

Data File : VU029812.D
Acq On : 05 Mar 2019 10:37
Operator : JC/SP
Sample : K1661-13RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC75

Quant Time: Mar 06 00:44:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	479575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463719	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155877	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.72%
7) Chloroethane-d5	1.68	69	133595	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.52%
11) 1,1-Dichloroethene-d2	2.27	63	219719	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	4.17	46	291195	136.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.16%#
24) Chloroform-d	4.65	84	290269	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
26) 1,2-Dichloroethane-d4	5.31	65	178171	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.34	84	618313	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.98%
36) 1,2-Dichloropropane-d6	6.33	67	191030	54.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.84%
41) Toluene-d8	7.56	98	577728	48.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.04%
43) trans-1,3-Dichloropropene-	7.85	79	84962	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
47) 2-Hexanone-d5	8.31	63	260085	133.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.04%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300037	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	229878	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

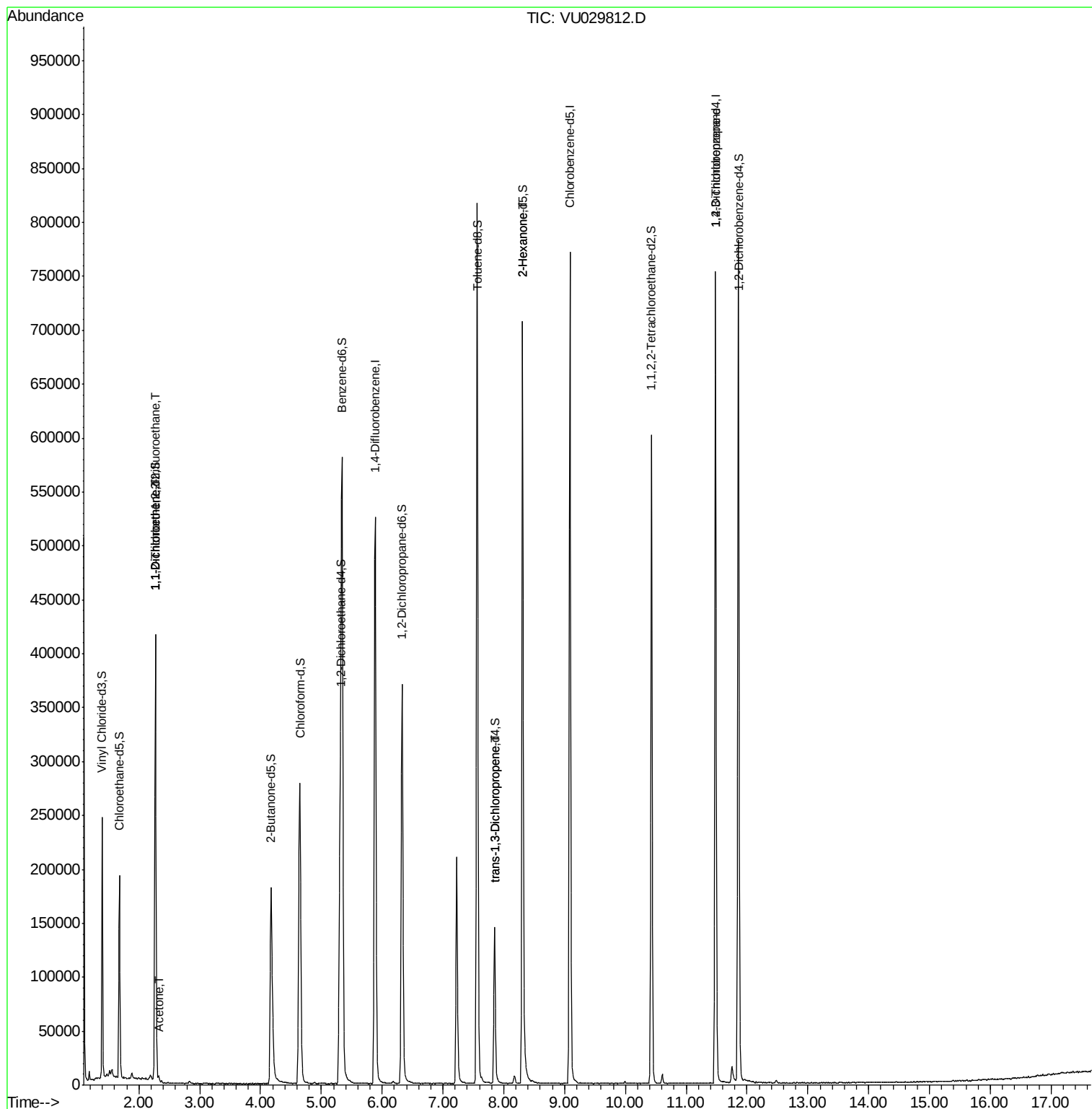
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2213	0.662	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1866	0.588	ug/L #	1
13) Acetone	2.32	43	3247	1.421	ug/L	100
44) trans-1,3-Dichloropropene	7.84	75	3401	0.717	ug/L	90
48) 2-Hexanone	8.31	43	26861	7.006	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	21630	4.861	ug/L	89

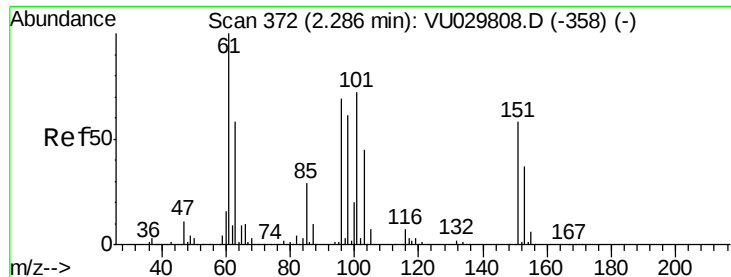
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.662 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Acq: 05 Mar 2019 10:37

Instrument :

MSVOA_U

ClientSampled :

BFC75

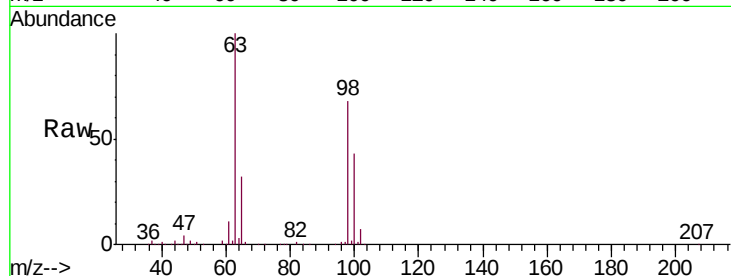
Tgt Ion:101 Resp: 2213

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

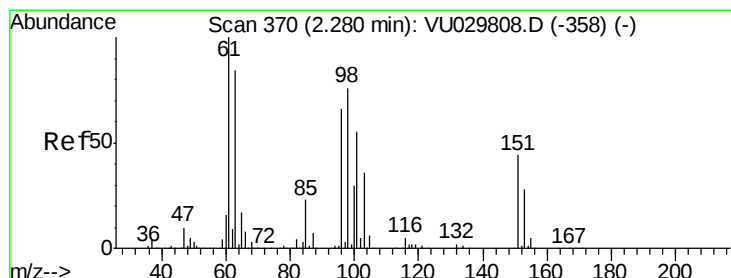
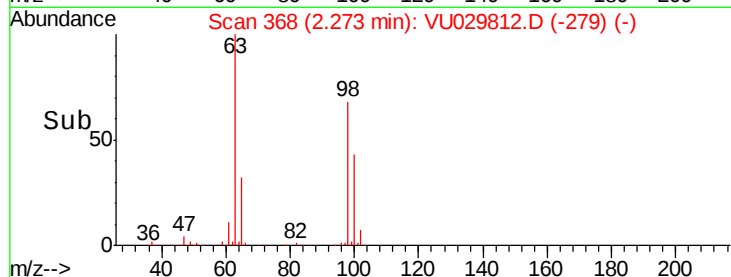
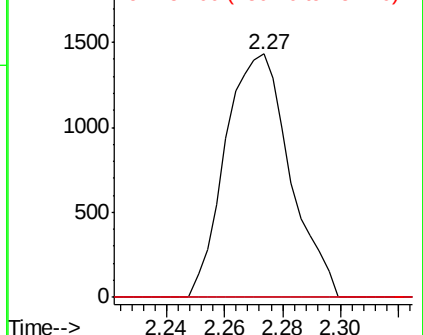
151 0.0 65.7 98.5#



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: 0.588 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029812.D

Acq: 05 Mar 2019 10:37

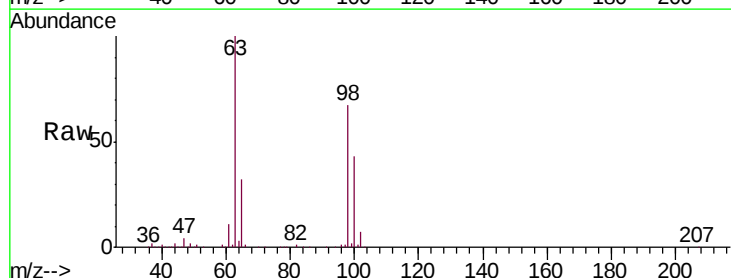
Tgt Ion: 96 Resp: 1866

Ion Ratio Lower Upper

96 100

61 1253.8 114.0 211.8#

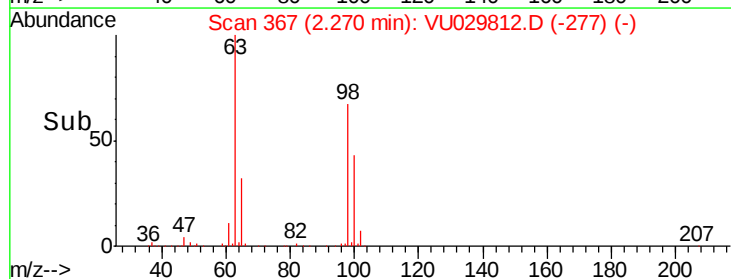
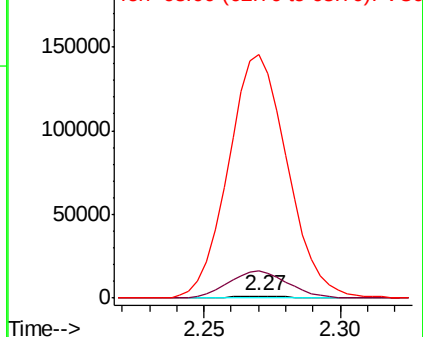
63 11404.5 98.7 183.3#

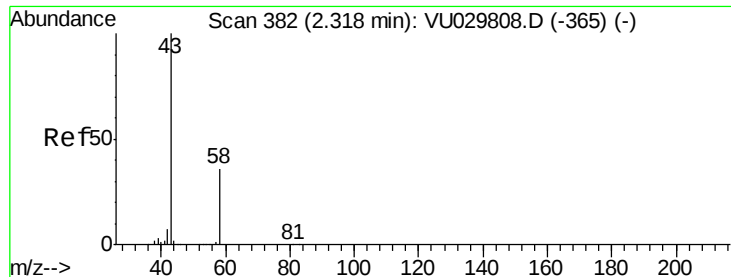


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.421 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

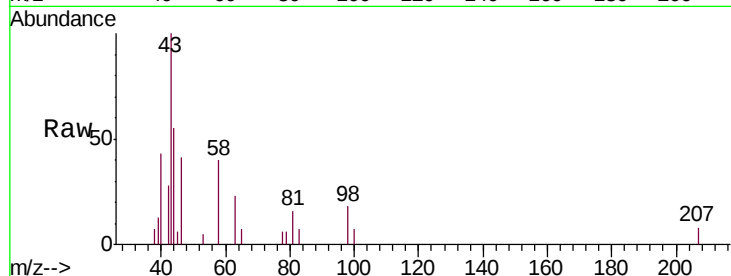
BFC75

Tgt Ion: 43 Resp: 3247

Ion Ratio Lower Upper

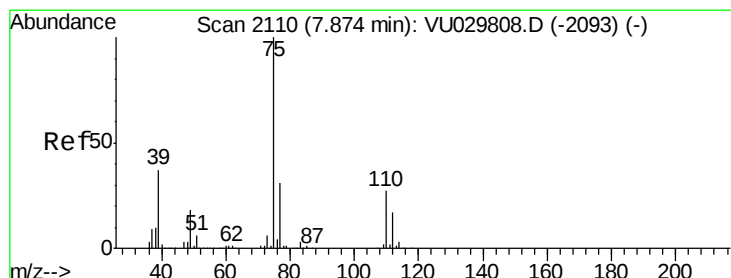
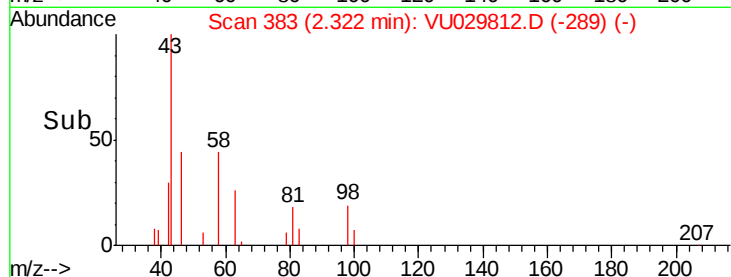
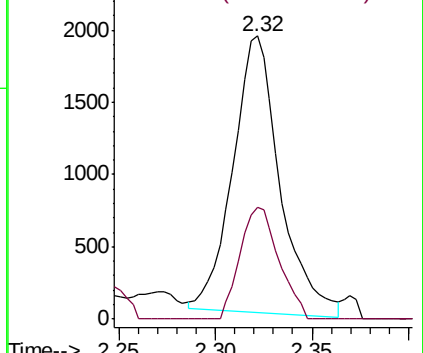
43 100

58 33.2 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.717 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU029812.D

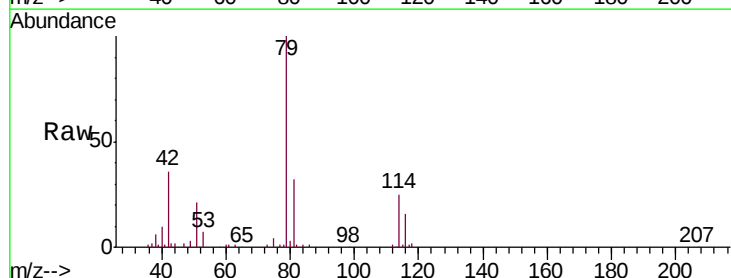
Acq: 05 Mar 2019 10:37

Tgt Ion: 75 Resp: 3401

Ion Ratio Lower Upper

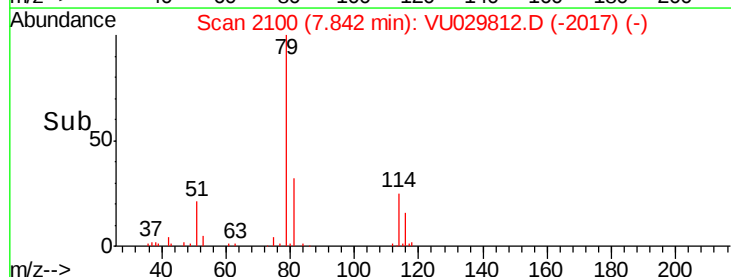
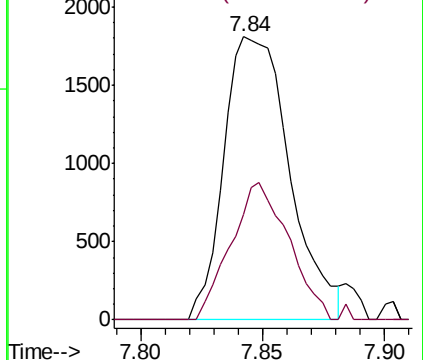
75 100

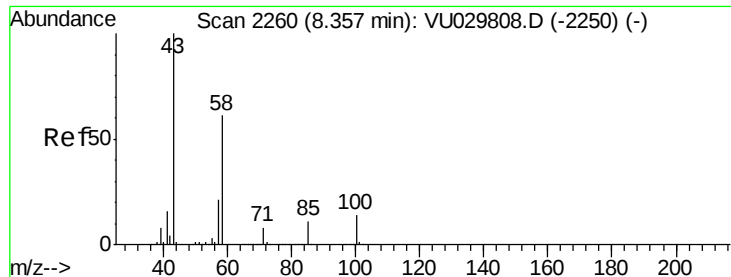
77 37.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

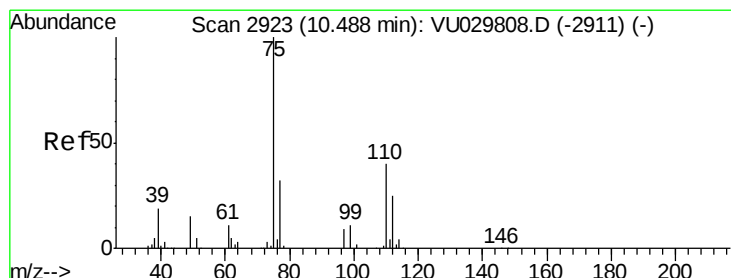
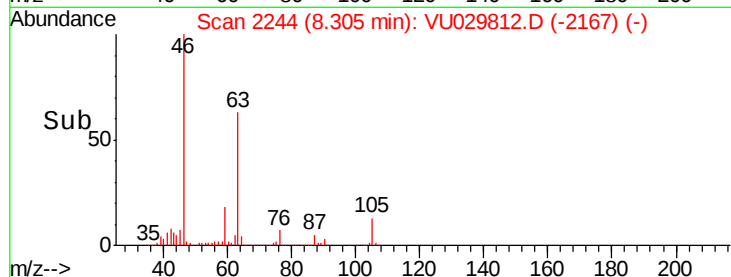
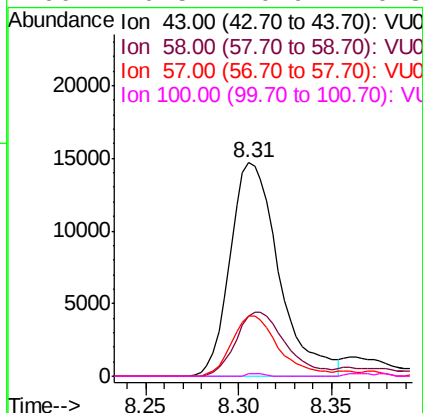
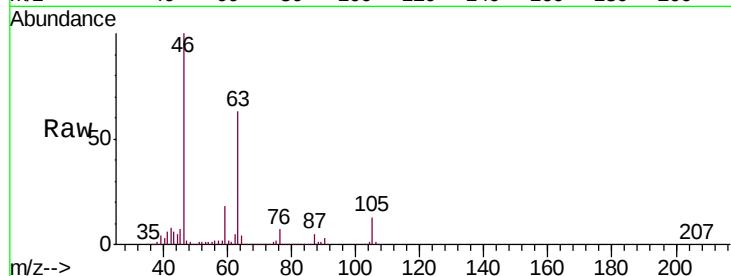




#48
 2-Hexanone
 Concen: 7.006 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
 Lab File: VU029812.D
 Acq: 05 Mar 2019 10:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC75

Tgt Ion: 43 Resp: 26861
 Ion Ratio Lower Upper
 43 100
 58 30.9 46.4 69.6#
 57 27.1 15.7 23.5#
 100 0.5 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.861 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029812.D
 Acq: 05 Mar 2019 10:37

Tgt Ion: 75 Resp: 21630
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.7 38.5

