

Data File : VU030603.D
Acq On : 31 Mar 2019 20:16
Operator : JC/SP
Sample : K2166-12ME
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOL7ME

Quant Time: Apr 01 02:12:55 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	475262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216397	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135973	35.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.10%
7) Chloroethane-d5	1.64	69	106427	35.11	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.22%
11) 1,1-Dichloroethene-d2	2.23	63	216073	29.78	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.56%#
21) 2-Butanone-d5	4.19	46	282403	78.54	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.54%
24) Chloroform-d	4.64	84	259788	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.84%
26) 1,2-Dichloroethane-d4	5.30	65	184393	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
32) Benzene-d6	5.33	84	552249	39.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.84%
36) 1,2-Dichloropropane-d6	6.32	67	194567	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.20%
41) Toluene-d8	7.56	98	482249	38.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.62%#
43) trans-1,3-Dichloropropene-	7.85	79	84560	37.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.98%
47) 2-Hexanone-d5	8.32	63	215446	83.99	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304679	44.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	189922	43.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

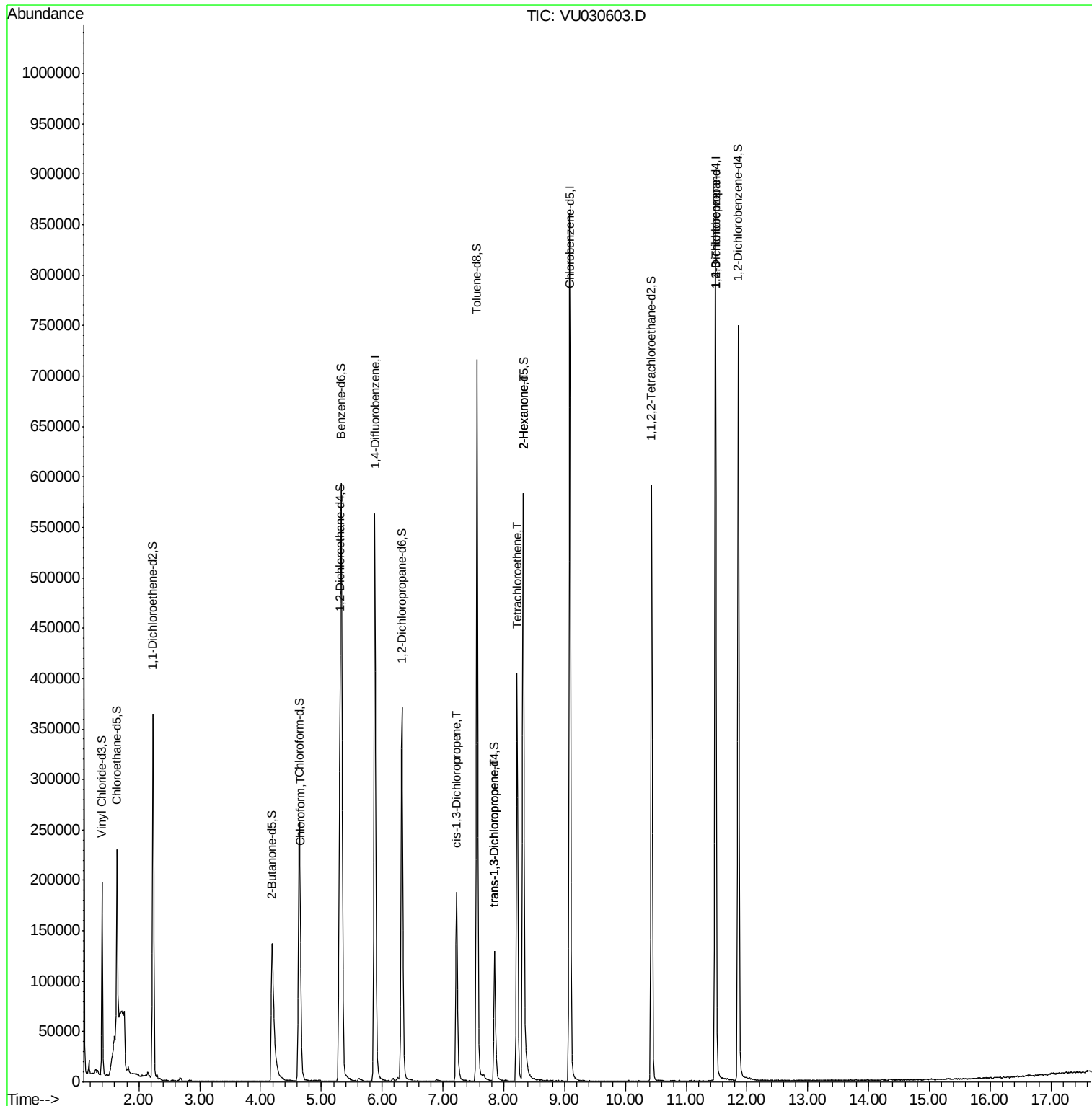
					Qvalue
25) Chloroform	4.66	83	9940	1.428 ug/L	91
39) cis-1,3-Dichloropropene	7.22	75	4674	0.698 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	3393	0.576 ug/L	87
46) Tetrachloroethene	8.22	164	87085	30.883 ug/L	97
48) 2-Hexanone	8.32	43	26523	4.134 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	27910	4.920 ug/L #	88

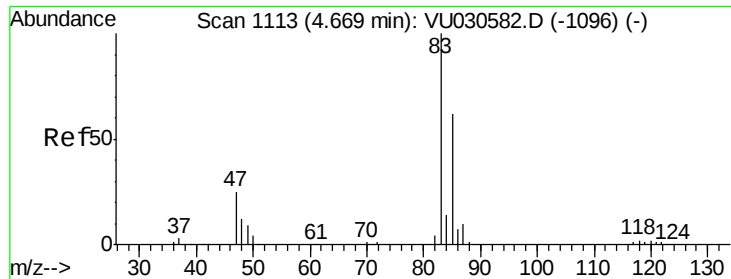
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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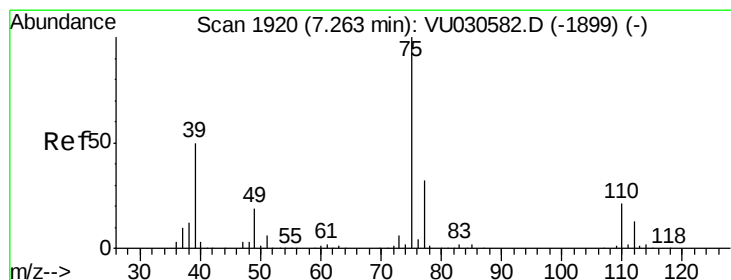
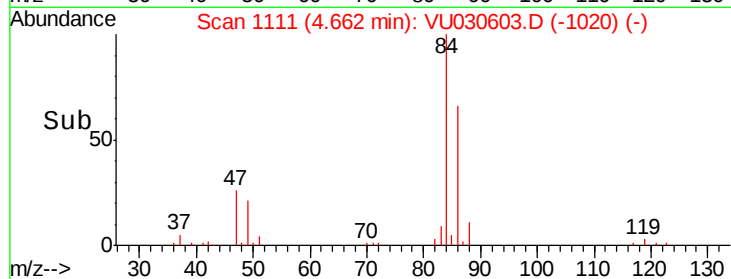
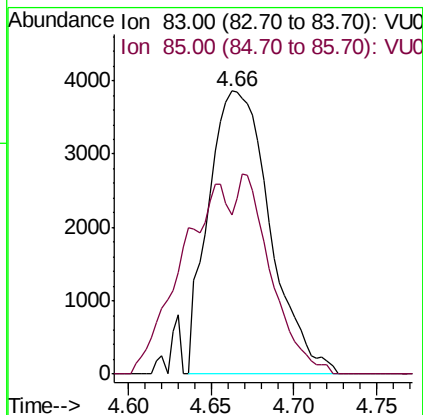
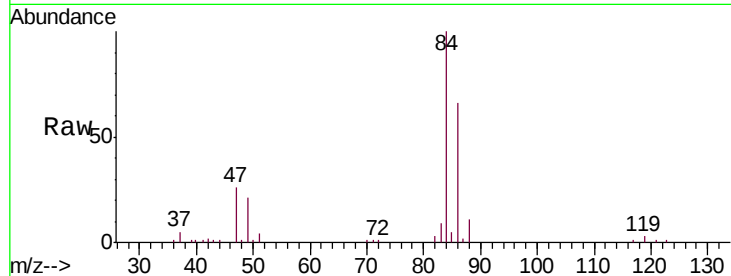




#25
Chloroform
Concen: 1.428 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU030603.D
Acq: 31 Mar 2019 20:16

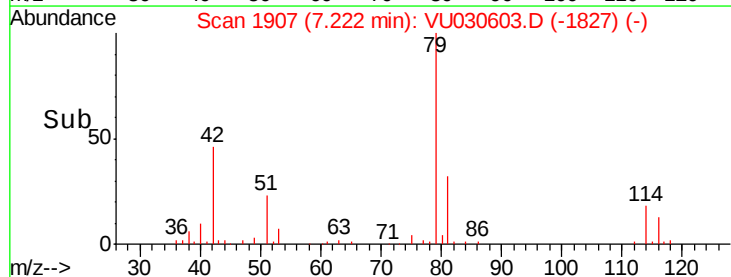
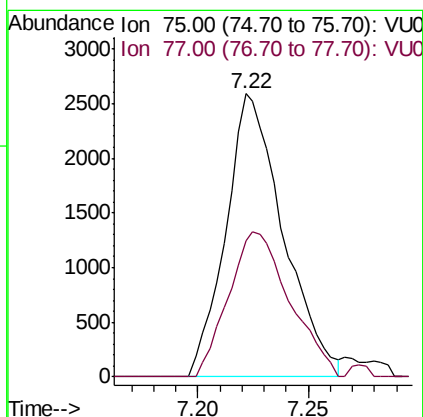
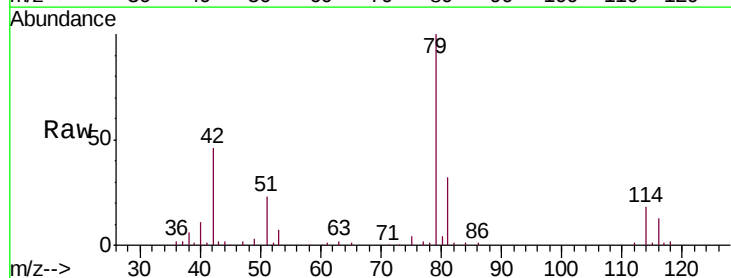
Instrument :
MSVOA_U
ClientSampleId :
BFOL7ME

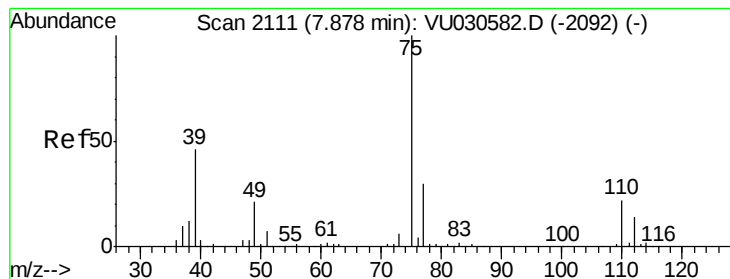
Tgt Ion: 83 Resp: 9940
Ion Ratio Lower Upper
83 100
85 56.1 44.4 82.4



#39
cis-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU030603.D
Acq: 31 Mar 2019 20:16

Tgt Ion: 75 Resp: 4674
Ion Ratio Lower Upper
75 100
77 48.0 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.576 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU030603.D

Acq: 31 Mar 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

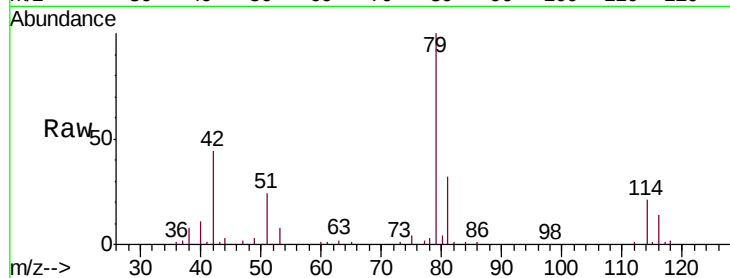
BF0L7ME

Tgt Ion: 75 Resp: 3393

Ion Ratio Lower Upper

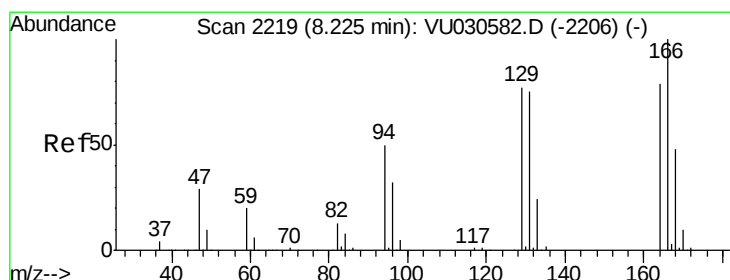
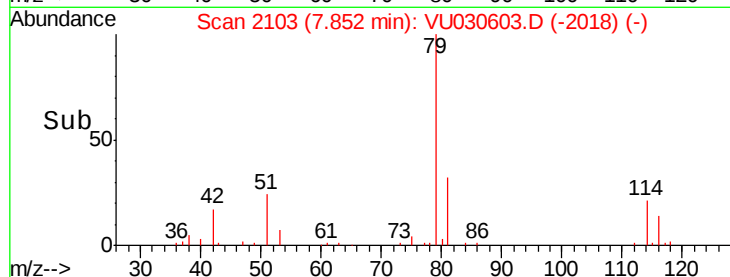
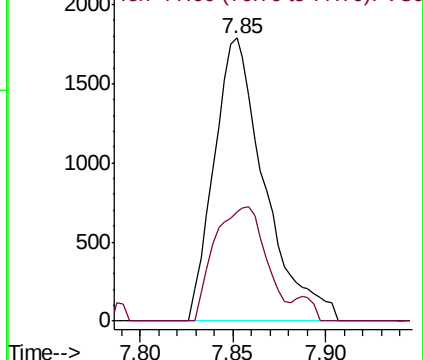
75 100

77 38.8 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#46

Tetrachloroethene

Concen: 30.883 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030603.D

Acq: 31 Mar 2019 20:16

Tgt Ion: 164 Resp: 87085

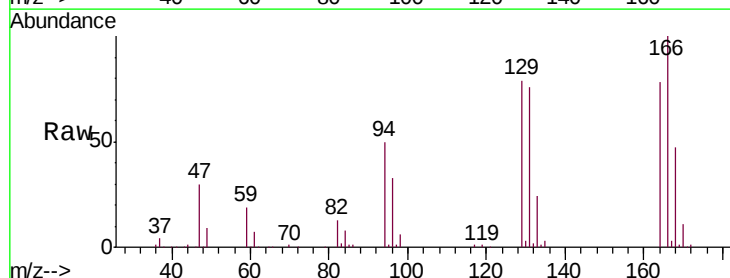
Ion Ratio Lower Upper

164 100

129 101.5 68.1 126.5

131 96.6 67.7 125.7

166 127.7 92.4 171.6

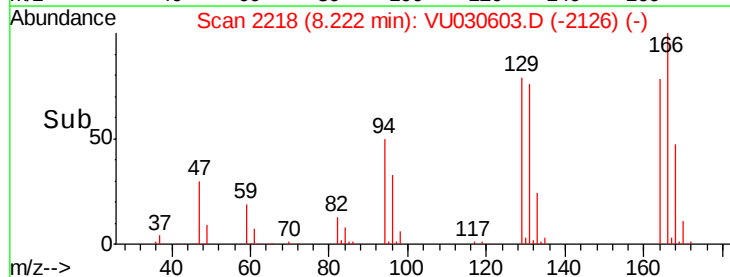
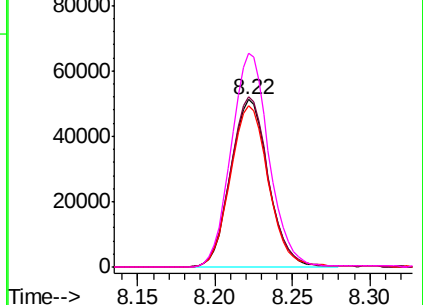


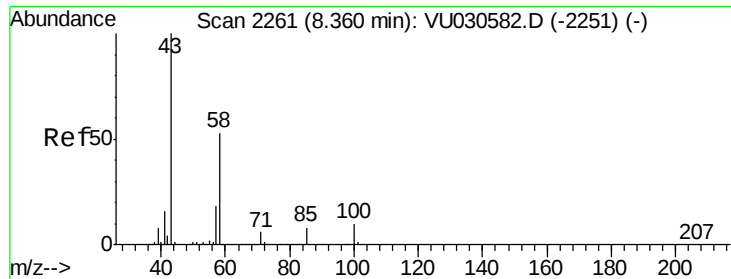
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

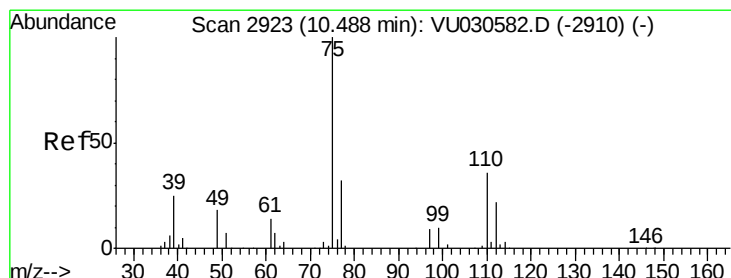
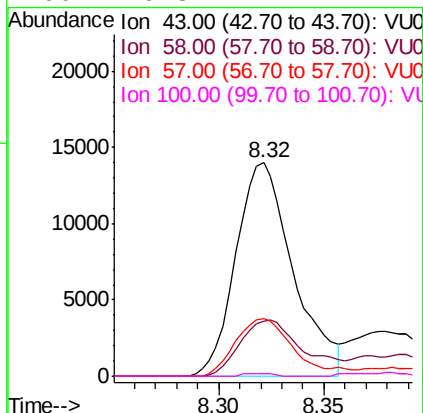
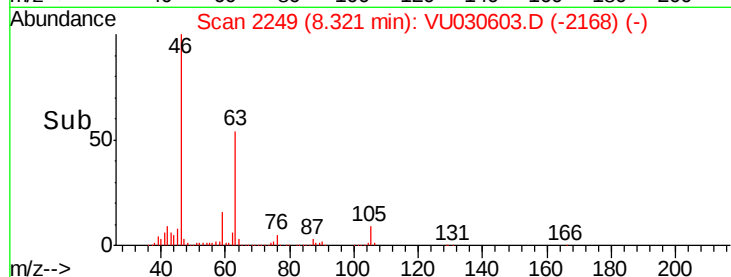
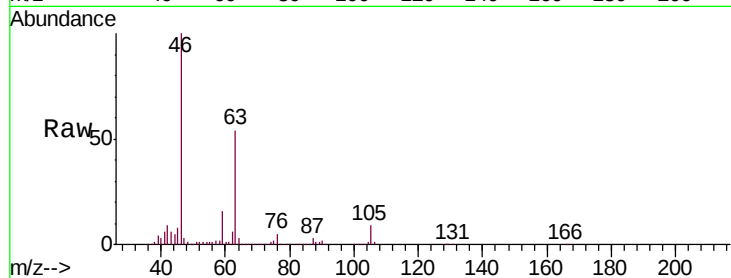




#48
 2-Hexanone
 Concen: 4.134 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030603.D
 Acq: 31 Mar 2019 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BFOL7ME

Tgt Ion: 43 Resp: 26523
 Ion Ratio Lower Upper
 43 100
 58 25.9 42.5 63.7#
 57 26.2 15.0 22.6#
 100 0.3 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.920 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030603.D
 Acq: 31 Mar 2019 20:16

Tgt Ion: 75 Resp: 27910
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.4 38.2#

