

Data File : VU030500.D
Acq On : 27 Mar 2019 21:53
Operator : JC/SP
Sample : K2120-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5D4

Quant Time: Mar 28 02:50:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	416734	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	392196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153100	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.30%
7) Chloroethane-d5	1.68	69	120026	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.27	63	216477	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	4.17	46	262125	83.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.14%
24) Chloroform-d	4.65	84	255838	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.54%
26) 1,2-Dichloroethane-d4	5.31	65	172991	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
32) Benzene-d6	5.34	84	519697	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
36) 1,2-Dichloropropane-d6	6.33	67	185978	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.56	98	451740	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloropropene-	7.85	79	80147	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.58%
47) 2-Hexanone-d5	8.31	63	163850	78.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	237239	43.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	147862	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%

Target Compounds

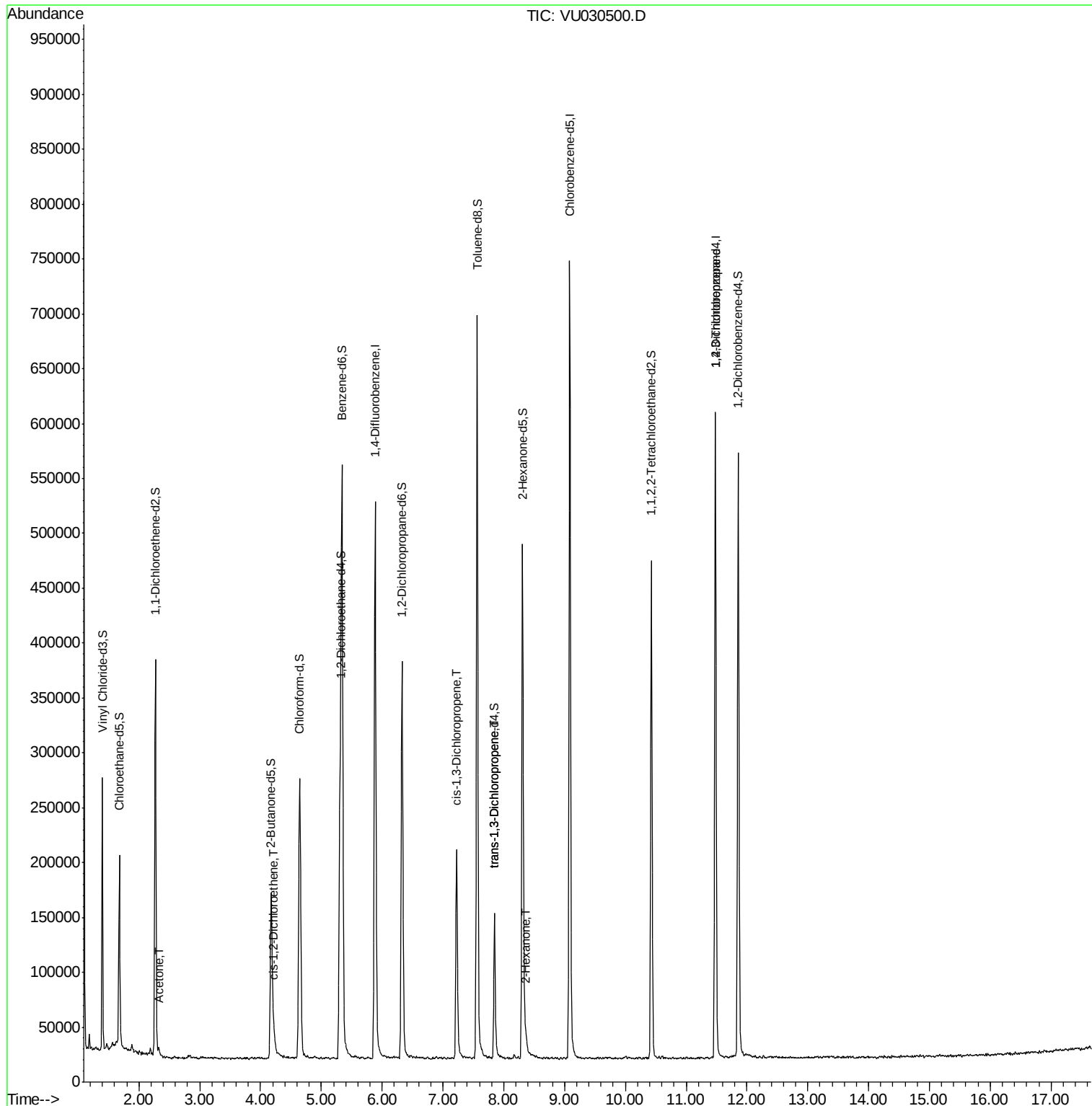
					Qvalue
13) Acetone	2.32	43	5005	1.570 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	2730	0.778 ug/L	93
39) cis-1,3-Dichloropropene	7.22	75	4477	0.822 ug/L #	35
44) trans-1,3-Dichloropropene	7.85	75	2955	0.617 ug/L #	77
48) 2-Hexanone	8.37	43	5690	1.091 ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	19192	4.162 ug/L #	85

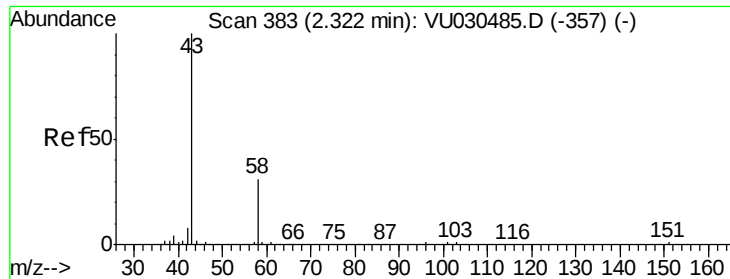
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.570 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030500.D

Acq: 27 Mar 2019 21:53

Instrument :

MSVOA_U

ClientSampleId :

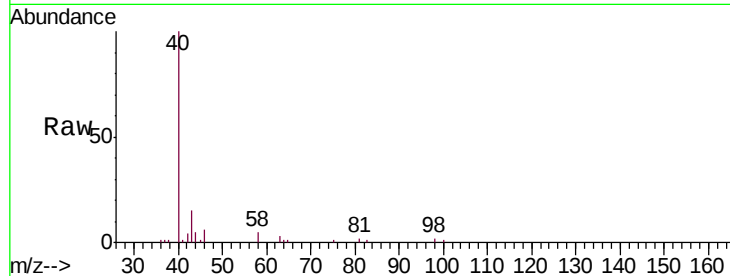
BF5D4

Tgt Ion: 43 Resp: 5005

Ion Ratio Lower Upper

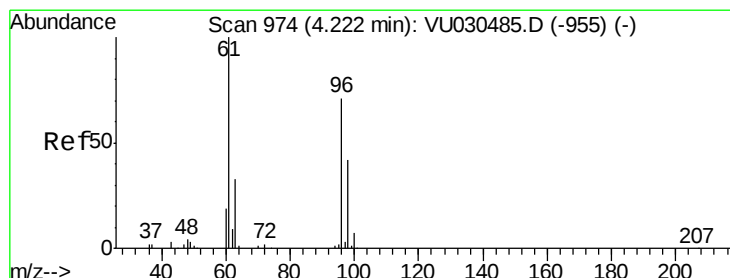
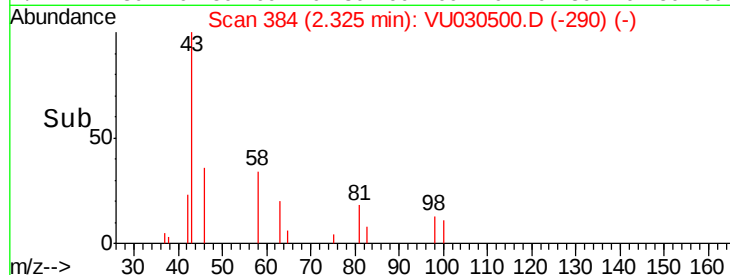
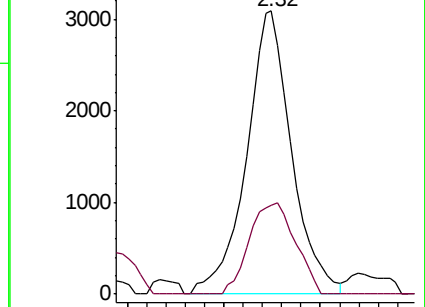
43 100

58 32.8 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030500.D (-290) (-)

Ion 58.00 (57.70 to 58.70): VU030500.D (-290) (-)



#20

cis-1,2-Dichloroethene

Concen: 0.778 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030500.D

Acq: 27 Mar 2019 21:53

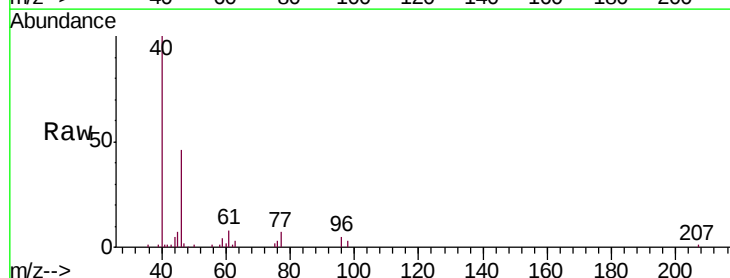
Tgt Ion: 96 Resp: 2730

Ion Ratio Lower Upper

96 100

61 149.4 98.4 182.8

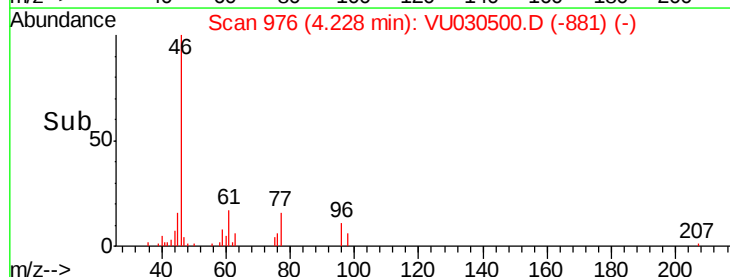
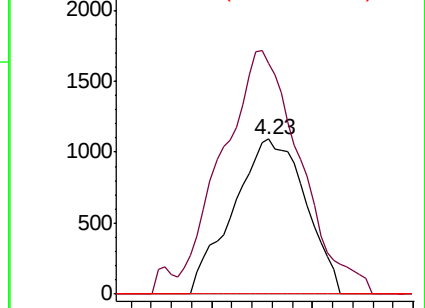
68 0.0 0.0 0.0

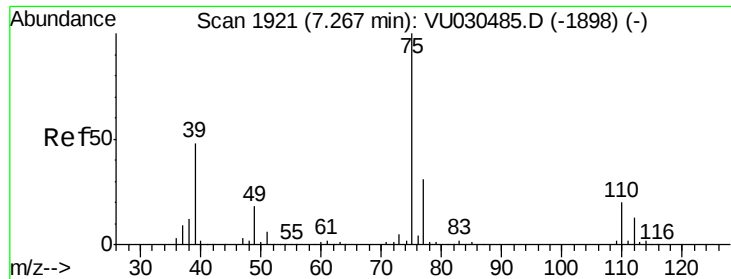


Abundance Ion 96.00 (95.70 to 96.70): VU030500.D (-881) (-)

Ion 61.00 (60.70 to 61.70): VU030500.D (-881) (-)

Ion 68.00 (67.70 to 68.70): VU030500.D (-881) (-)

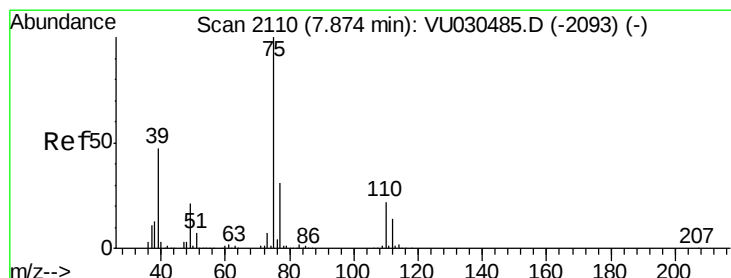
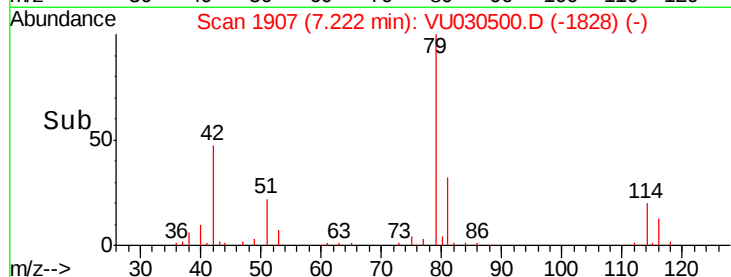
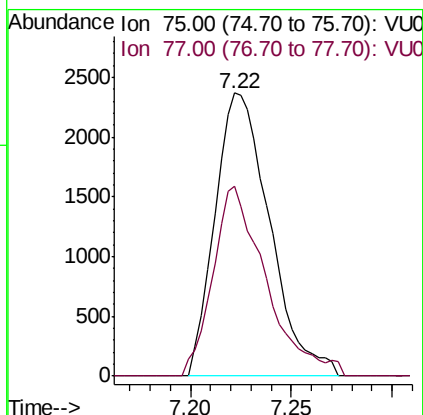
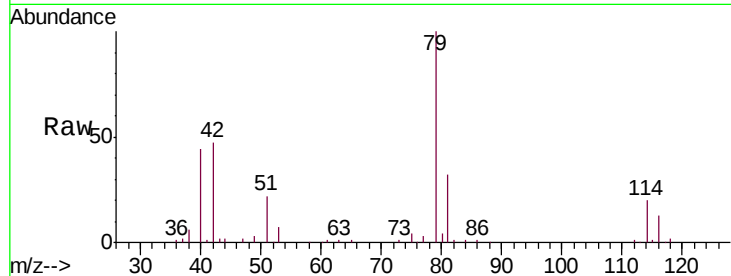




#39
 cis-1,3-Dichloropropene
 Concen: 0.822 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU030500.D
 Acq: 27 Mar 2019 21:53

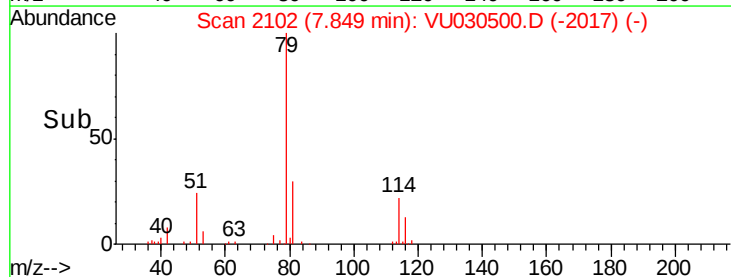
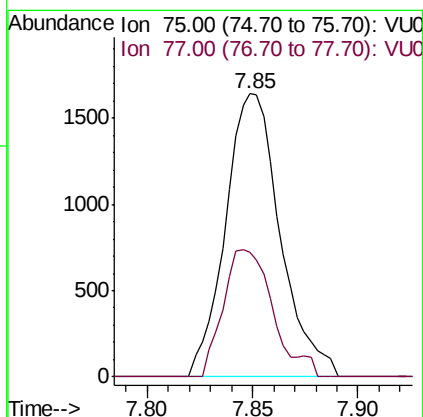
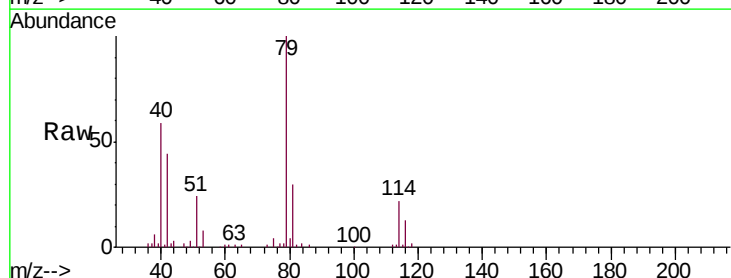
Instrument :
 MSVOA_U
 ClientSampled :
 BF5D4

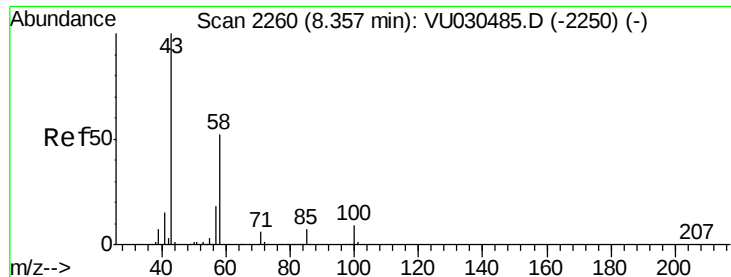
Tgt Ion: 75 Resp: 4477
 Ion Ratio Lower Upper
 75 100
 77 67.3 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.617 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030500.D
 Acq: 27 Mar 2019 21:53

Tgt Ion: 75 Resp: 2955
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.0 40.8#

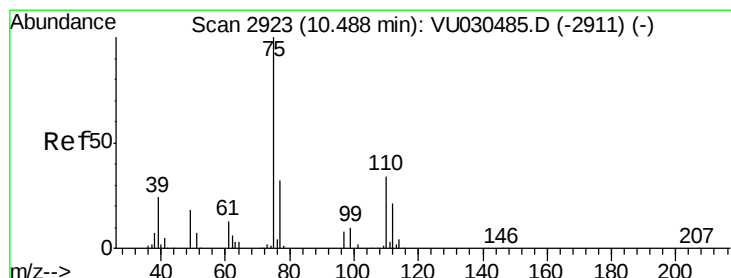
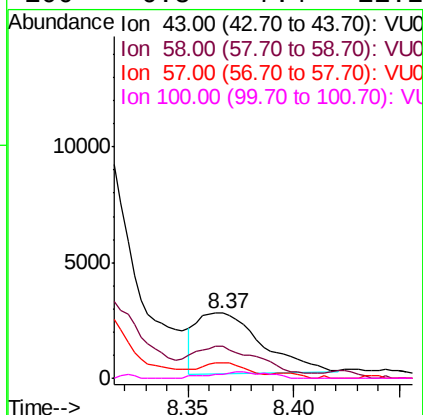
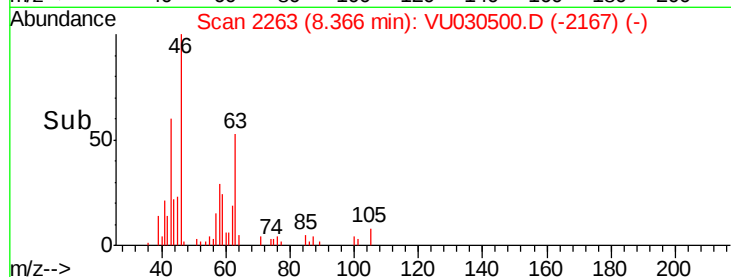
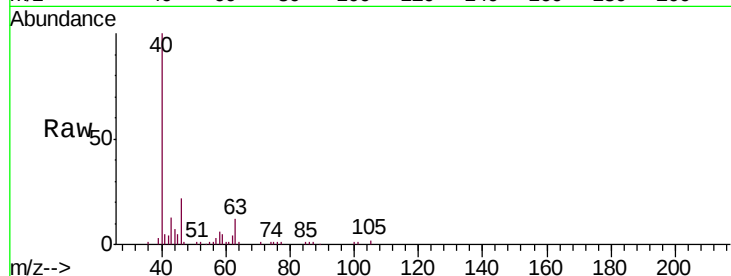




#48
2-Hexanone
Concen: 1.091 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030500.D
Acq: 27 Mar 2019 21:53

Instrument :
MSVOA_U
ClientSampleId :
BF5D4

Tgt Ion: 43 Resp: 5690
Ion Ratio Lower Upper
43 100
58 58.6 42.5 63.7
57 18.5 15.0 22.6
100 6.8 7.4 11.2#



#59
1,2,3-Trichloropropane
Concen: 4.162 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030500.D
Acq: 27 Mar 2019 21:53

Tgt Ion: 75 Resp: 19192
Ion Ratio Lower Upper
75 100
77 40.1 25.4 38.2#

