

Data File : VU027644.D
Acq On : 12 Oct 2018 23:32
Operator : MD/SY
Sample : J5405-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Y4

Quant Time: Oct 13 04:11:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	172396	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157125	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56694	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52934	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.04%
7) Chloroethane-d5	1.68	69	43624	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.48%
11) 1,1-Dichloroethene-d2	2.27	63	75274	29.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.16%#
21) 2-Butanone-d5	4.18	46	105565	96.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.38%
24) Chloroform-d	4.65	84	99939	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.10%
26) 1,2-Dichloroethane-d4	5.31	65	68931	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
32) Benzene-d6	5.34	84	195589	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
36) 1,2-Dichloropropane-d6	6.33	67	69175	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.70%
41) Toluene-d8	7.57	98	154435	38.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.74%#
43) trans-1,3-Dichloropropene-	7.85	79	28104	37.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.62%
47) 2-Hexanone-d5	8.31	63	67394	86.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91046	45.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	48846	44.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.08%

Target Compounds

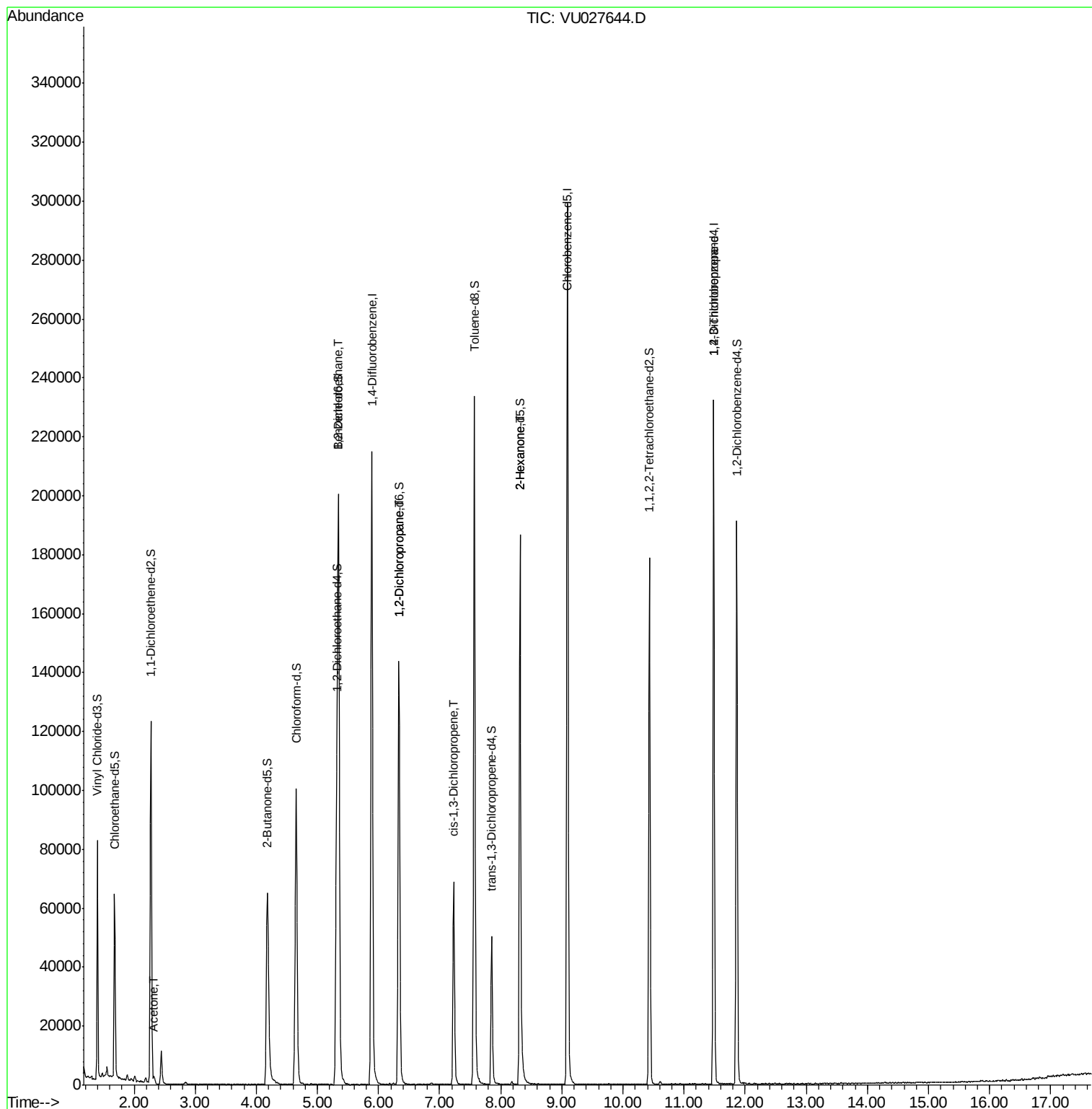
					Qvalue
13) Acetone	2.32	43	1519	1.691 ug/L	74
27) 1,2-Dichloroethane	5.35	62	1189	0.602 ug/L #	75
37) 1,2-Dichloropropane	6.33	63	7311	4.887 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1371	0.624 ug/L #	48
48) 2-Hexanone	8.31	43	8381	4.845 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	7846	4.633 ug/L	92

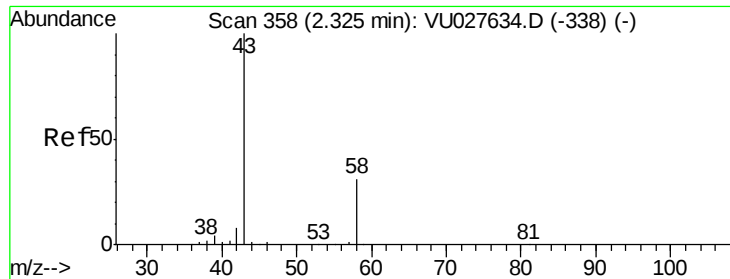
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.691 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027644.D

Acq: 12 Oct 2018 23:32

Instrument :

MSVOA_U

ClientSampled :

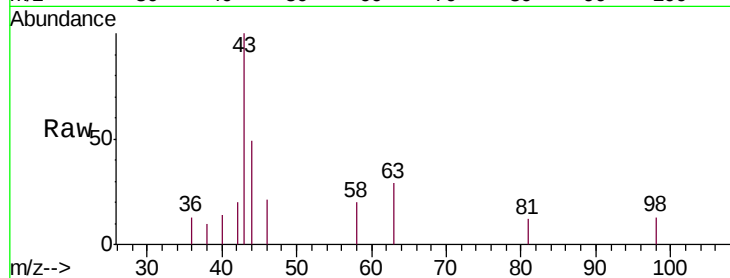
C08Y4

Tgt Ion: 43 Resp: 1519

Ion Ratio Lower Upper

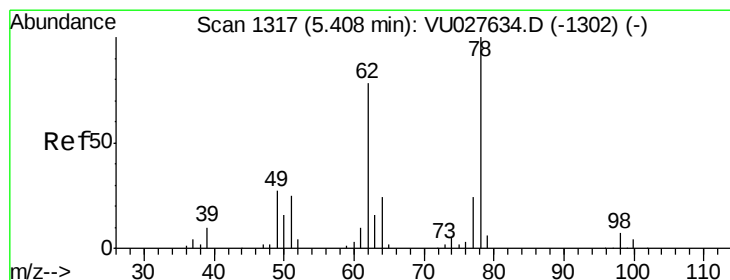
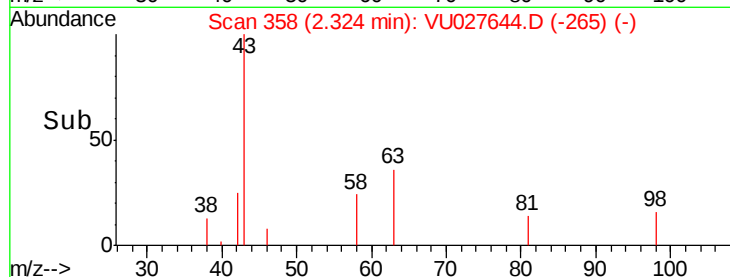
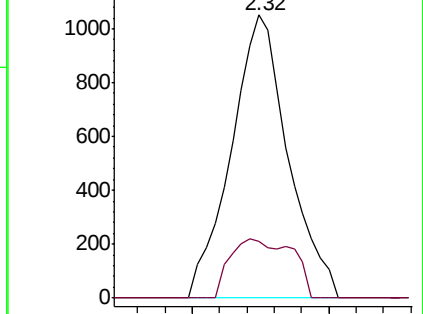
43 100

58 16.3 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027634.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU027634.D (-338) (-)



#27

1,2-Dichloroethane

Concen: 0.602 ug/L

RT: 5.35 min Scan# 1299

Delta R.T. -0.06 min

Lab File: VU027644.D

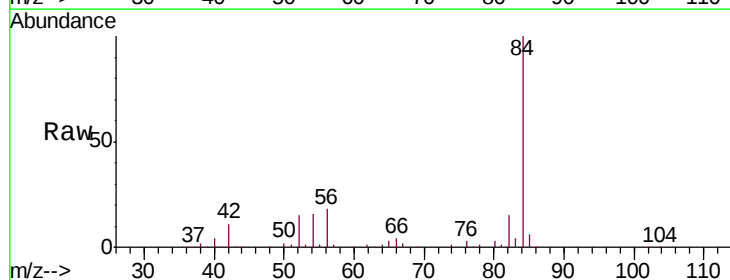
Acq: 12 Oct 2018 23:32

Tgt Ion: 62 Resp: 1189

Ion Ratio Lower Upper

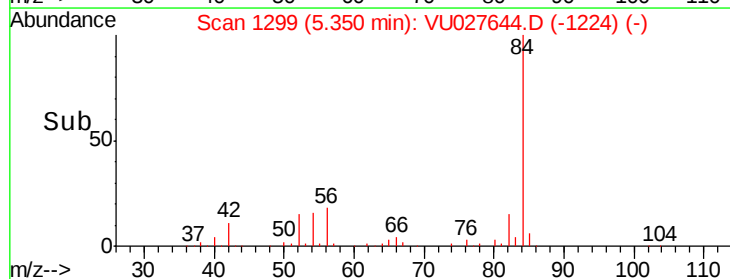
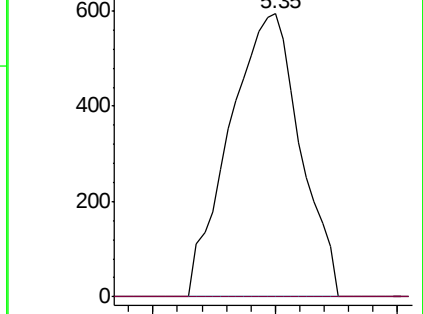
62 100

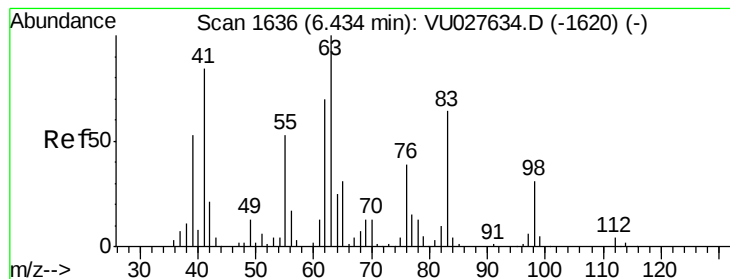
98 0.0 7.1 10.7#



Abundance Ion 62.00 (61.70 to 62.70): VU027634.D (-1302) (-)

Ion 98.00 (97.70 to 98.70): VU027634.D (-1302) (-)





#37

1,2-Dichloropropane

Concen: 4.887 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU027644.D

Acq: 12 Oct 2018 23:32

Instrument :

MSVOA_U

ClientSampleId :

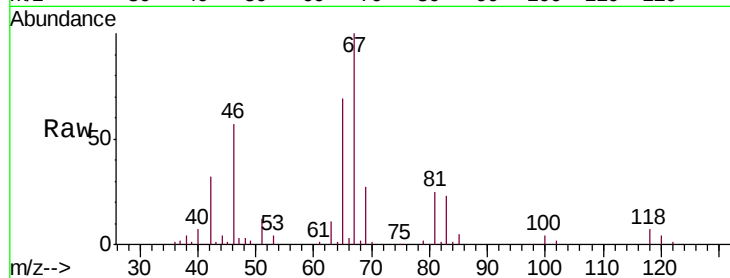
C08Y4

Tgt Ion: 63 Resp: 7311

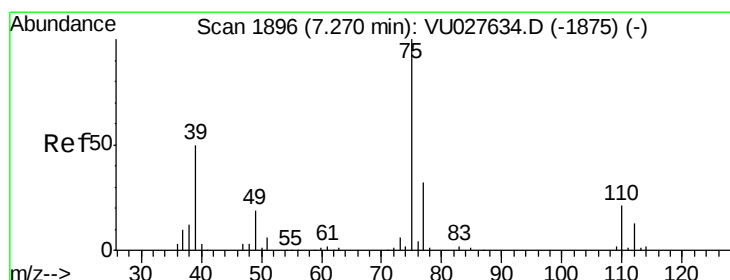
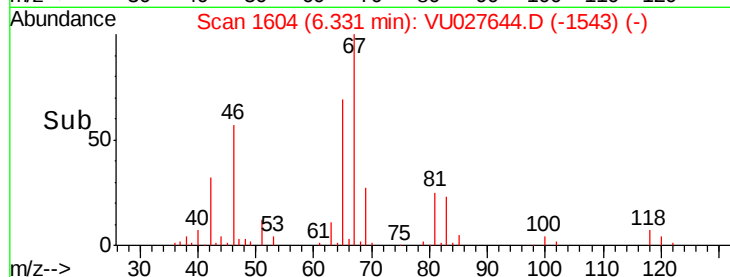
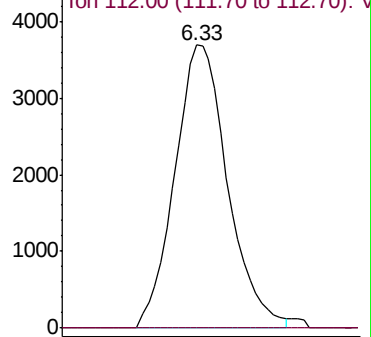
Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU027634.D (-1620) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.624 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU027644.D

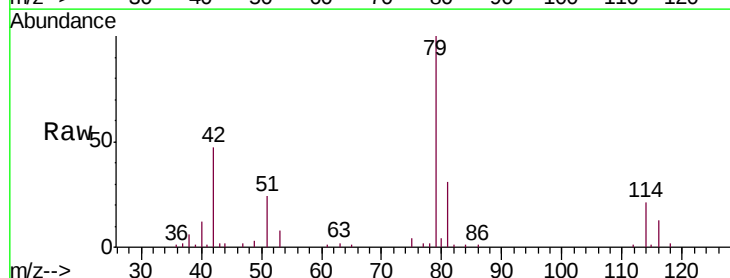
Acq: 12 Oct 2018 23:32

Tgt Ion: 75 Resp: 1371

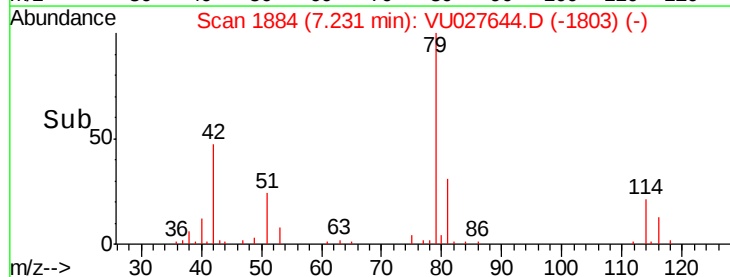
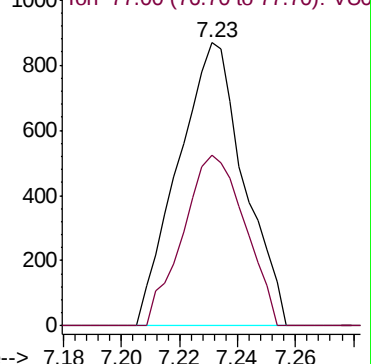
Ion Ratio Lower Upper

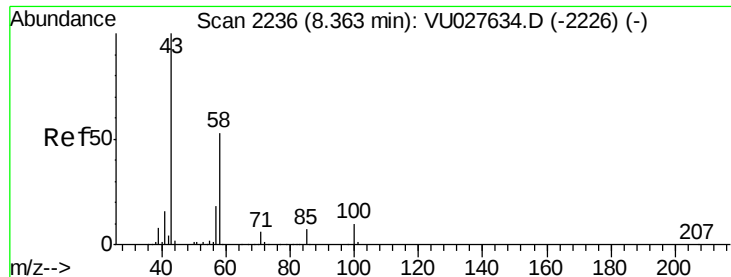
75 100

77 60.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU027634.D (-1875) (-)

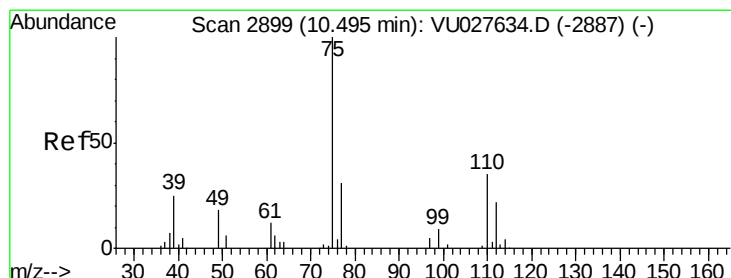
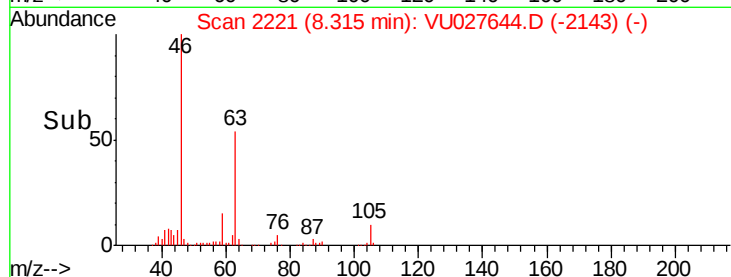
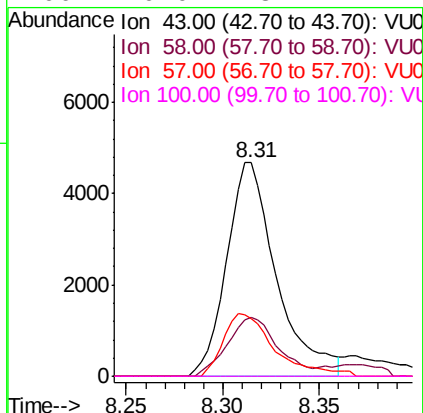
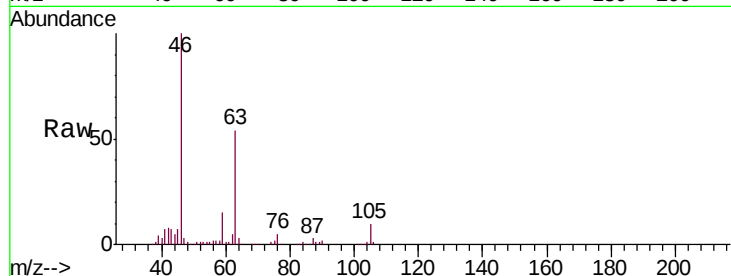




#48
 2-Hexanone
 Concen: 4.845 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU027644.D
 Acq: 12 Oct 2018 23:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Y4

Tgt Ion: 43 Resp: 8381
 Ion Ratio Lower Upper
 43 100
 58 27.9 42.7 64.1#
 57 29.6 14.5 21.7#
 100 0.0 8.2 12.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.633 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027644.D
 Acq: 12 Oct 2018 23:32

Tgt Ion: 75 Resp: 7846
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.7 38.5

