

Data File : VU030600.D
Acq On : 31 Mar 2019 19:07
Operator : JC/SP
Sample : K2166-15ME
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0M5ME

Quant Time: Apr 01 02:12:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463544	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459377	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	140953	37.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.56%
7) Chloroethane-d5	1.64	69	111779	37.80	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	2.33	63	176	0.02	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.19	46	304848	86.93	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.93%
24) Chloroform-d	4.64	84	267214	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.14%
26) 1,2-Dichloroethane-d4	5.30	65	187831	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
32) Benzene-d6	5.33	84	560499	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
36) 1,2-Dichloropropane-d6	6.32	67	199179	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.38%
41) Toluene-d8	7.56	98	494793	41.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.64%
43) trans-1,3-Dichloropropene-	7.85	79	85585	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.76%
47) 2-Hexanone-d5	8.32	63	217616	89.10	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310026	48.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	193396	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

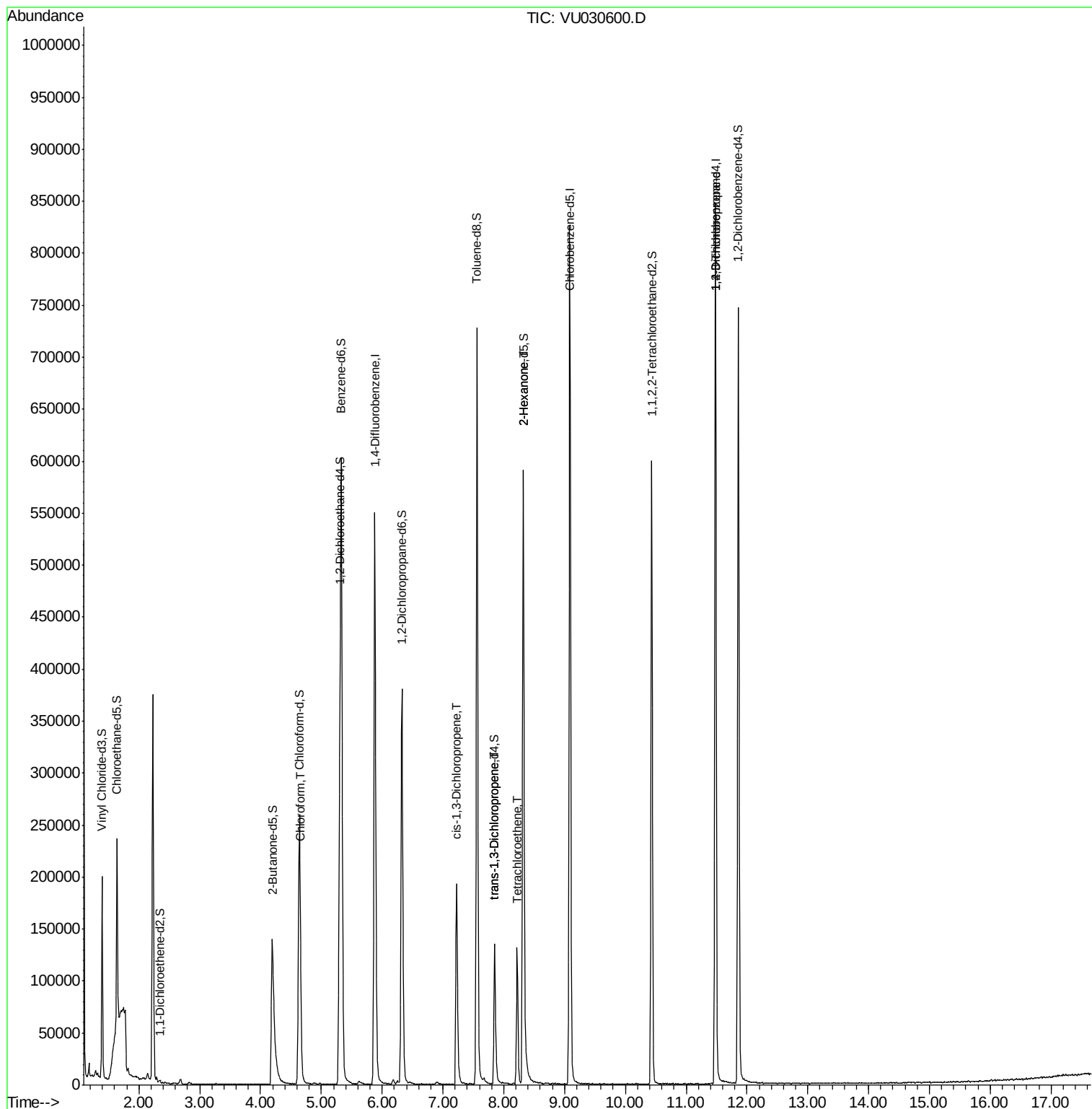
						Qvalue
25) Chloroform	4.66	83	9815	1.446	ug/L	84
39) cis-1,3-Dichloropropene	7.23	75	5109	0.801	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	3532	0.629	ug/L	89
46) Tetrachloroethene	8.22	164	29127	10.848	ug/L	99
48) 2-Hexanone	8.32	43	27125	4.440	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	28098	5.202	ug/L	90

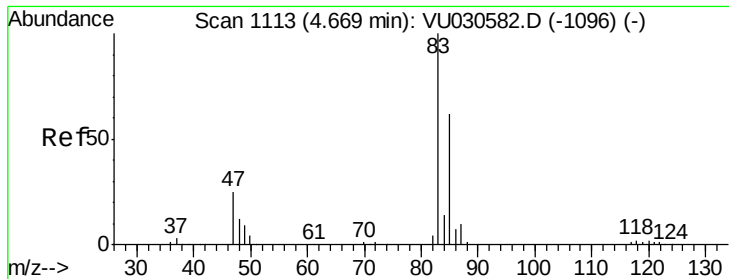
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration





#25

Chloroform

Concen: 1.446 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VU030600.D

Acq: 31 Mar 2019 19:07

Instrument :

MSVOA_U

ClientSampleId :

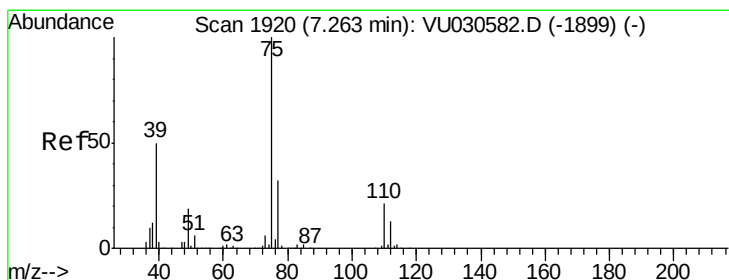
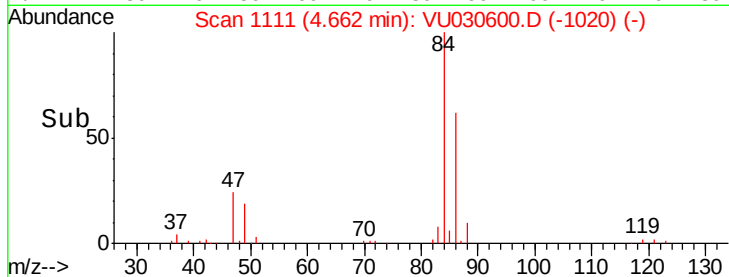
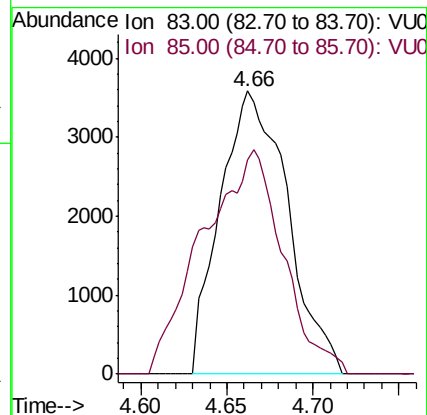
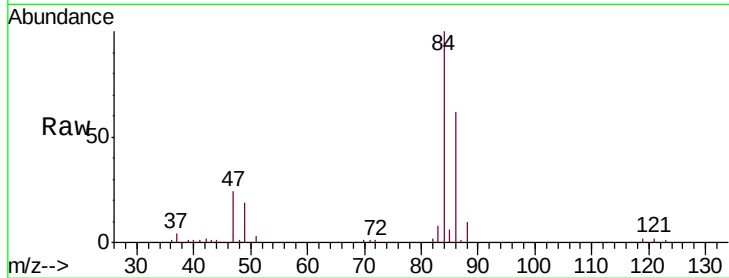
BF0M5ME

Tgt Ion: 83 Resp: 9815

Ion Ratio Lower Upper

83 100

85 75.7 44.4 82.4



#39

cis-1,3-Dichloropropene

Concen: 0.801 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030600.D

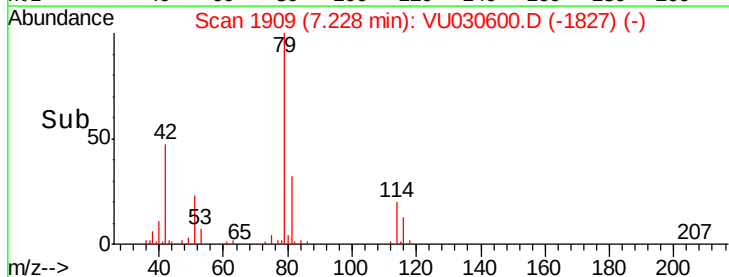
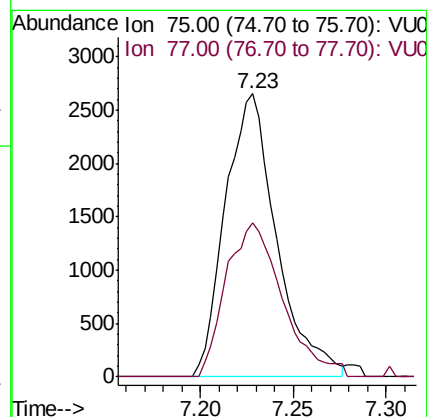
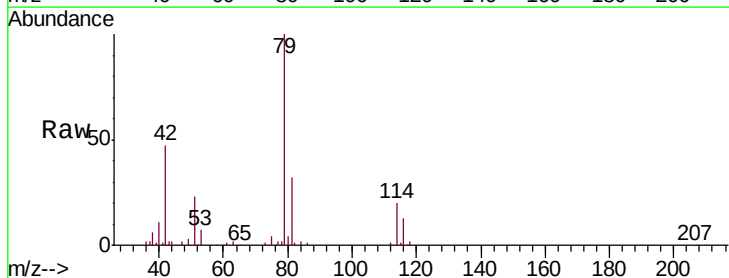
Acq: 31 Mar 2019 19:07

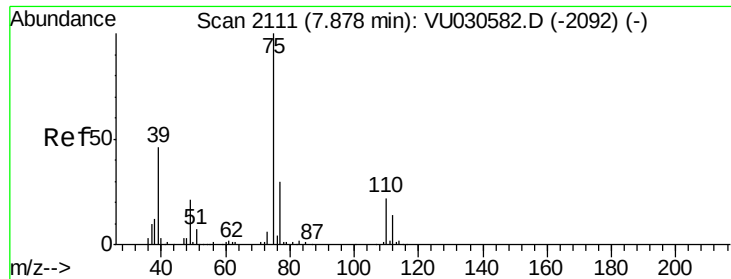
Tgt Ion: 75 Resp: 5109

Ion Ratio Lower Upper

75 100

77 54.3 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.629 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU030600.D

Acq: 31 Mar 2019 19:07

Instrument :

MSVOA_U

ClientSampleId :

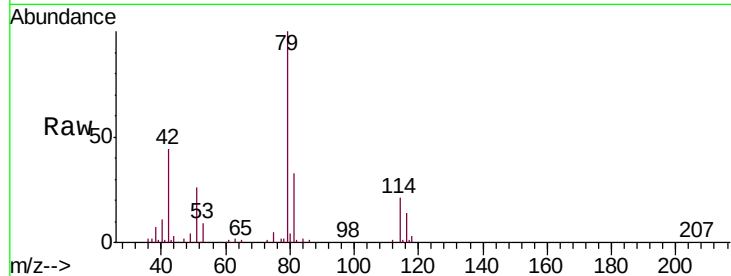
BF0M5ME

Tgt Ion: 75 Resp: 3532

Ion Ratio Lower Upper

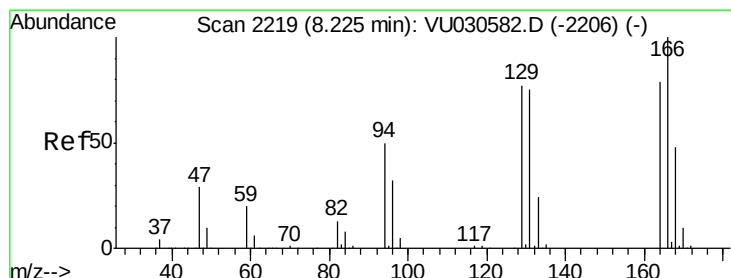
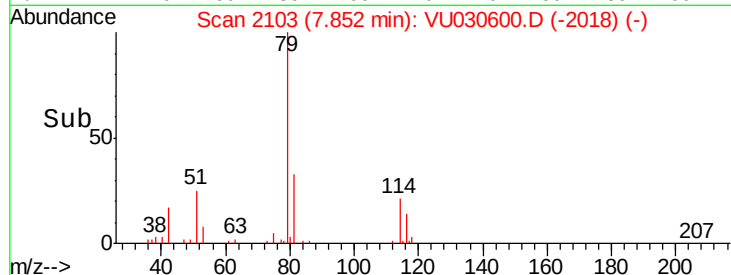
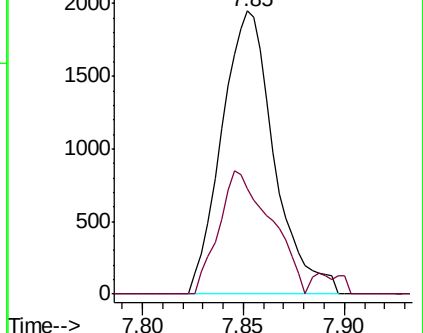
75 100

77 37.3 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030582.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030582.D (-2092) (-)



#46

Tetrachloroethene

Concen: 10.848 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030600.D

Acq: 31 Mar 2019 19:07

Tgt Ion:164 Resp: 29127

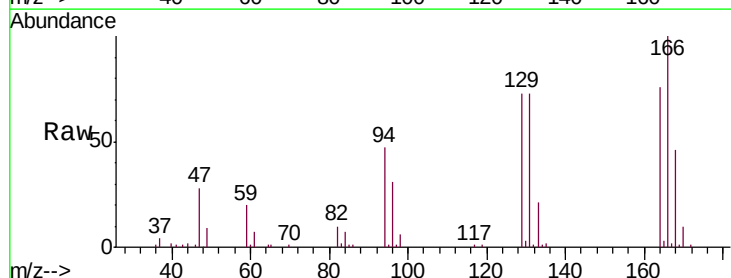
Ion Ratio Lower Upper

164 100

129 95.1 68.1 126.5

131 95.8 67.7 125.7

166 131.1 92.4 171.6

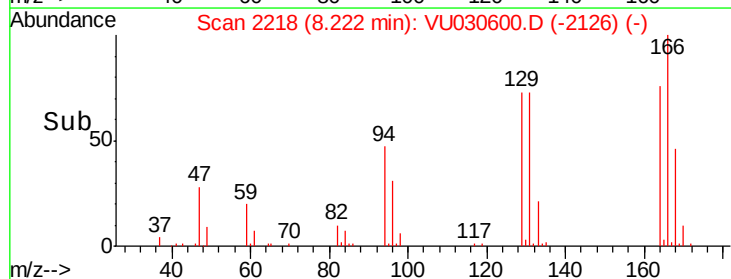
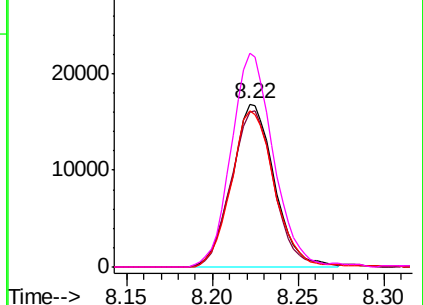


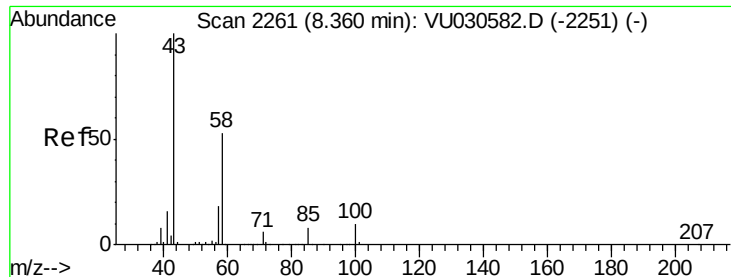
Abundance Ion 164.00 (163.70 to 164.70): VU030582.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030582.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU030582.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU030582.D (-2206) (-)

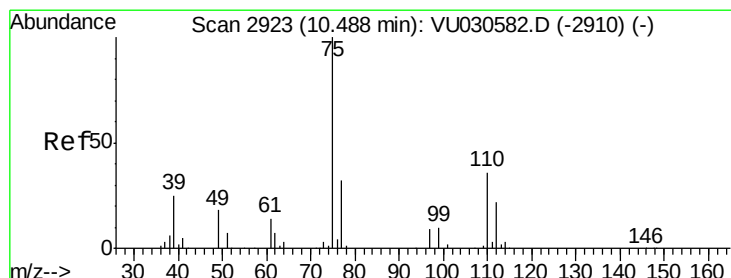
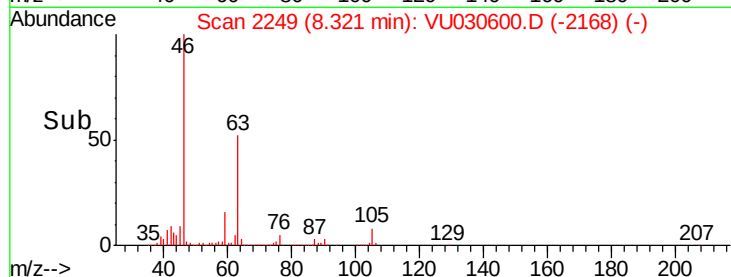
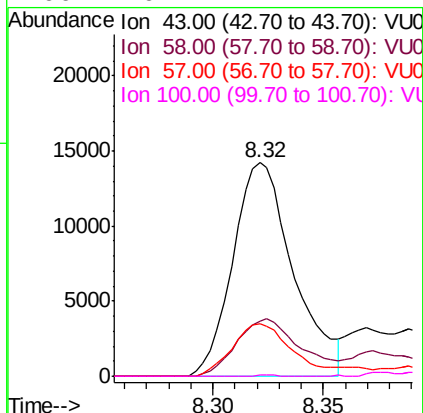
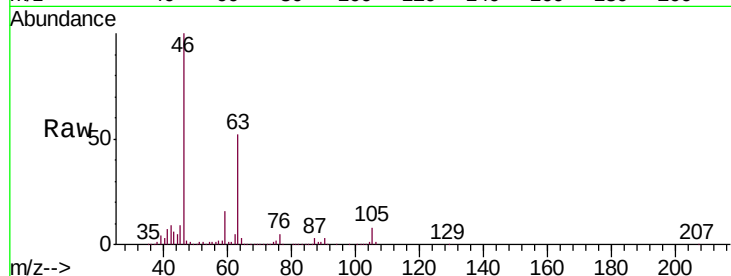




#48
 2-Hexanone
 Concen: 4.440 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030600.D
 Acq: 31 Mar 2019 19:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0M5ME

Tgt Ion: 43 Resp: 27125
 Ion Ratio Lower Upper
 43 100
 58 28.6 42.5 63.7#
 57 23.3 15.0 22.6#
 100 0.2 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.202 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030600.D
 Acq: 31 Mar 2019 19:07

Tgt Ion: 75 Resp: 28098
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.4 38.2

