

Data File : VU030144.D
Acq On : 16 Mar 2019 14:50
Operator : JC/SP
Sample : K1949-17 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B8

Quant Time: Mar 18 04:28:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470336	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458653	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145232	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.36%
7) Chloroethane-d5	1.68	69	126830	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.27	63	206890	36.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.68%
21) 2-Butanone-d5	4.17	46	266631	114.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.39%
24) Chloroform-d	4.65	84	287982	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.31	65	172830	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.22%
32) Benzene-d6	5.34	84	599727	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.33	67	189310	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.78%
41) Toluene-d8	7.56	98	529927	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.85	79	85383	48.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.56%
47) 2-Hexanone-d5	8.31	63	220916	109.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296969	53.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	222132	52.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.26%

Target Compounds

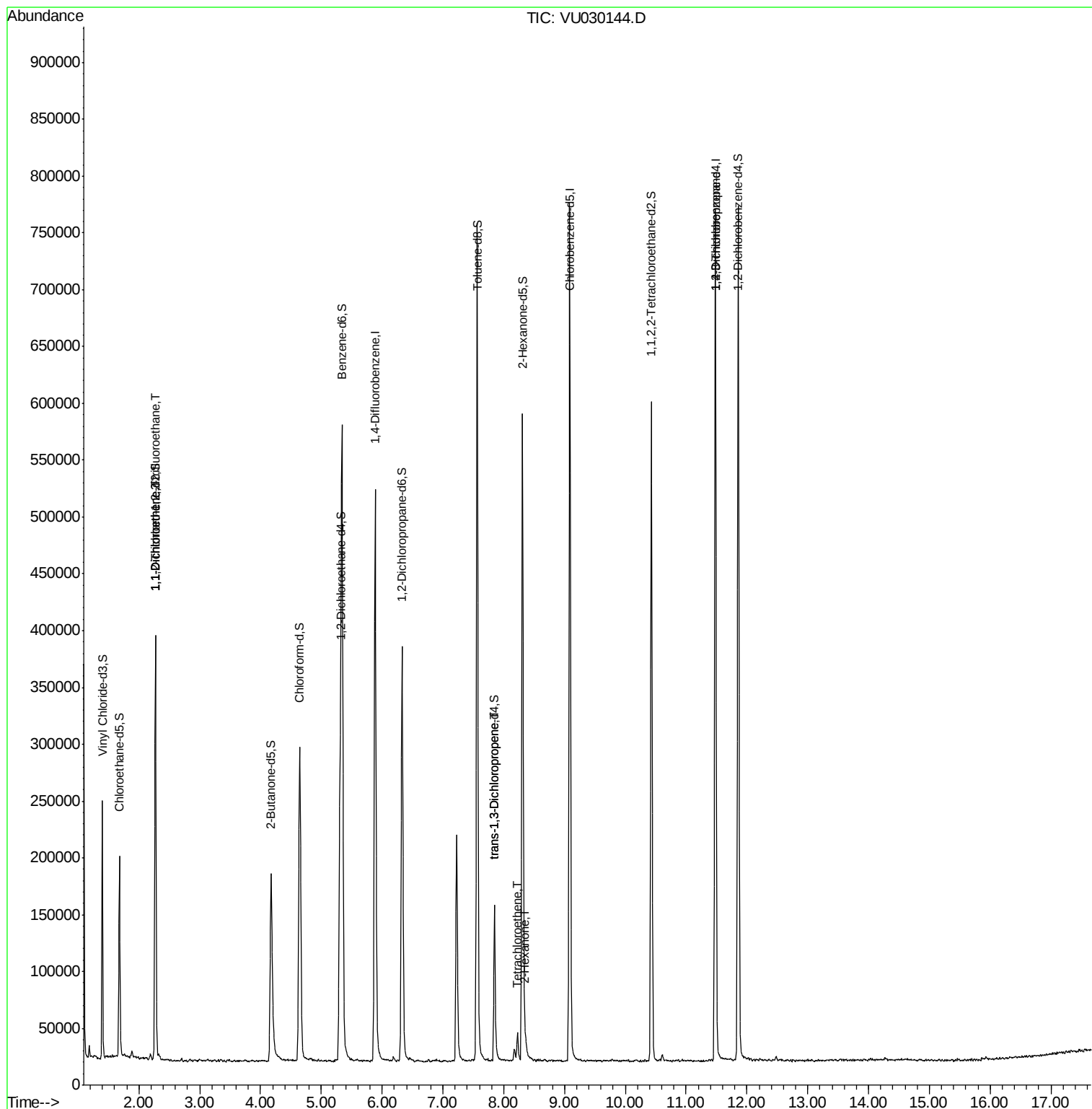
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2166	0.701 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1762	0.598 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3221	0.657 ug/L	87
46) Tetrachloroethene	8.22	164	6459	2.146 ug/L	95
48) 2-Hexanone	8.36	43	3934	0.989 ug/L #	54
59) 1,2,3-Trichloropropane	11.48	75	22986	5.113 ug/L	94

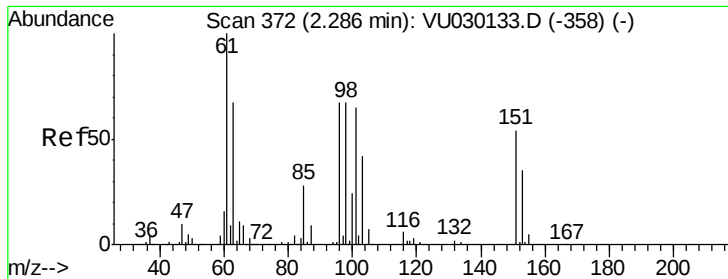
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.701 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030144.D

Acq: 16 Mar 2019 14:50

Instrument :

MSVOA_U

ClientSampled :

BF1B8

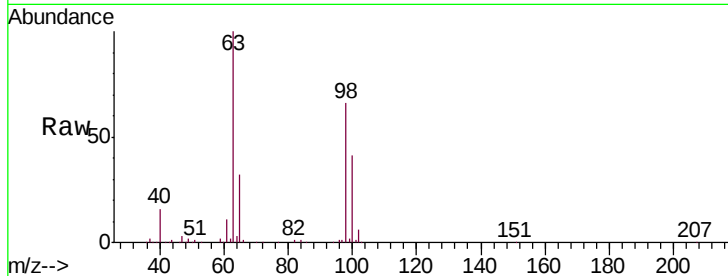
Tgt Ion:101 Resp: 2166

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

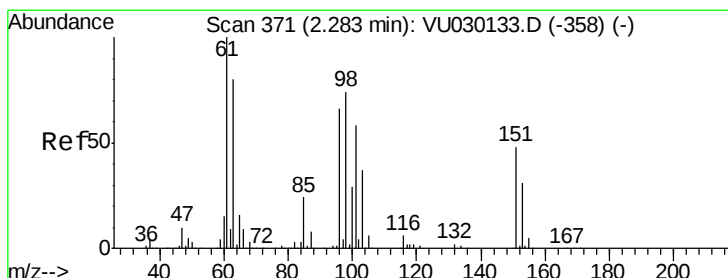
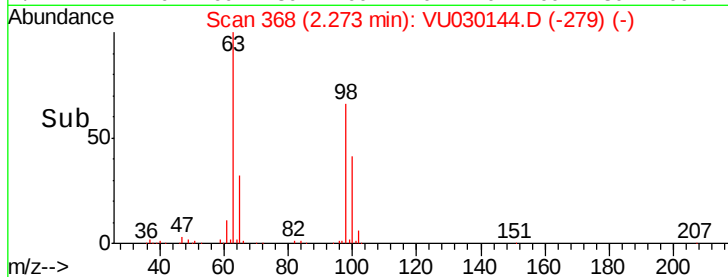
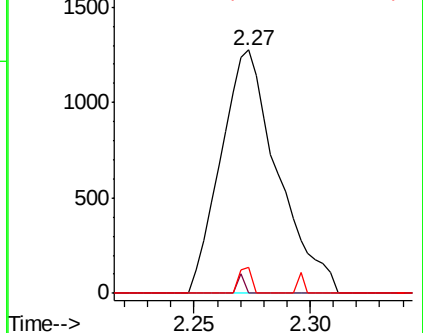
151 2.3 66.1 99.1#



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



#12

1,1-Dichloroethene

Concen: 0.598 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030144.D

Acq: 16 Mar 2019 14:50

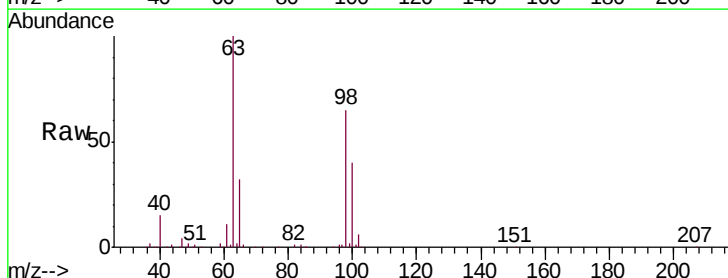
Tgt Ion: 96 Resp: 1762

Ion Ratio Lower Upper

96 100

61 1391.7 110.4 205.0#

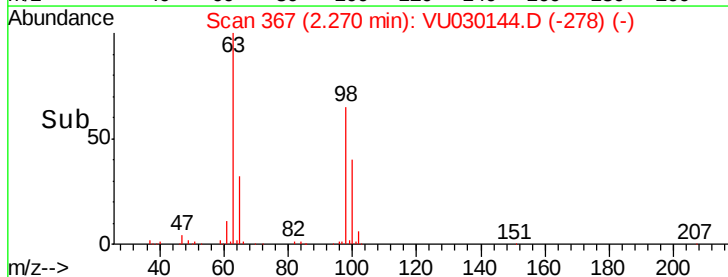
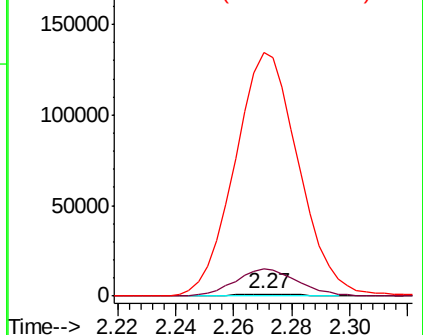
63 12649.5 86.5 160.7#

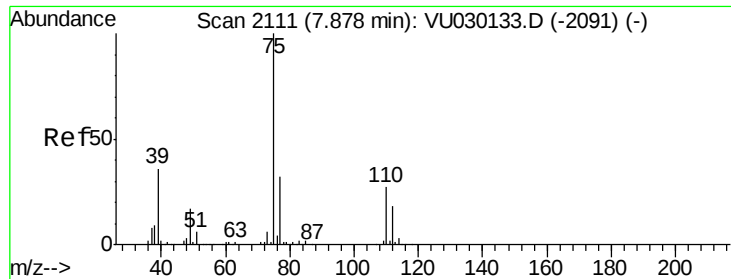


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.657 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030144.D

Acq: 16 Mar 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

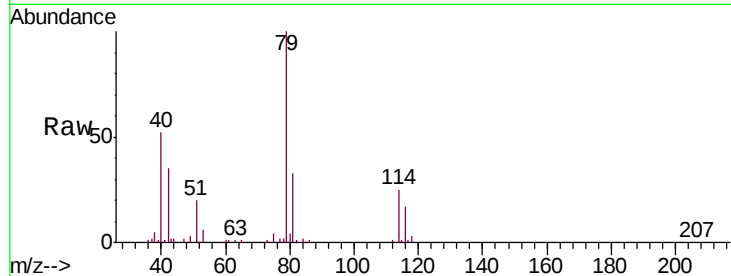
BF1B8

Tgt Ion: 75 Resp: 3221

Ion Ratio Lower Upper

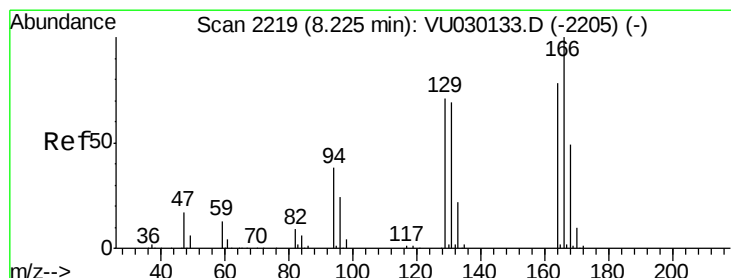
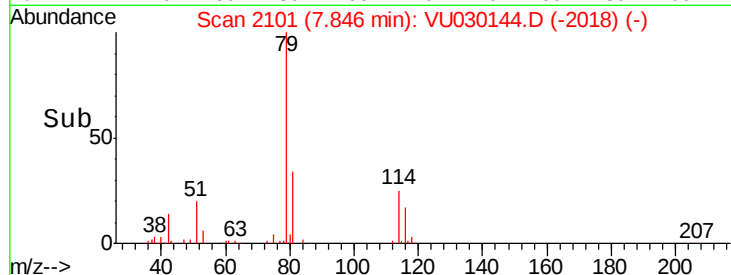
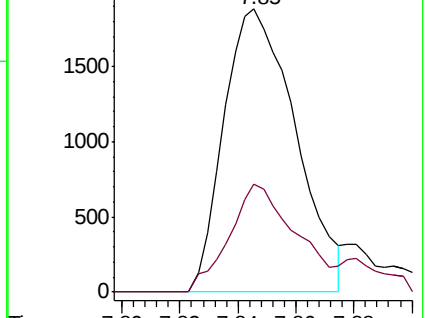
75 100

77 38.3 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030144.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU030144.D (-2101) (-)



#46

Tetrachloroethene

Concen: 2.146 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030144.D

Acq: 16 Mar 2019 14:50

Tgt Ion: 164 Resp: 6459

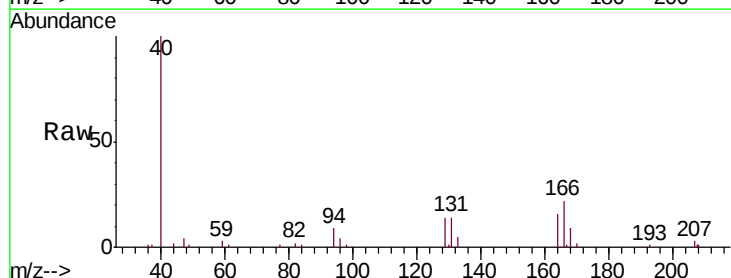
Ion Ratio Lower Upper

164 100

129 83.8 63.3 117.7

131 86.3 62.0 115.2

166 135.1 90.5 168.1

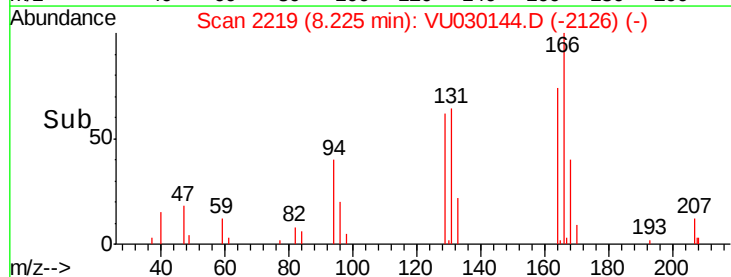
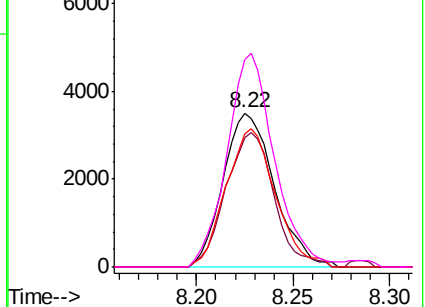


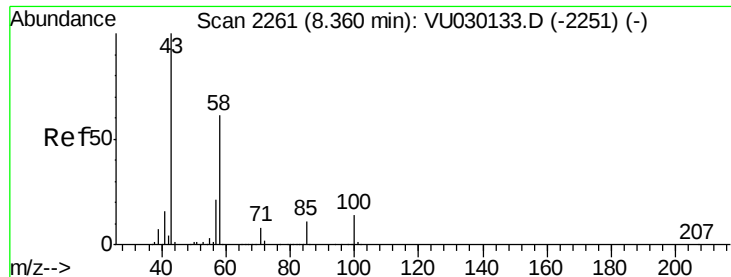
Abundance Ion 164.00 (163.70 to 164.70): VU030144.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU030144.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU030144.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU030144.D (-2219) (-)

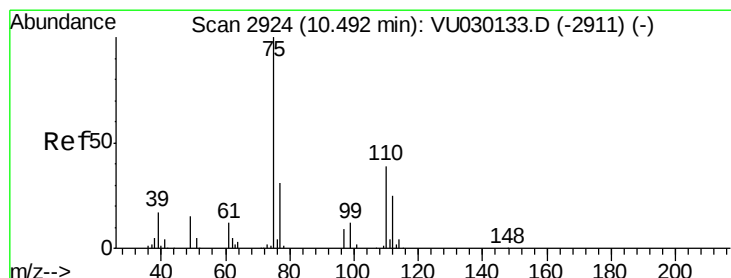
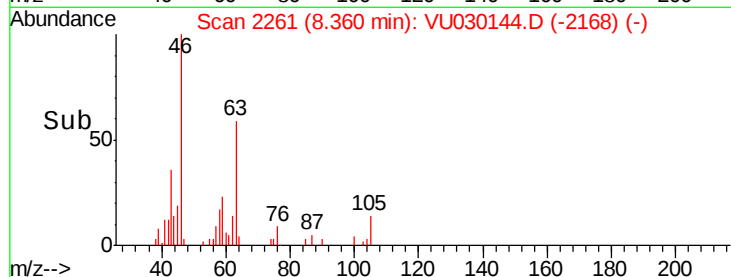
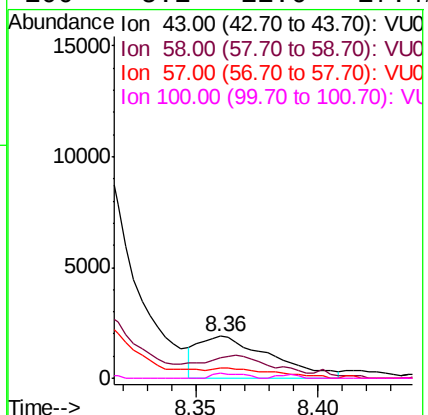
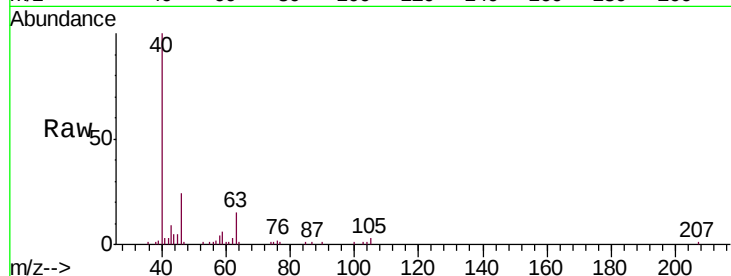




#48
 2-Hexanone
 Concen: 0.989 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU030144.D
 Acq: 16 Mar 2019 14:50

Instrument :
 MSVOA_U
 ClientSampled :
 BF1B8

Tgt Ion: 43 Resp: 3934
 Ion Ratio Lower Upper
 43 100
 58 18.3 48.6 72.8#
 57 4.6 16.1 24.1#
 100 5.1 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.113 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030144.D
 Acq: 16 Mar 2019 14:50

Tgt Ion: 75 Resp: 22986
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.8 38.8

