

Data File : VU029626.D
Acq On : 22 Feb 2019 17:47
Operator : JC/SP
Sample : K1543-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y7

Quant Time: Feb 22 23:11:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	469911	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143117	41.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.12%
7) Chloroethane-d5	1.68	69	127665	41.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.27	63	196157	29.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.28%#
21) 2-Butanone-d5	4.17	46	248961	118.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.81%
24) Chloroform-d	4.65	84	263940	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.31	65	168273	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
32) Benzene-d6	5.34	84	560780	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.33	67	172190	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.58%
41) Toluene-d8	7.56	98	526821	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%
43) trans-1,3-Dichloropropene-	7.85	79	76839	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.46%
47) 2-Hexanone-d5	8.31	63	223833	118.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274212	47.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	216545	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

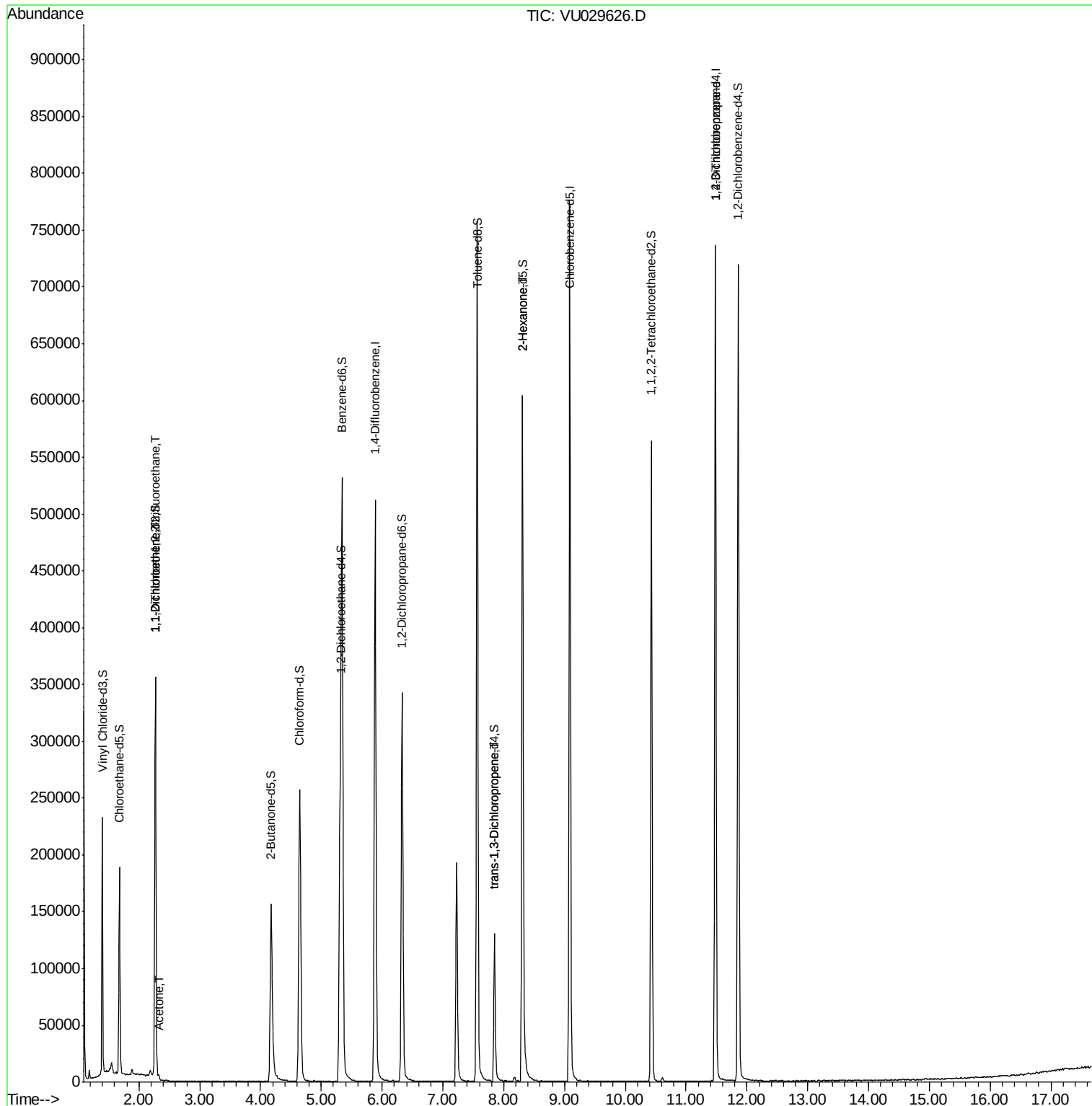
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1870	0.571	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1947	0.626	ug/L #	1
13) Acetone	2.32	43	1758	0.785	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	2929	0.639	ug/L #	77
48) 2-Hexanone	8.31	43	23445	6.332	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	21147	4.921	ug/L	94

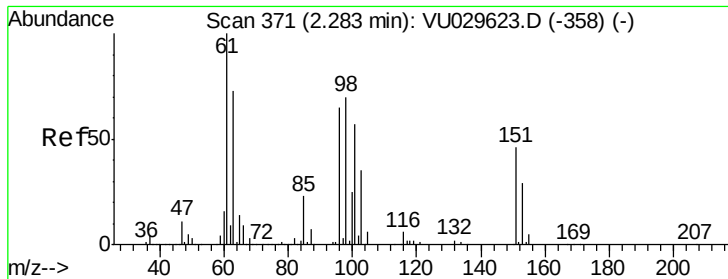
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.571 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

BF5Y7

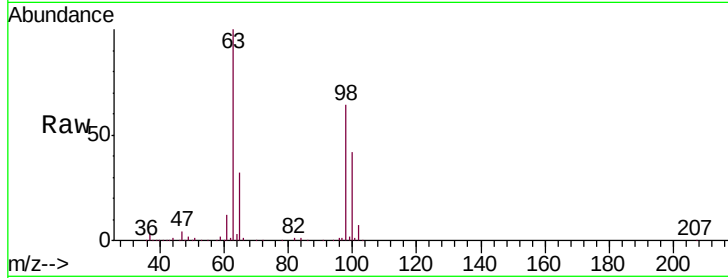
Tgt Ion: 101 Resp: 1870

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

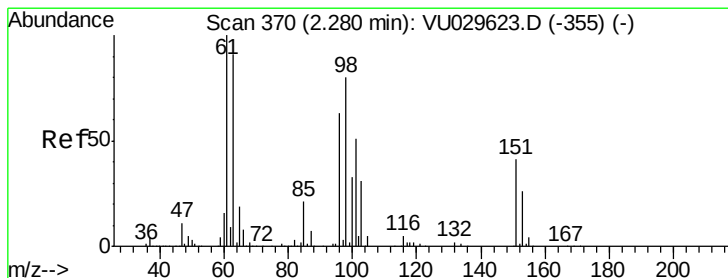
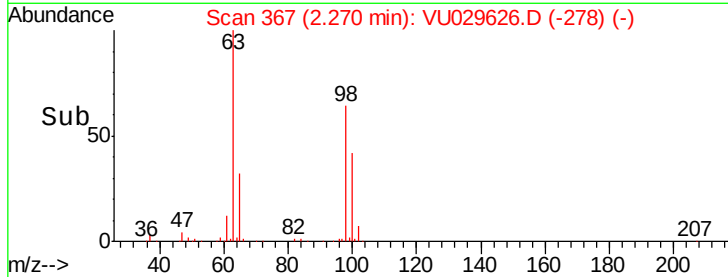
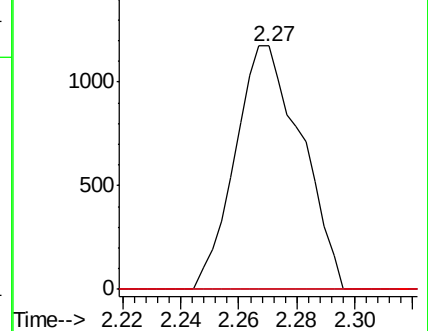
151 0.0 65.7 98.5#



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: 0.626 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029626.D

Acq: 22 Feb 2019 17:47

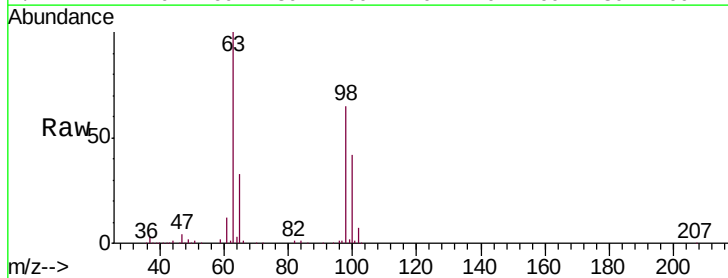
Tgt Ion: 96 Resp: 1947

Ion Ratio Lower Upper

96 100

61 1146.4 114.0 211.8#

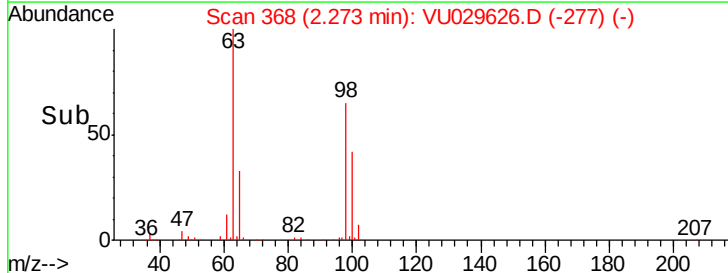
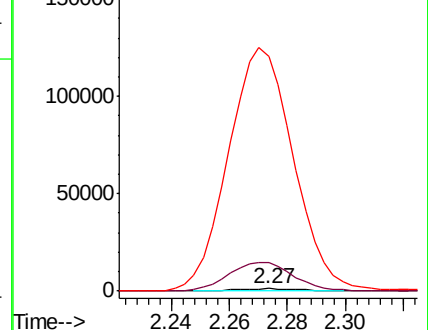
63 9500.5 98.7 183.3#

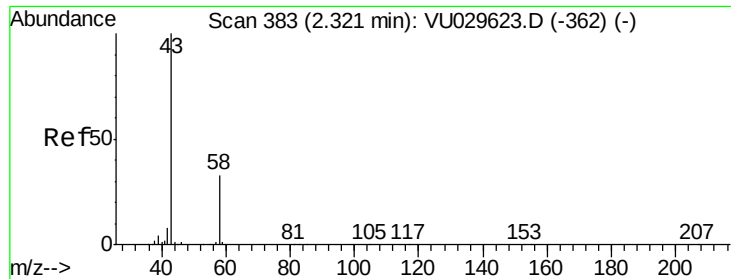


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.785 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

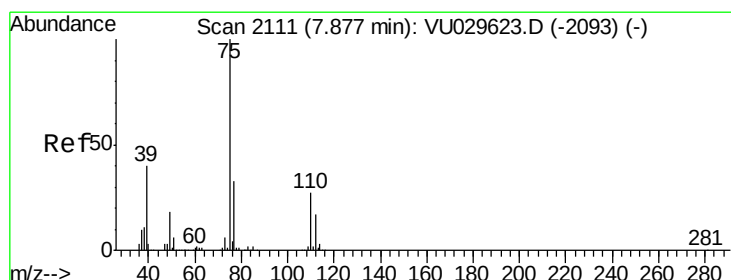
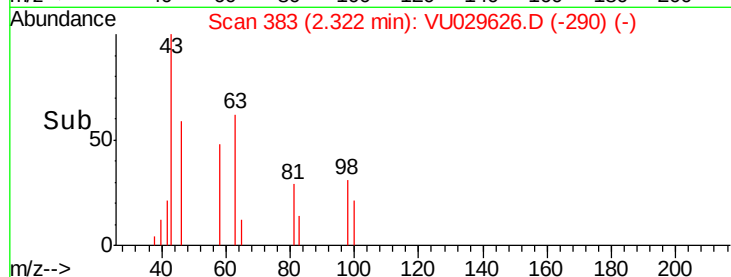
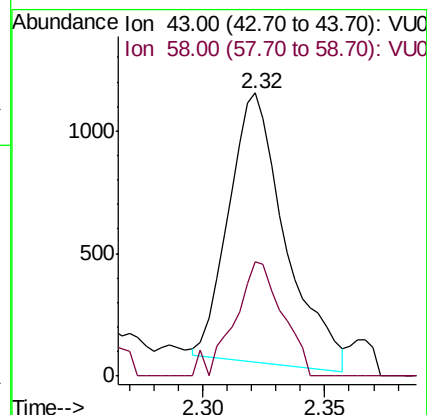
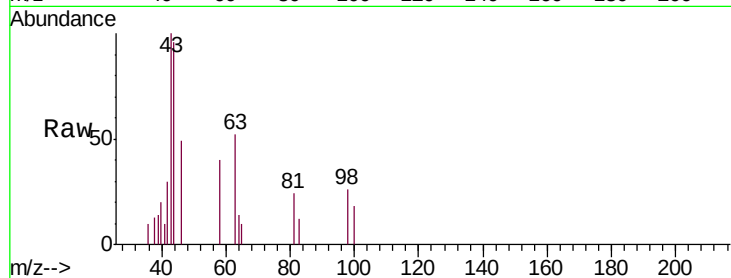
BF5Y7

Tgt Ion: 43 Resp: 1758

Ion Ratio Lower Upper

43 100

58 34.9 0.0 66.8



#44

trans-1,3-Dichloropropene

Concen: 0.639 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029626.D

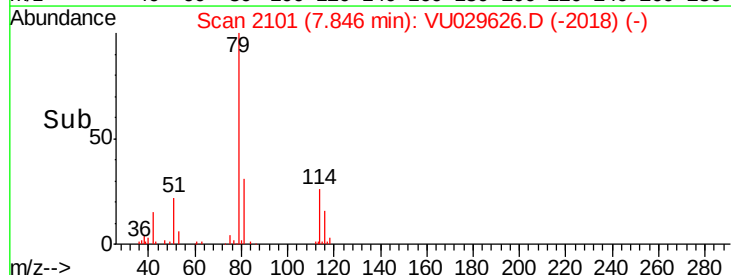
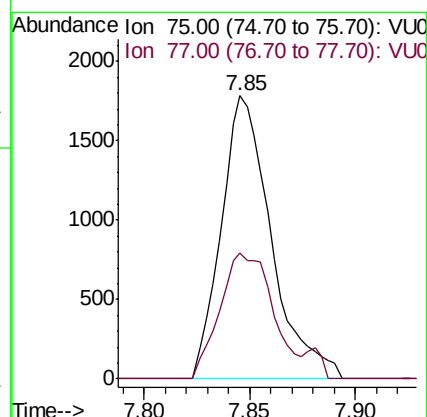
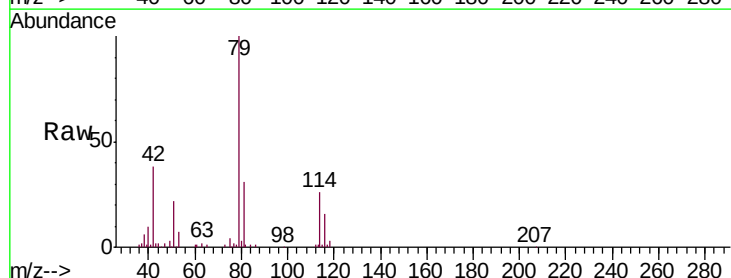
Acq: 22 Feb 2019 17:47

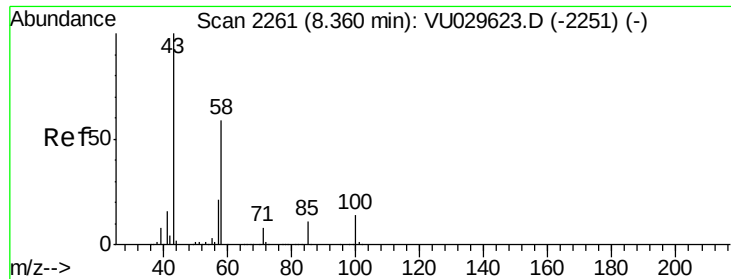
Tgt Ion: 75 Resp: 2929

Ion Ratio Lower Upper

75 100

77 44.3 22.1 41.1#

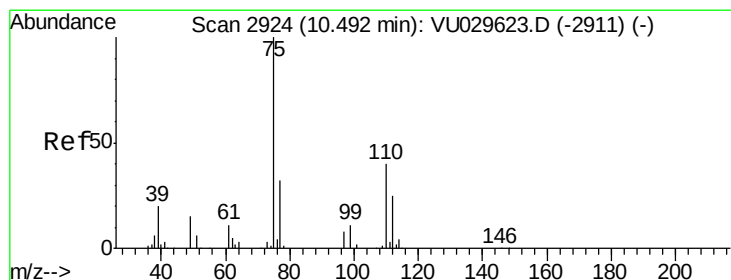
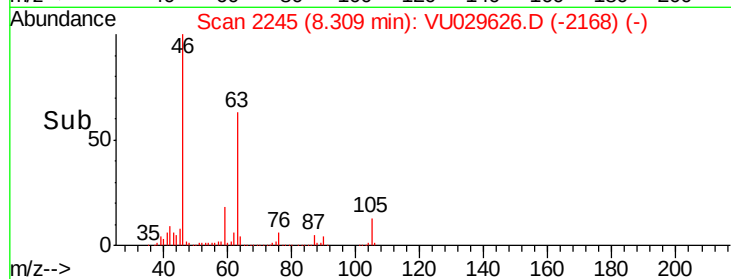
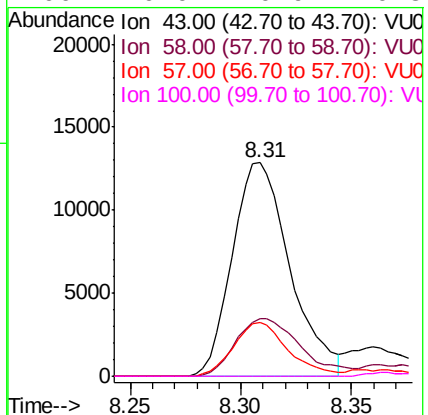
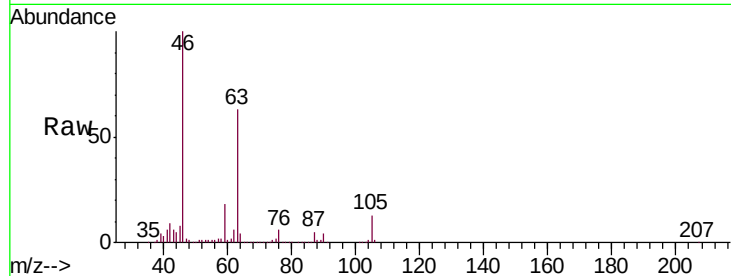




#48
 2-Hexanone
 Concen: 6.332 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029626.D
 Acq: 22 Feb 2019 17:47

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Y7

Tgt Ion: 43 Resp: 23445
 Ion Ratio Lower Upper
 43 100
 58 30.3 46.4 69.6#
 57 23.8 15.7 23.5#
 100 0.0 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.921 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029626.D
 Acq: 22 Feb 2019 17:47

Tgt Ion: 75 Resp: 21147
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.7 38.5

