

Data File : VU030601.D
Acq On : 31 Mar 2019 19:30
Operator : JC/SP
Sample : K2166-16ME
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0M6ME

Quant Time: Apr 01 02:12:31 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	432298	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	434617	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	199767	50.00	ug/L	0.00

System Monitoring Compounds

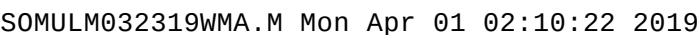
4) Vinyl Chloride-d3	1.40	65	209709	60.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.56%
7) Chloroethane-d5	1.69	69	311	0.11	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.22%#
11) 1,1-Dichloroethene-d2	2.23	63	333782	50.58	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.16%
21) 2-Butanone-d5	4.19	46	464485	142.02	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	142.02%#
24) Chloroform-d	4.64	84	404343	67.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	134.92%#
26) 1,2-Dichloroethane-d4	5.30	65	287311	73.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	146.50%#
32) Benzene-d6	5.33	84	857827	68.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.66%#
36) 1,2-Dichloropropane-d6	6.32	67	305761	71.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	143.40%#
41) Toluene-d8	7.56	98	767123	68.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.06%#
43) trans-1,3-Dichloropropene-	7.85	79	137741	68.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	137.38%#
47) 2-Hexanone-d5	8.32	63	343899	148.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	148.82%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	481579	78.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	157.84%#
64) 1,2-Dichlorobenzene-d4	11.86	152	303317	75.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	151.56%#

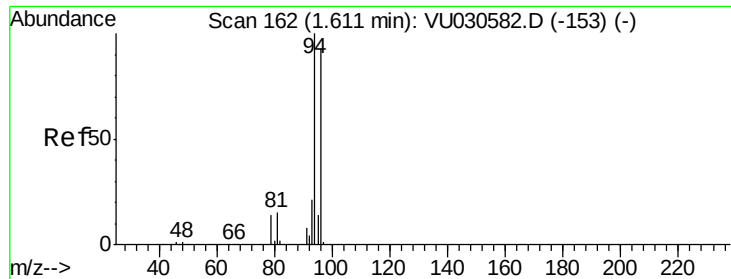
Target Compounds

					Qvalue
6) Bromomethane	1.60	94	1339	0.577 ug/L	94
9) Trichlorofluoromethane	2.23	101	2751	0.499 ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2751	0.872 ug/L #	21
12) 1,1-Dichloroethene	2.24	96	2440	0.789 ug/L #	1
25) Chloroform	4.67	83	14032	2.217 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	7455	1.235 ug/L #	64
46) Tetrachloroethene	8.22	164	27903	10.984 ug/L	96
48) 2-Hexanone	8.37	43	7580	1.311 ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	26259	5.138 ug/L	90

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

Quant Time: Apr 01 02:12:31 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





#6

Bromomethane

Concen: 0.577 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.01 min

Lab File: VU030601.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_U

ClientSampleId :

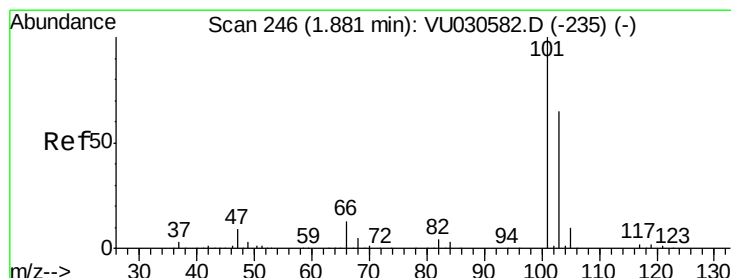
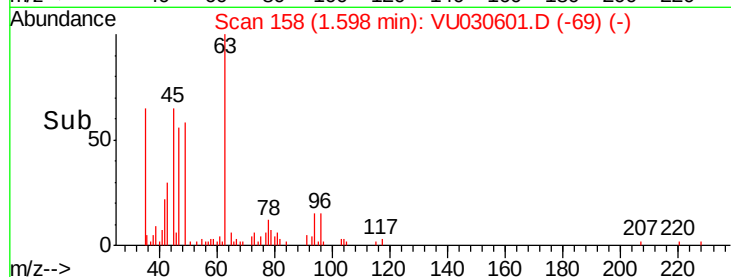
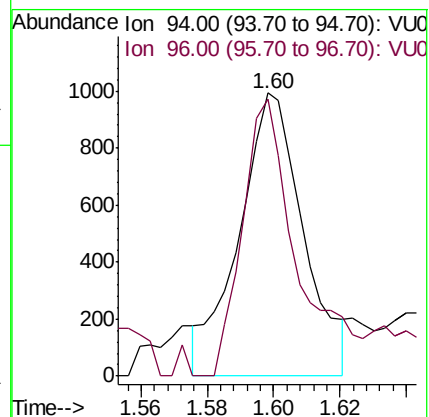
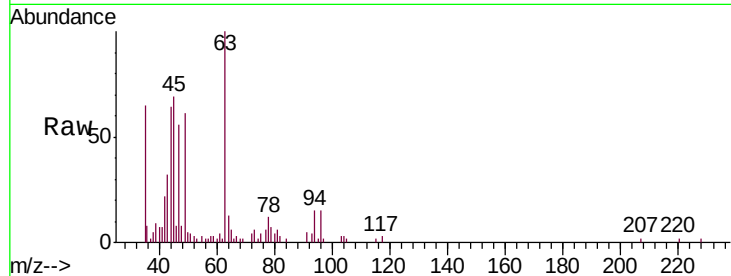
BF0M6ME

Tgt Ion: 94 Resp: 1339

Ion Ratio Lower Upper

94 100

96 98.0 64.8 120.3



#9

Trichlorofluoromethane

Concen: 0.499 ug/L

RT: 2.23 min Scan# 356

Delta R.T. 0.35 min

Lab File: VU030601.D

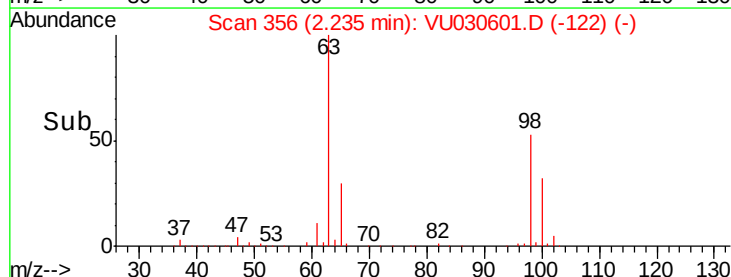
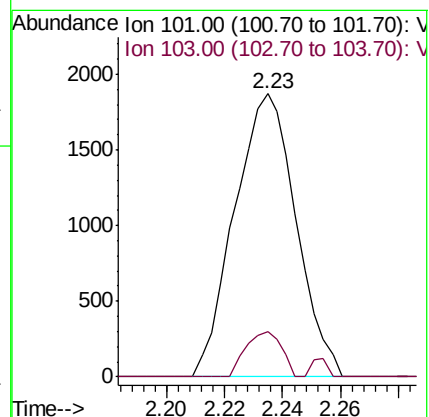
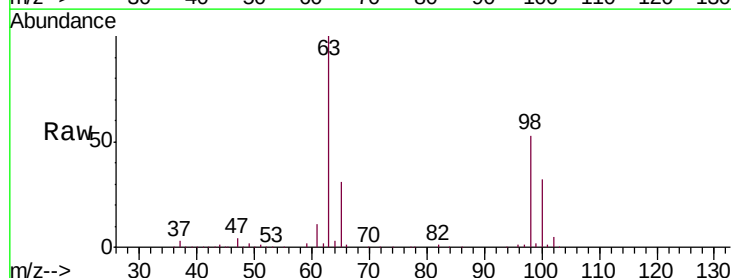
Acq: 31 Mar 2019 19:30

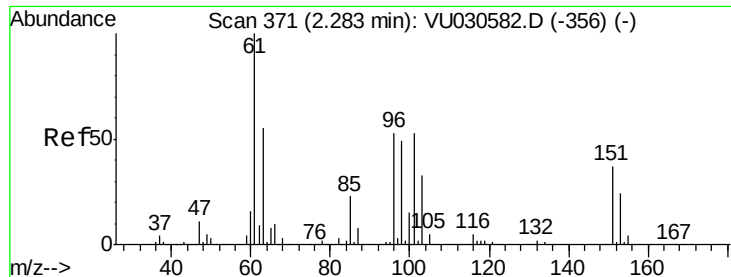
Tgt Ion: 101 Resp: 2751

Ion Ratio Lower Upper

101 100

103 9.4 51.1 76.7#





#10

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

Concen: 0.872 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030601.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_U

ClientSampleId :

BF0M6ME

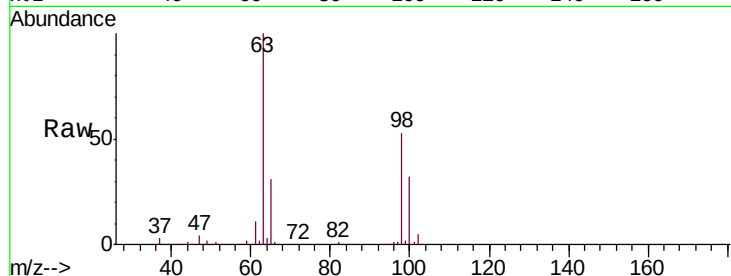
Tgt Ion: 101 Resp: 2751

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

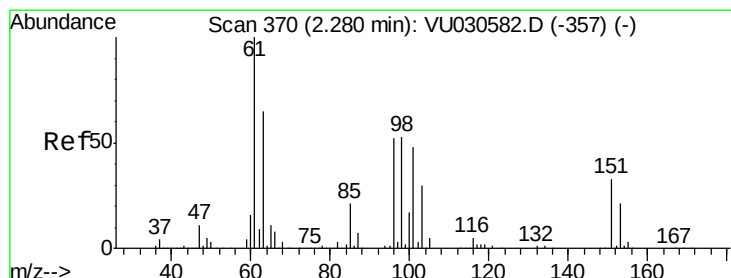
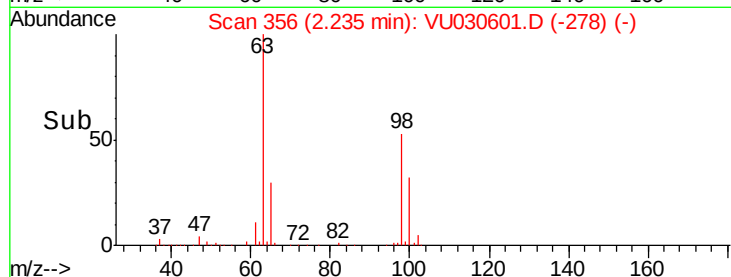
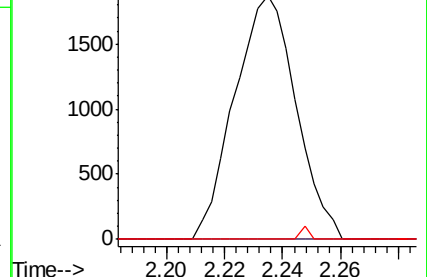
151 0.0 56.6 85.0#



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: 0.789 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU030601.D

Acq: 31 Mar 2019 19:30

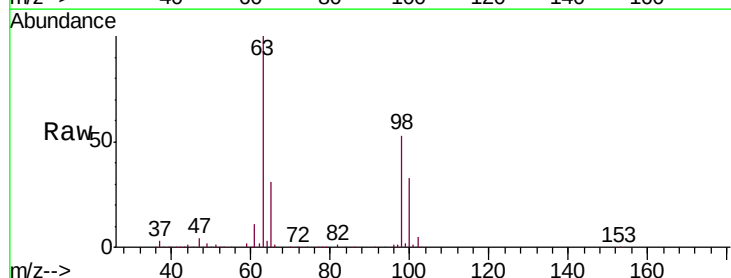
Tgt Ion: 96 Resp: 2440

Ion Ratio Lower Upper

96 100

61 1350.2 131.0 243.4#

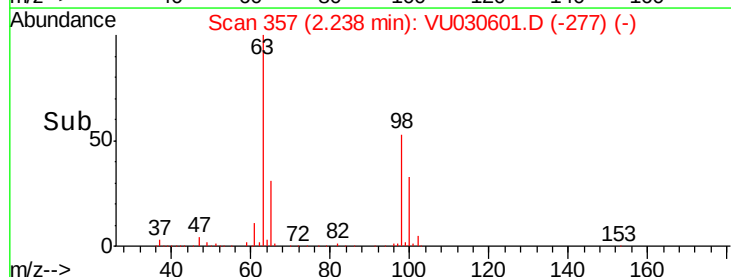
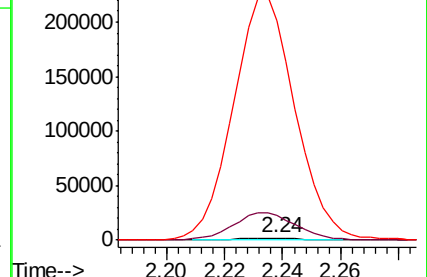
63 12273.2 92.4 171.6#

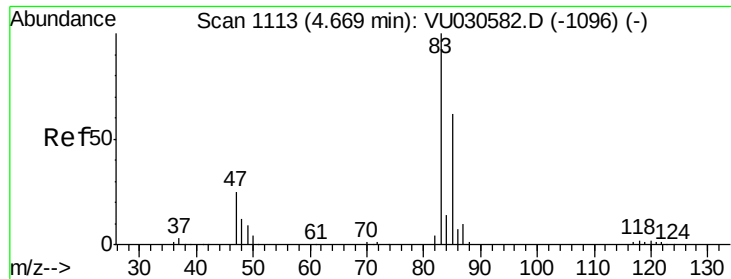


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

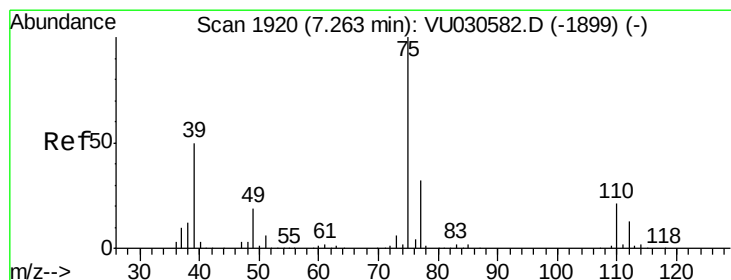
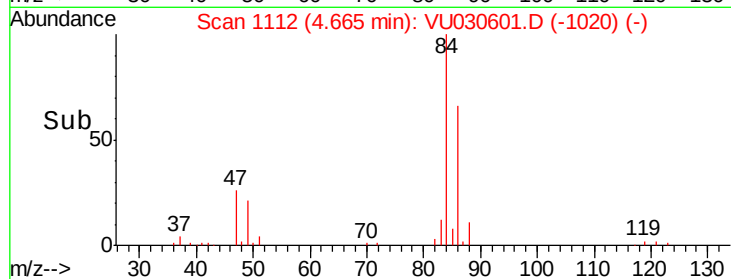
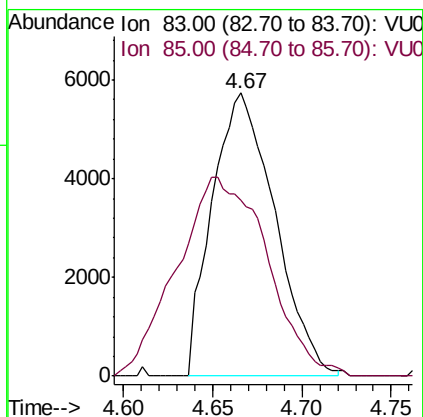
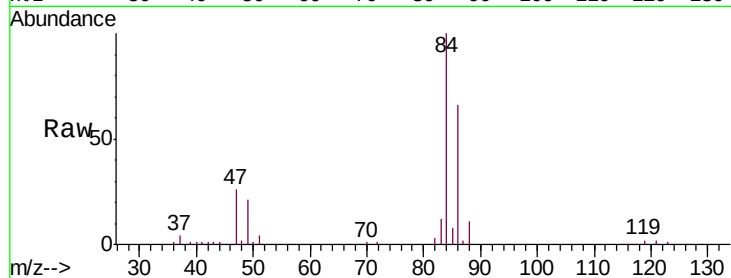




#25
Chloroform
Concen: 2.217 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030601.D
Acq: 31 Mar 2019 19:30

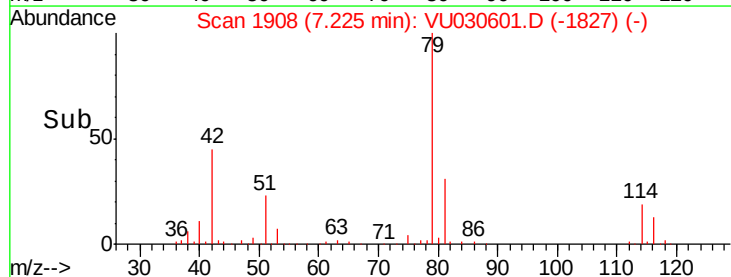
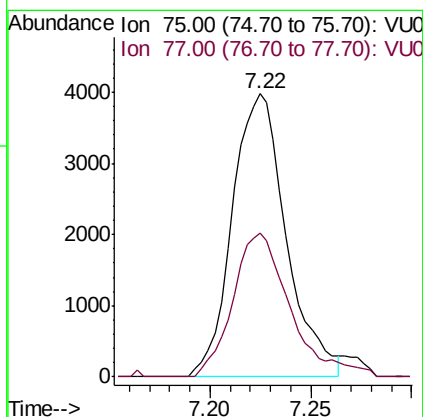
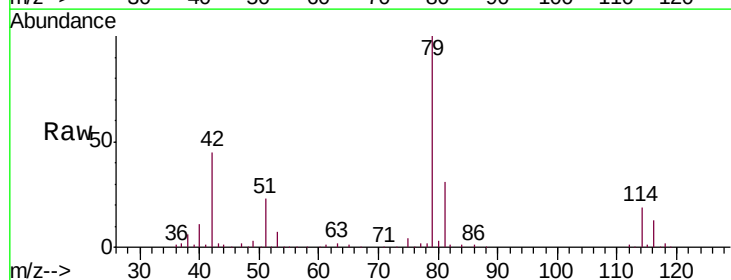
Instrument :
MSVOA_U
ClientSampleId :
BF0M6ME

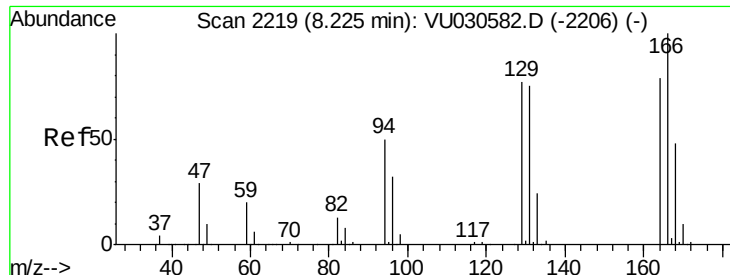
Tgt Ion: 83 Resp: 14032
Ion Ratio Lower Upper
83 100
85 62.3 44.4 82.4



#39
cis-1,3-Dichloropropene
Concen: 1.235 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030601.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 75 Resp: 7455
Ion Ratio Lower Upper
75 100
77 50.9 21.8 40.6#





#46

Tetrachloroethene

Concen: 10.984 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030601.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_U

ClientSampleId :

BF0M6ME

Tgt Ion:164 Resp: 27903

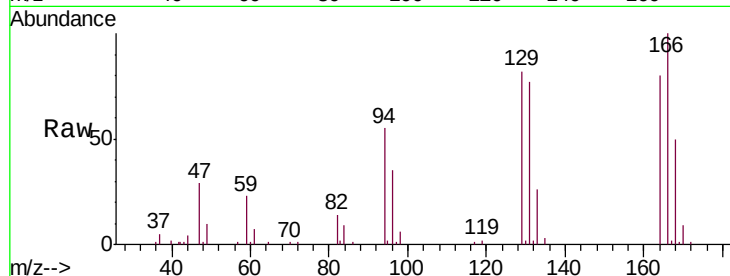
Ion Ratio Lower Upper

164 100

129 102.1 68.1 126.5

131 95.7 67.7 125.7

166 125.0 92.4 171.6

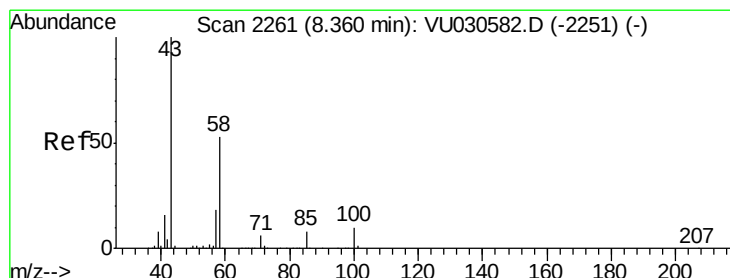
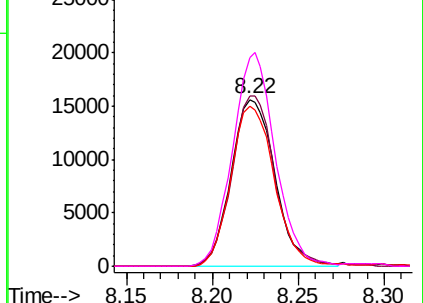
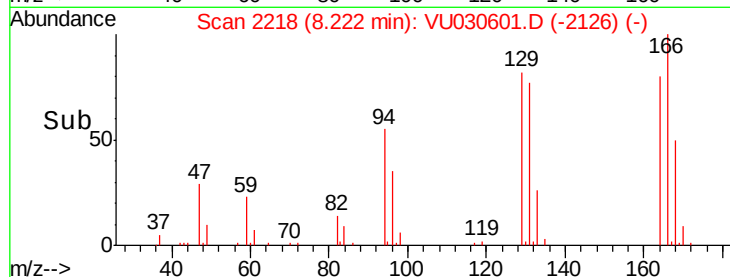


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.311 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU030601.D

Acq: 31 Mar 2019 19:30

Tgt Ion: 43 Resp: 7580

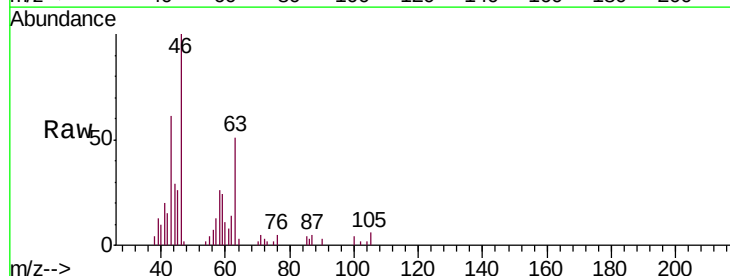
Ion Ratio Lower Upper

43 100

58 5.3 42.5 63.7#

57 0.0 15.0 22.6#

100 6.4 7.4 11.2#

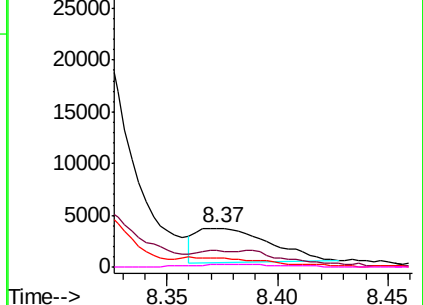
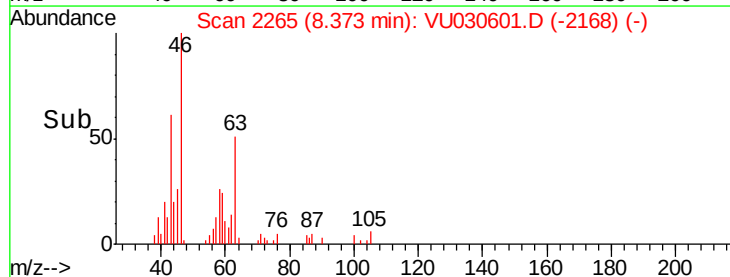


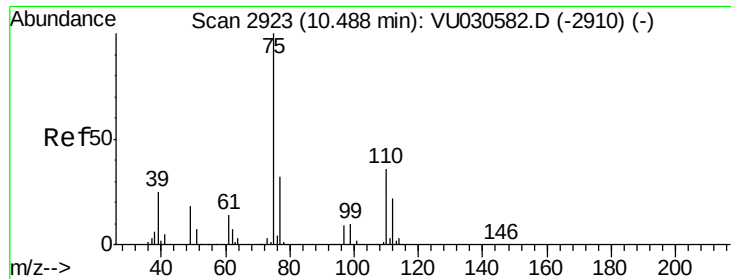
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.138 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030601.D

Acq: 31 Mar 2019 19:30

Instrument :

MSVOA_U

ClientSampleId :

BF0M6ME

Tgt Ion: 75 Resp: 26259

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.2

