

Data File : VU030106.D
Acq On : 15 Mar 2019 13:17
Operator : JC/SP
Sample : K1936-21 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C8

Quant Time: Mar 16 00:06:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	504265	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488499	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110242	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.10%
7) Chloroethane-d5	1.68	69	105147	39.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.10%
11) 1,1-Dichloroethene-d2	2.27	63	171372	28.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.92%#
21) 2-Butanone-d5	4.17	46	268228	107.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.33%
24) Chloroform-d	4.65	84	277897	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
26) 1,2-Dichloroethane-d4	5.31	65	170521	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
32) Benzene-d6	5.34	84	584297	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
36) 1,2-Dichloropropane-d6	6.33	67	188502	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.96%
41) Toluene-d8	7.56	98	526785	44.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.48%
43) trans-1,3-Dichloropropene-	7.85	79	86597	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.90%
47) 2-Hexanone-d5	8.31	63	223513	103.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297972	50.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	231459	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%

Target Compounds

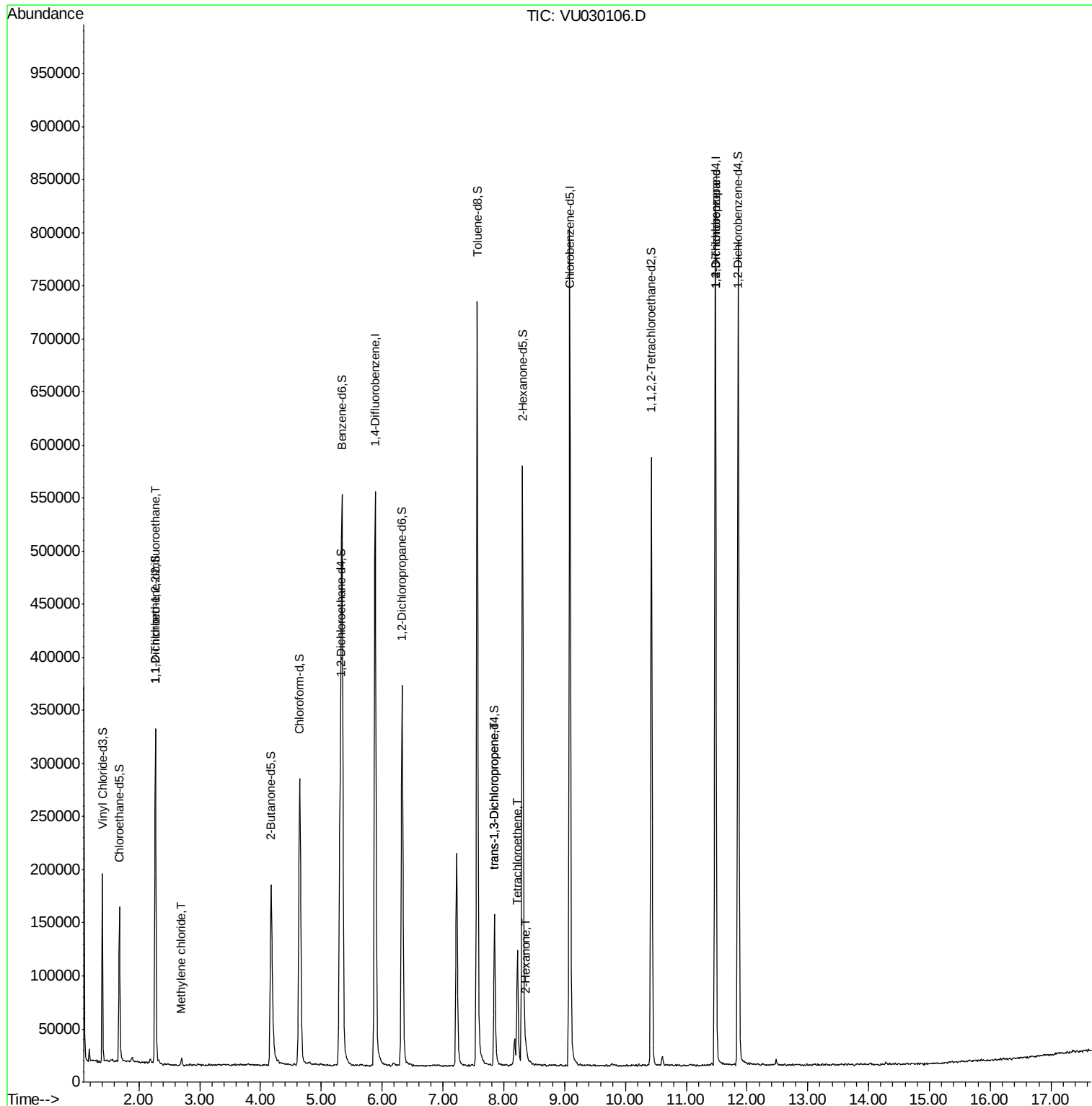
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1888	0.570	ug/L #	17
16) Methylene chloride	2.70	84	2836	0.760	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3298	0.631	ug/L	85
46) Tetrachloroethene	8.22	164	27050	8.437	ug/L	97
48) 2-Hexanone	8.37	43	4790	1.131	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	23824	4.975	ug/L	96

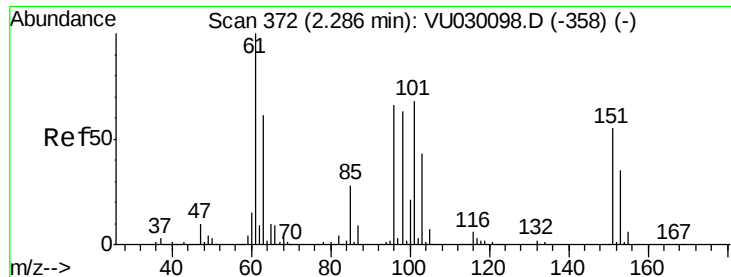
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.570 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030106.D

Acq: 15 Mar 2019 13:17

Instrument :

MSVOA_U

ClientSampled :

BF1C8

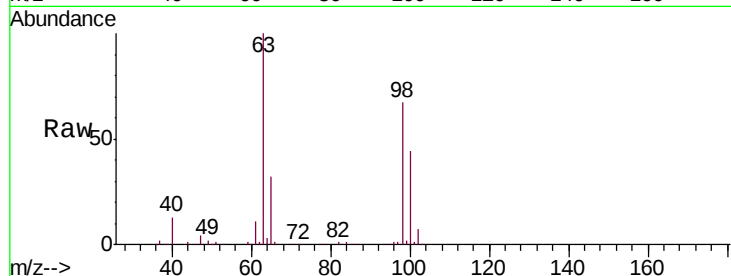
Tgt Ion: 101 Resp: 1888

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

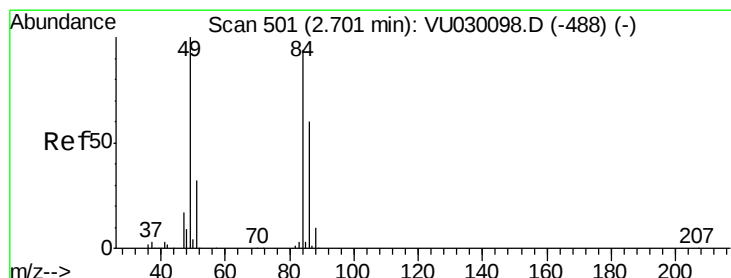
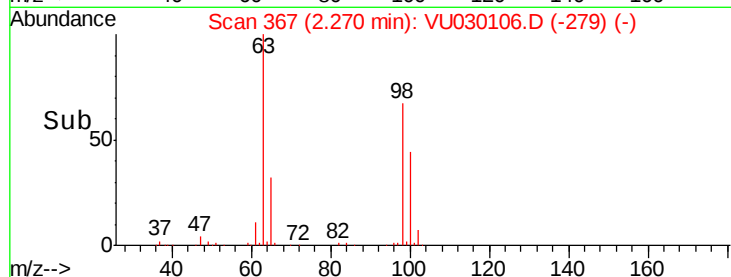
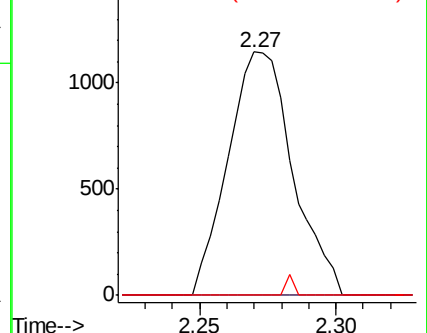
151 0.0 66.1 99.1#



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



#16

Methylene chloride

Concen: 0.760 ug/L

RT: 2.70 min Scan# 501

Delta R.T. -0.00 min

Lab File: VU030106.D

Acq: 15 Mar 2019 13:17

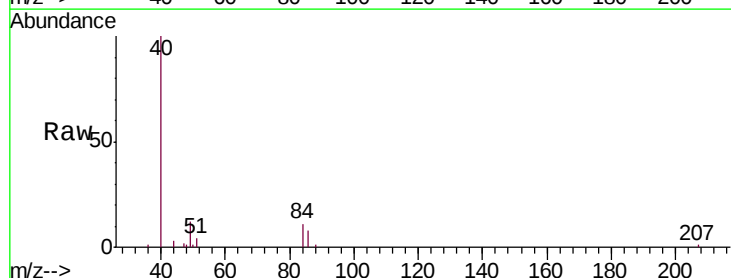
Tgt Ion: 84 Resp: 2836

Ion Ratio Lower Upper

84 100

86 67.3 45.2 84.0

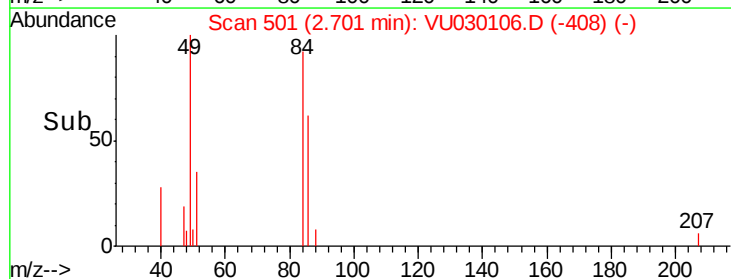
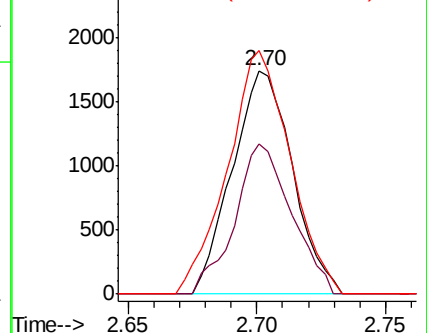
49 108.9 73.6 136.6

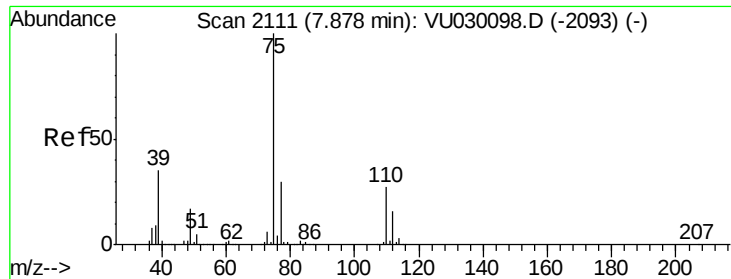


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030106.D

Acq: 15 Mar 2019 13:17

Instrument :

MSVOA_U

ClientSampleId :

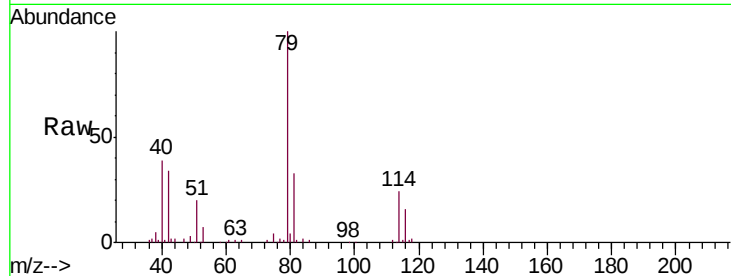
BF1C8

Tgt Ion: 75 Resp: 3298

Ion Ratio Lower Upper

75 100

77 39.7 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030106.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU030106.D (-2101) (-)

7.85

2000

1500

1000

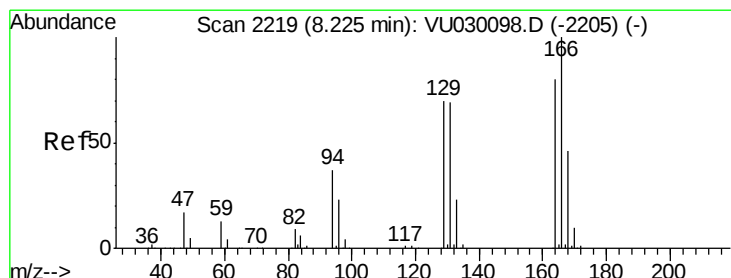
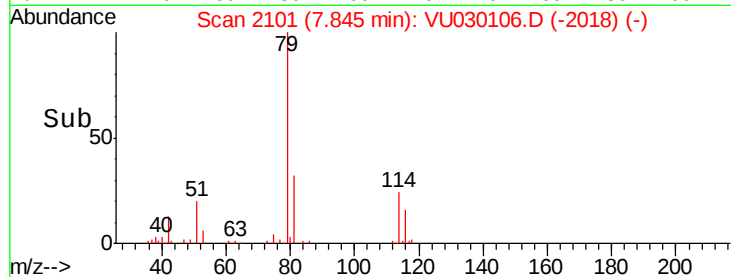
500

0

7.80

7.85

Time-->



#46

Tetrachloroethene

Concen: 8.437 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030106.D

Acq: 15 Mar 2019 13:17

Tgt Ion: 164 Resp: 27050

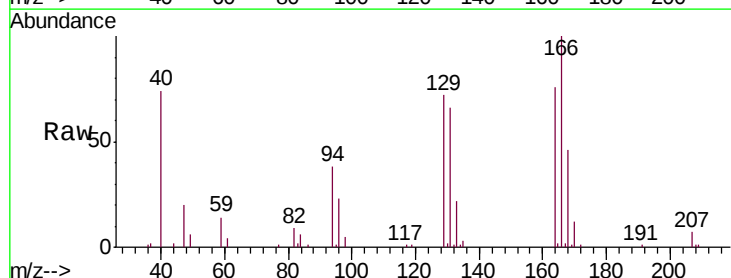
Ion Ratio Lower Upper

164 100

129 95.0 63.3 117.7

131 87.5 62.0 115.2

166 132.2 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030106.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU030106.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU030106.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU030106.D (-2219) (-)

8.22

30000

25000

20000

15000

10000

5000

0

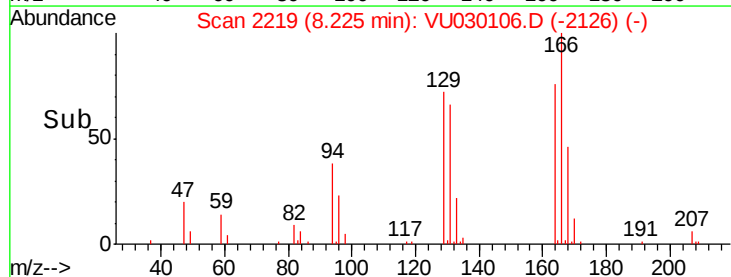
8.15

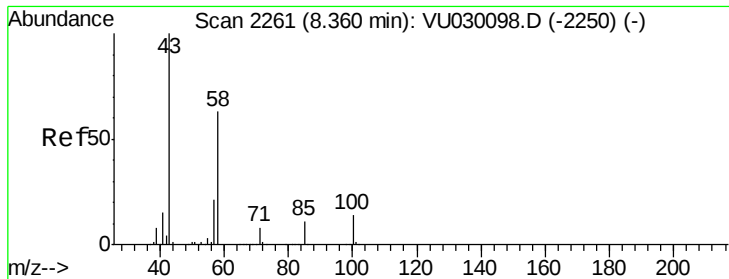
8.20

8.25

8.30

Time-->

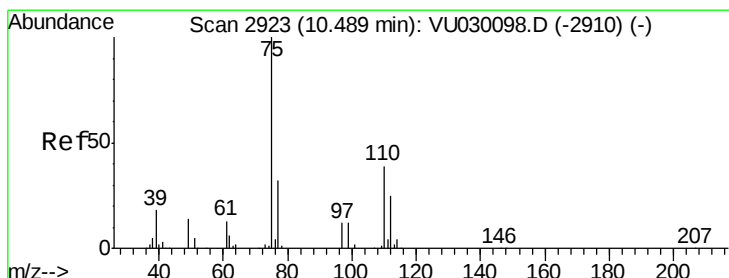
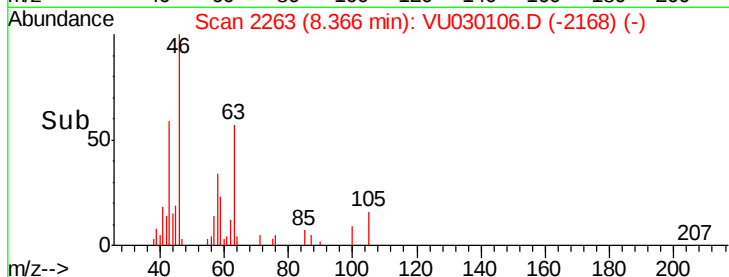
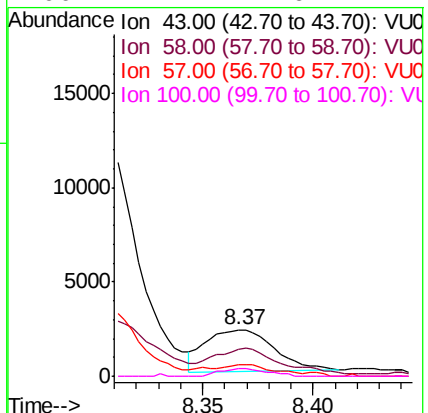
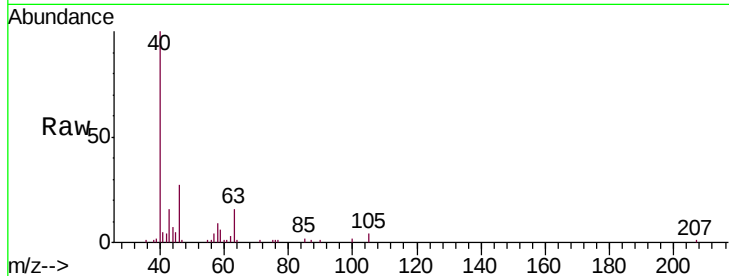




#48
2-Hexanone
Concen: 1.131 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030106.D
Acq: 15 Mar 2019 13:17

Instrument :
MSVOA_U
ClientSampleId :
BF1C8

Tgt Ion: 43 Resp: 4790
Ion Ratio Lower Upper
43 100
58 40.4 48.6 72.8#
57 15.7 16.1 24.1#
100 12.4 11.6 17.4



#59
1,2,3-Trichloropropane
Concen: 4.975 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030106.D
Acq: 15 Mar 2019 13:17

Tgt Ion: 75 Resp: 23824
Ion Ratio Lower Upper
75 100
77 34.3 25.8 38.8

