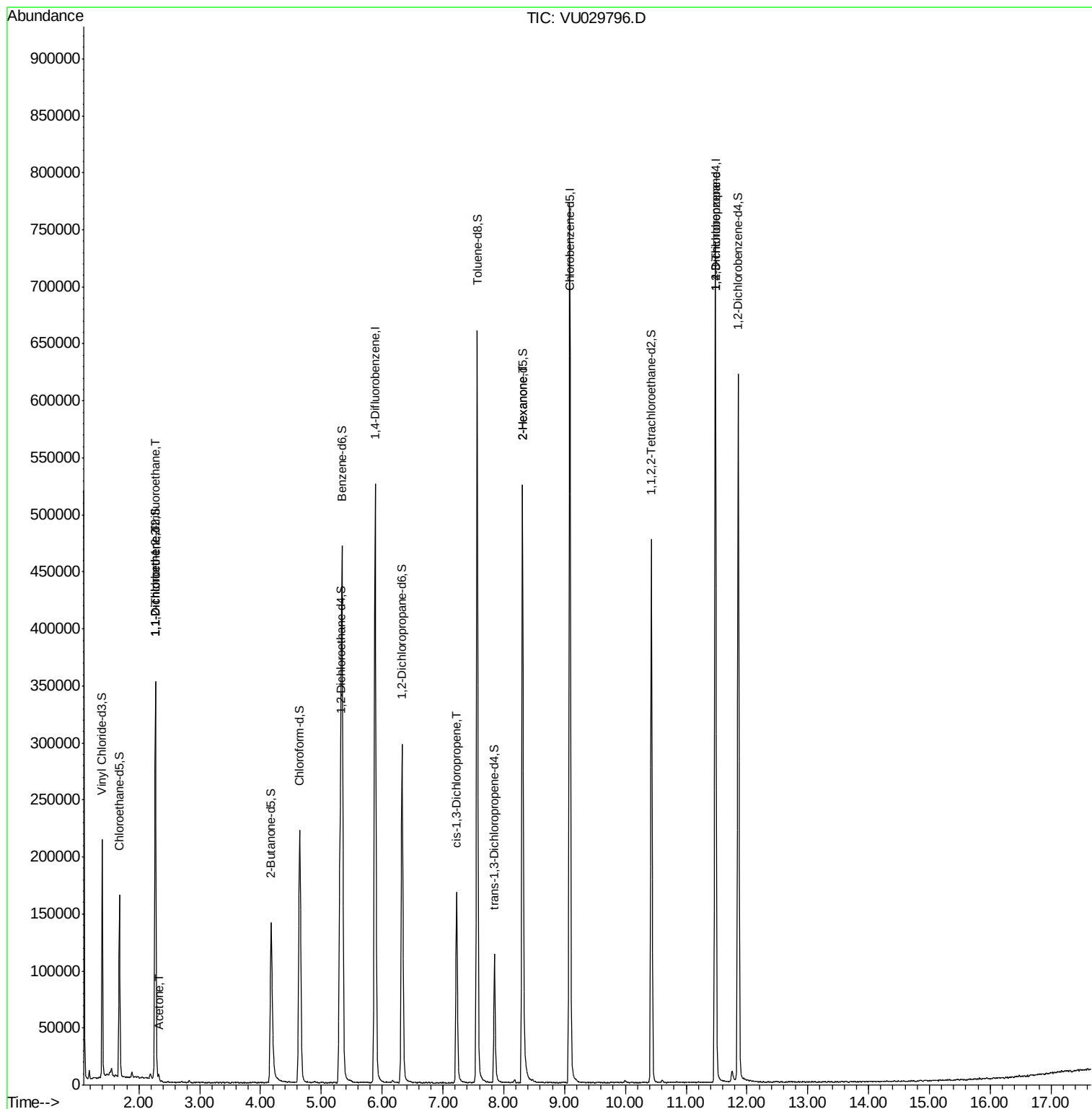
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2123	0.638	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1883	0.595	ug/L #	1
13) Acetone	2.32	43	3883	1.706	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	3911	0.778	ug/L #	69
48) 2-Hexanone	8.31	43	20069	5.246	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	21220	4.779	ug/L	91

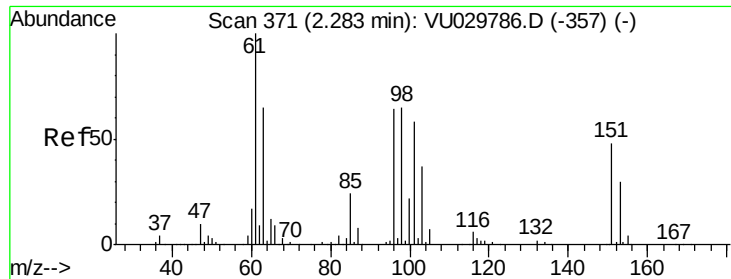
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.638 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BFC85

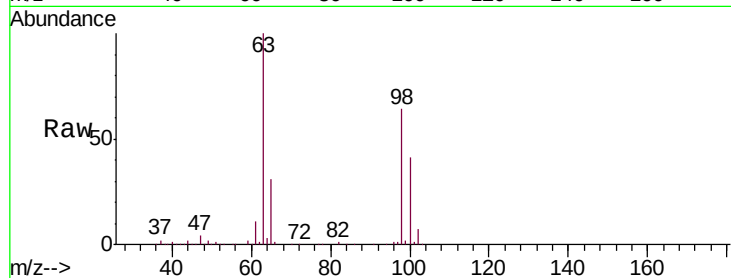
Tgt Ion: 101 Resp: 2123

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

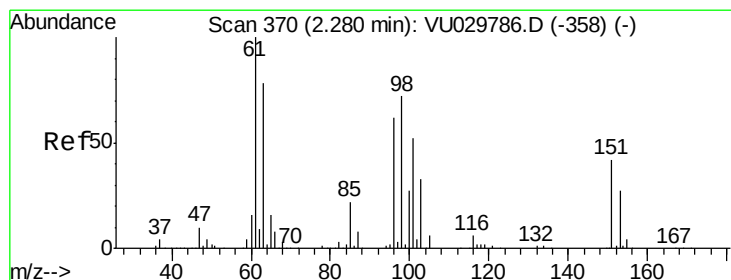
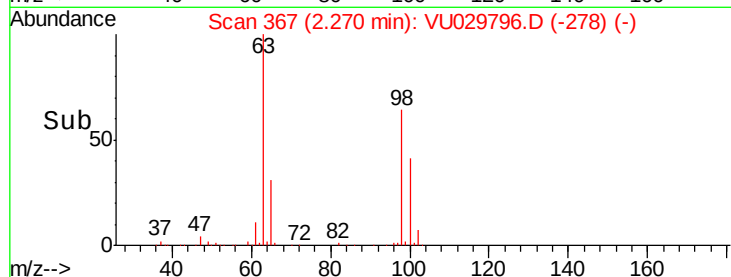
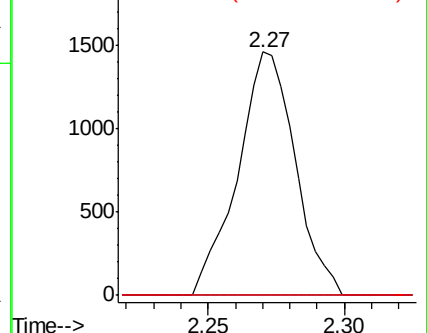
151 0.0 65.7 98.5#



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: 0.595 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029796.D

Acq: 04 Mar 2019 20:22

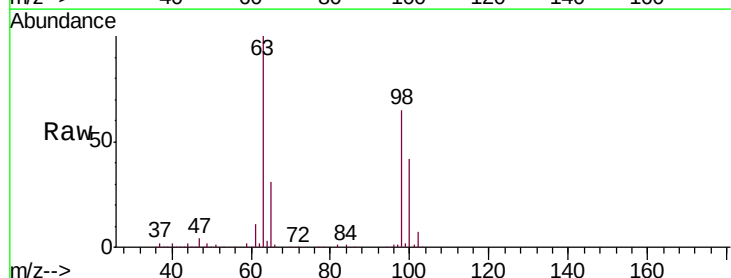
Tgt Ion: 96 Resp: 1883

Ion Ratio Lower Upper

96 100

61 961.4 114.0 211.8#

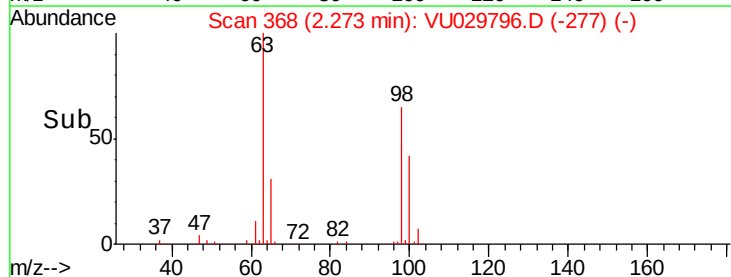
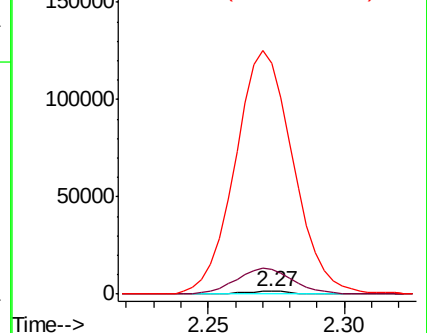
63 8939.5 98.7 183.3#

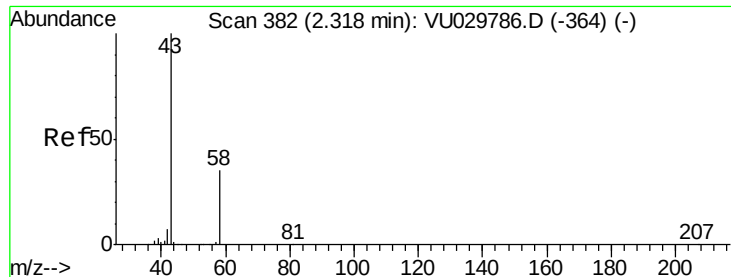


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.706 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029796.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_U

ClientSampleId :

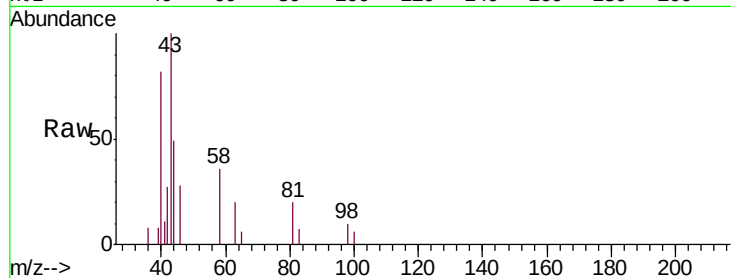
BFC85

Tgt Ion: 43 Resp: 3883

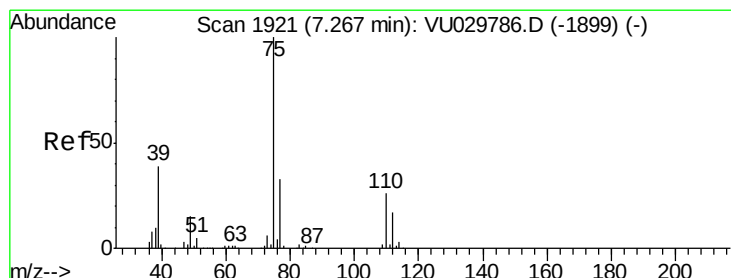
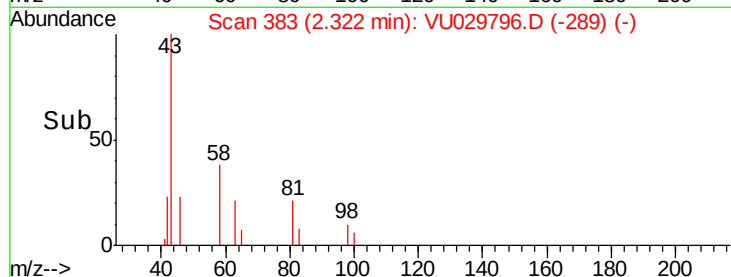
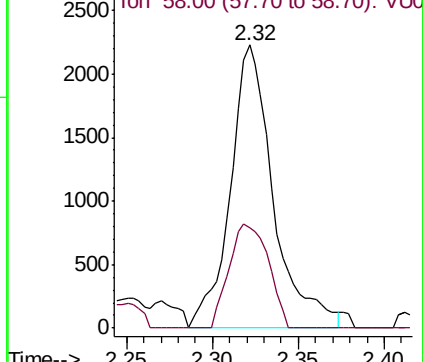
Ion Ratio Lower Upper

43 100

58 33.6 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029786.D (-364) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.778 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029796.D

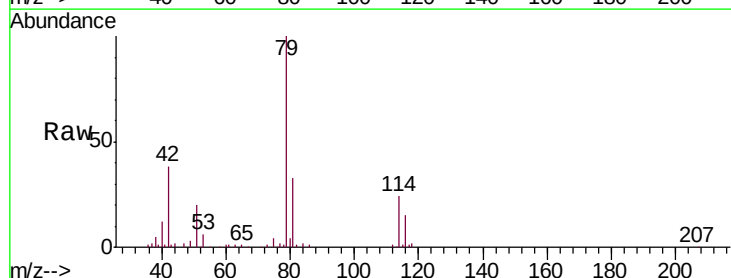
Acq: 04 Mar 2019 20:22

Tgt Ion: 75 Resp: 3911

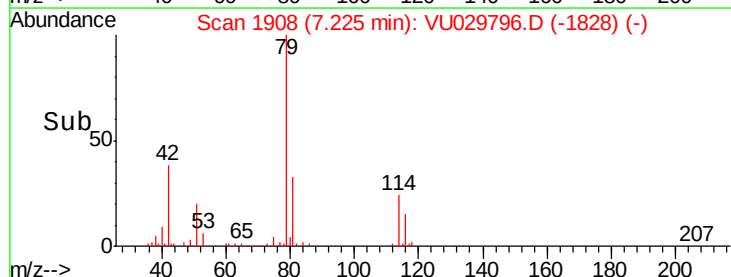
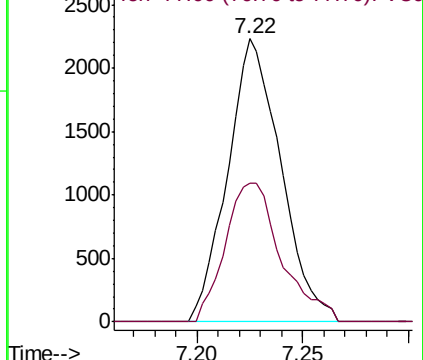
Ion Ratio Lower Upper

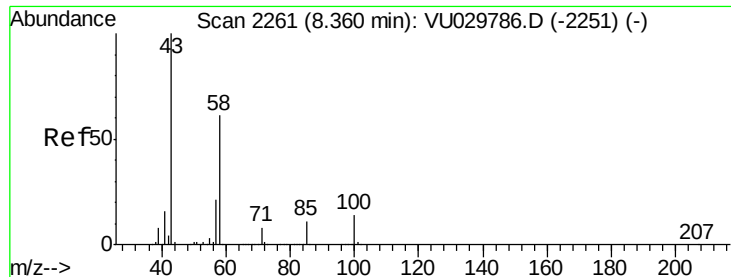
75 100

77 49.2 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU029786.D (-1899) (-)

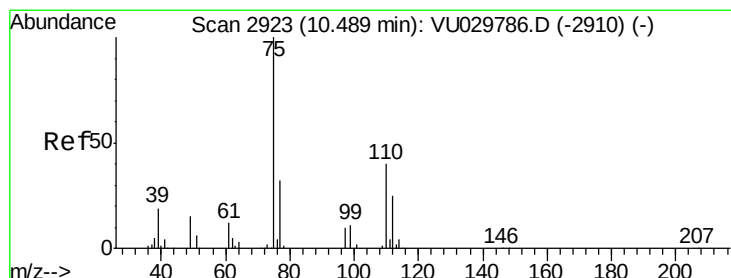
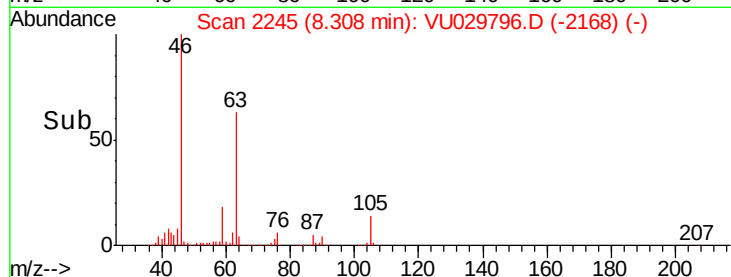
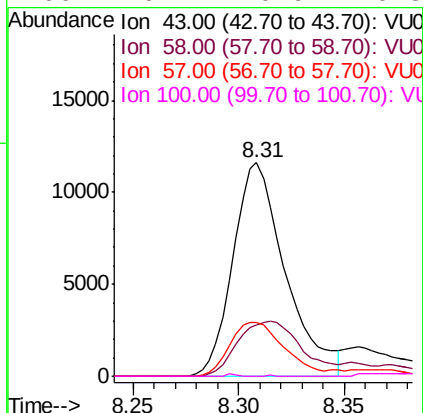
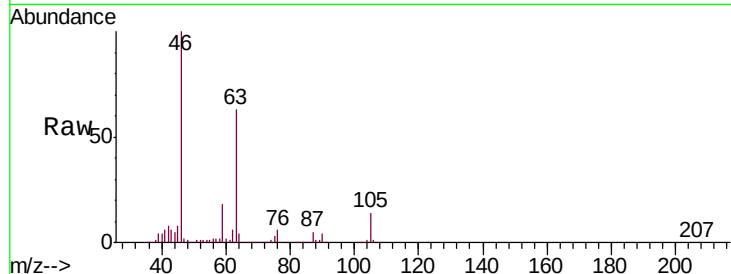




#48
 2-Hexanone
 Concen: 5.246 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029796.D
 Acq: 04 Mar 2019 20:22

Instrument :
 MSVOA_U
 ClientSampled :
 BFC85

Tgt Ion: 43 Resp: 20069
 Ion Ratio Lower Upper
 43 100
 58 31.3 46.4 69.6#
 57 26.1 15.7 23.5#
 100 0.2 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.779 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029796.D
 Acq: 04 Mar 2019 20:22

Tgt Ion: 75 Resp: 21220
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.7 38.5

