

Data File : VU030169.D
Acq On : 18 Mar 2019 13:22
Operator : JC/SP
Sample : K1939-15DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B4DL

Quant Time: Mar 19 02:28:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130593	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.04%
7) Chloroethane-d5	1.68	69	120134	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.66%
11) 1,1-Dichloroethene-d2	2.27	63	190113	30.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.34%
21) 2-Butanone-d5	4.17	46	272074	105.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.73%
24) Chloroform-d	4.65	84	277360	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.31	65	170351	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
32) Benzene-d6	5.34	84	575262	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.33	67	189738	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.98%
41) Toluene-d8	7.56	98	506030	40.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.92%
43) trans-1,3-Dichloropropene-	7.85	79	84291	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
47) 2-Hexanone-d5	8.31	63	221783	98.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299403	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	222250	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

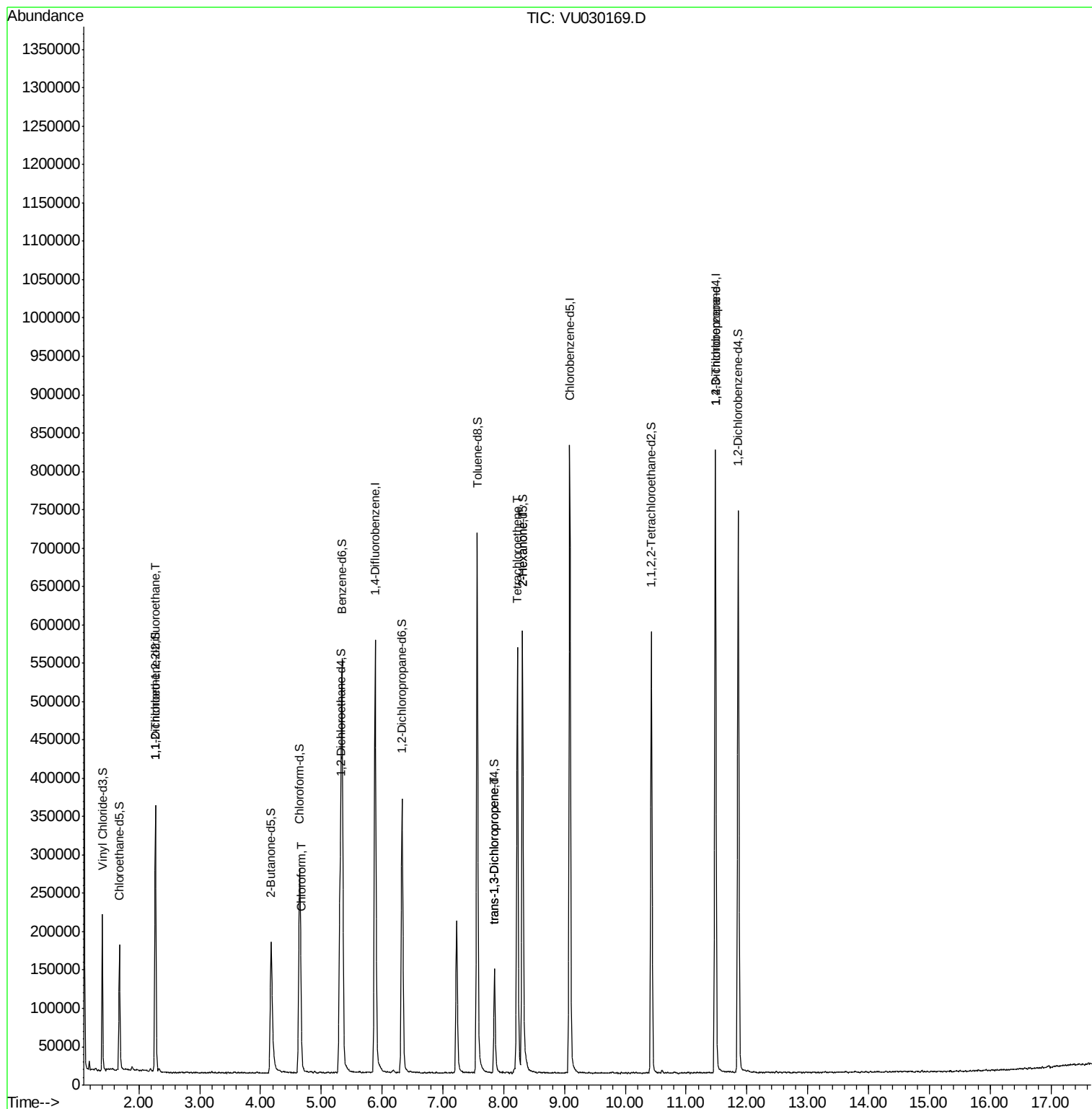
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2083	0.611	ug/L #	20
25) Chloroform	4.67	83	5572	0.872	ug/L	81
44) trans-1,3-Dichloropropene	7.85	75	3214	0.586	ug/L	95
46) Tetrachloroethene	8.22	164	139655	41.515	ug/L	99
48) 2-Hexanone	8.31	43	21403	4.816	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	23270	4.631	ug/L	92

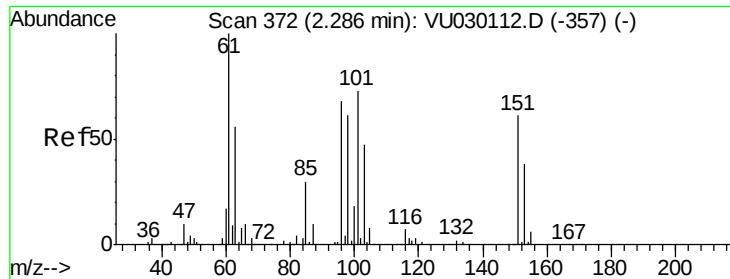
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.611 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

BF1B4DL

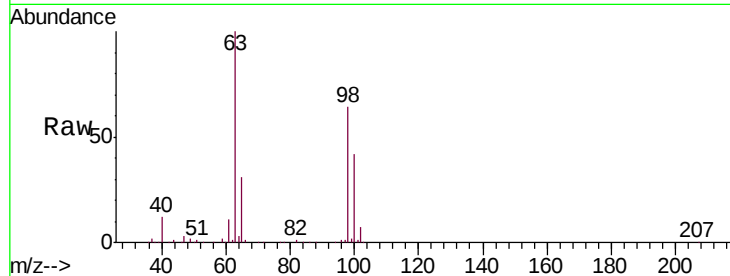
Tgt Ion:101 Resp: 2083

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

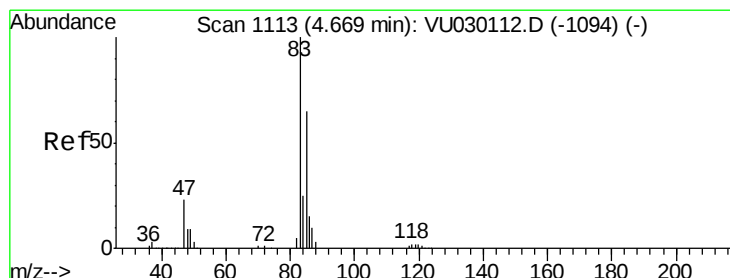
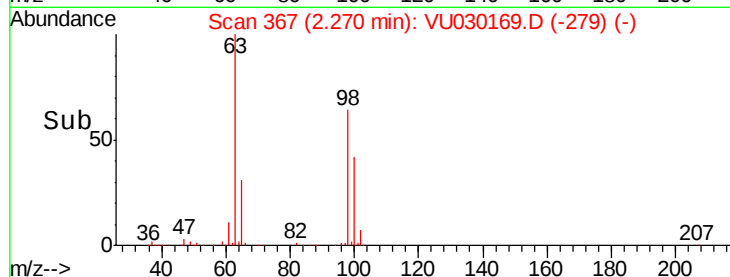
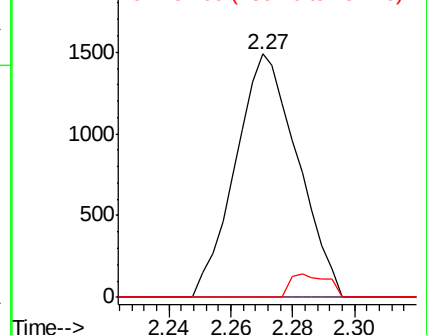
151 4.6 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.872 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

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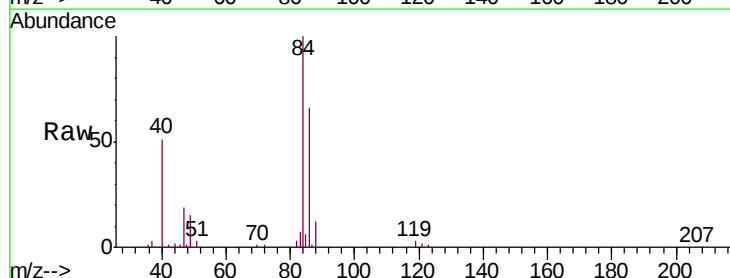
Acq: 18 Mar 2019 13:22

Tgt Ion: 83 Resp: 5572

Ion Ratio Lower Upper

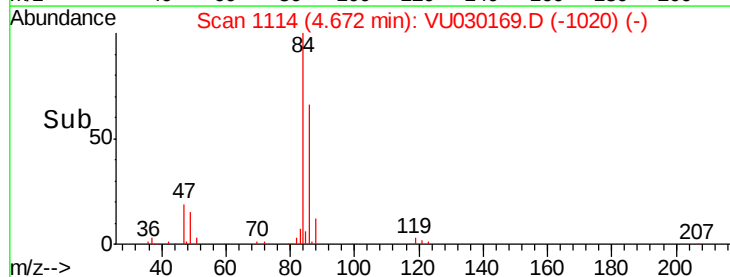
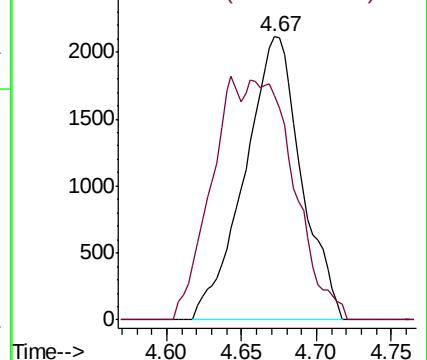
83 100

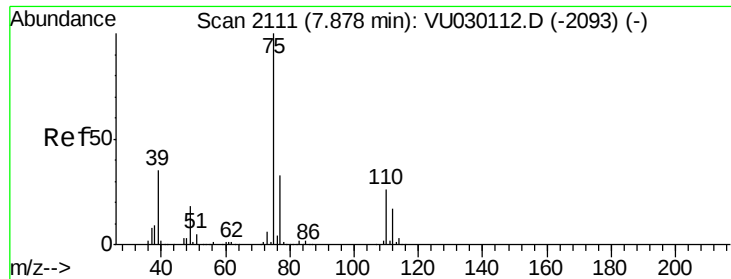
85 79.2 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.586 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030169.D

Acq: 18 Mar 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

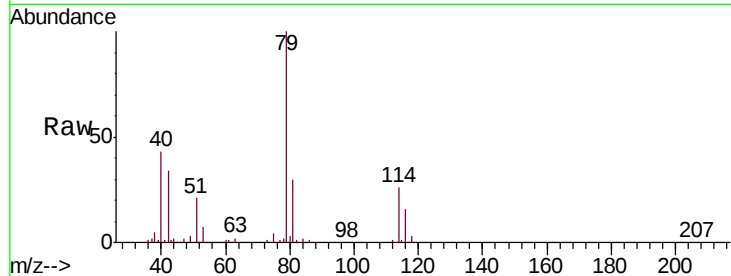
BF1B4DL

Tgt Ion: 75 Resp: 3214

Ion Ratio Lower Upper

75 100

77 28.4 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030112.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030112.D (-2093) (-)

7.85

2000

1500

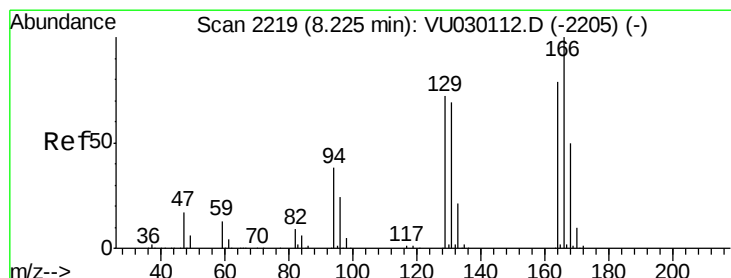
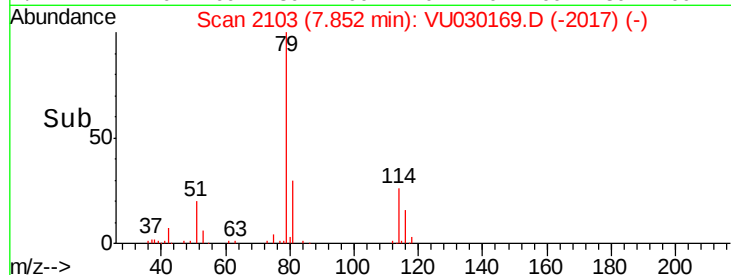
1000

500

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 41.515 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030169.D

Acq: 18 Mar 2019 13:22

Tgt Ion: 164 Resp: 139655

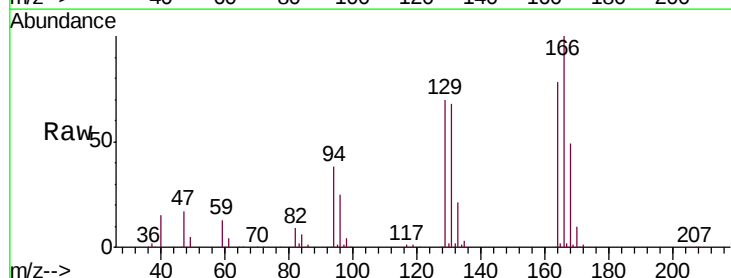
Ion Ratio Lower Upper

164 100

129 90.9 63.3 117.7

131 87.5 62.0 115.2

166 128.9 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030112.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU030112.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU030112.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU030112.D (-2205) (-)

150000

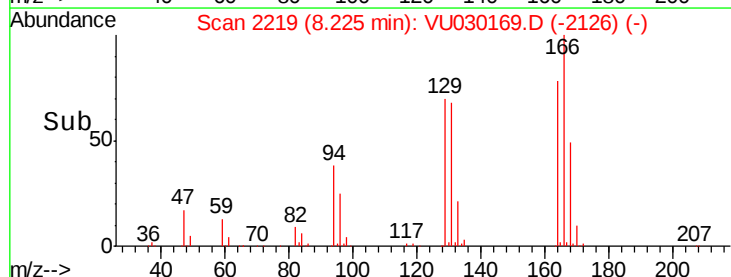
100000

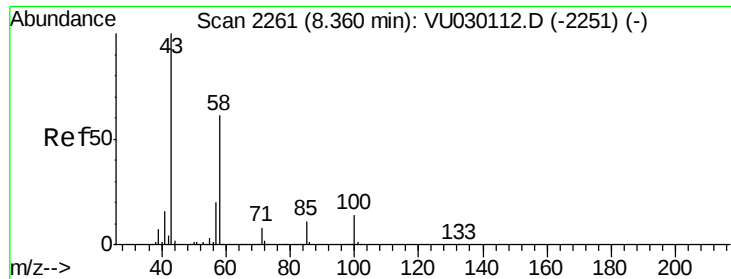
50000

0

8.20 8.22 8.30

Time-->

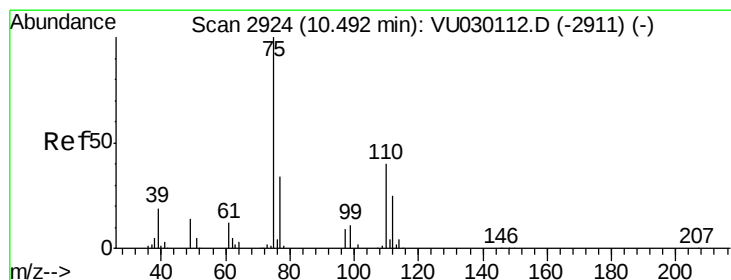
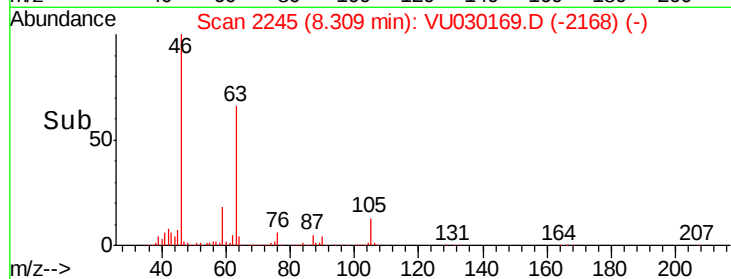
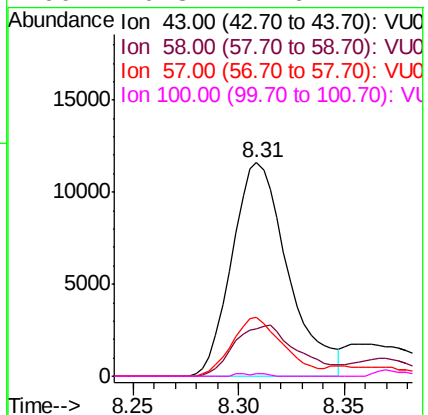
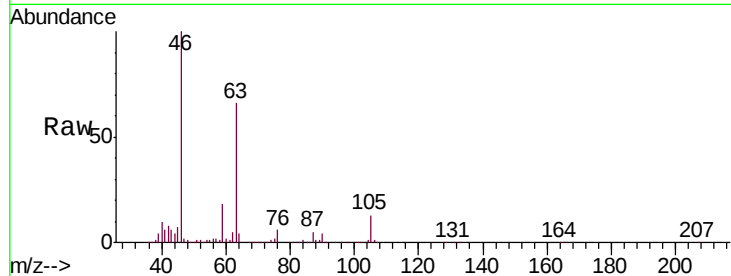




#48
 2-Hexanone
 Concen: 4.816 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030169.D
 Acq: 18 Mar 2019 13:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B4DL

Tgt Ion: 43 Resp: 21403
 Ion Ratio Lower Upper
 43 100
 58 27.3 48.6 72.8#
 57 25.2 16.1 24.1#
 100 0.3 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.631 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030169.D
 Acq: 18 Mar 2019 13:22

Tgt Ion: 75 Resp: 23270
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.8 38.8

