

Data File : VU030550.D
Acq On : 29 Mar 2019 18:32
Operator : JC/SP
Sample : K2168-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF876

Quant Time: Mar 30 02:15:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	409679	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	395092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149182	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144271	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.68	69	127883	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.88%
11) 1,1-Dichloroethene-d2	2.27	63	216210	34.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.14%
21) 2-Butanone-d5	4.18	46	294672	95.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.07%
24) Chloroform-d	4.65	84	279860	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
26) 1,2-Dichloroethane-d4	5.31	65	189358	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
32) Benzene-d6	5.34	84	548863	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	6.33	67	199812	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.56	98	447955	44.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.04%
43) trans-1,3-Dichloropropene-	7.85	79	80232	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
47) 2-Hexanone-d5	8.31	63	186958	89.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272516	49.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	158204	52.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.86%

Target Compounds

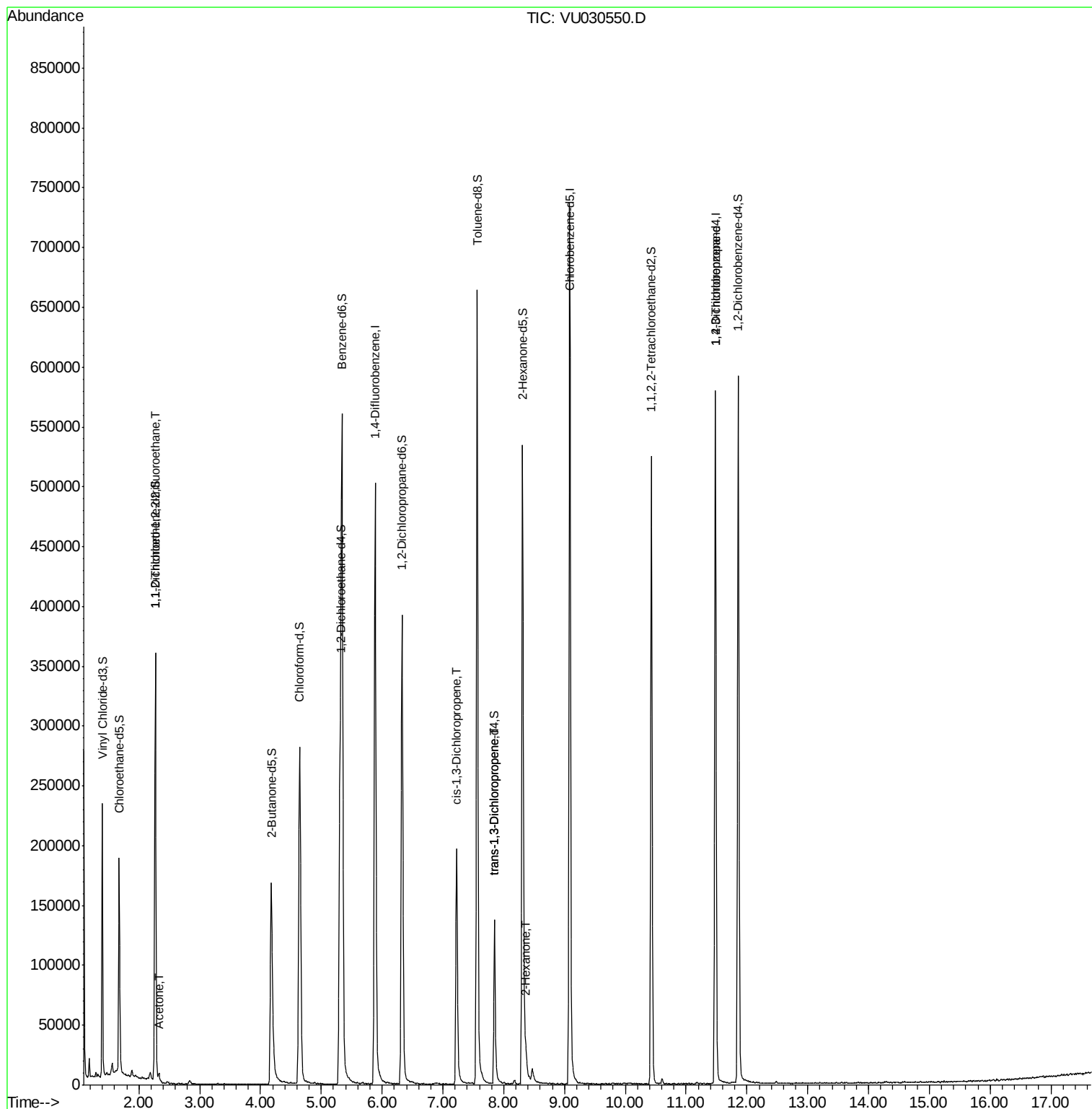
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1982	0.663 ug/L #	21
13) Acetone	2.32	43	2770	0.884 ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	4840	0.882 ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	3626	0.751 ug/L	91
48) 2-Hexanone	8.37	43	8146	1.550 ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	19565	4.211 ug/L #	86

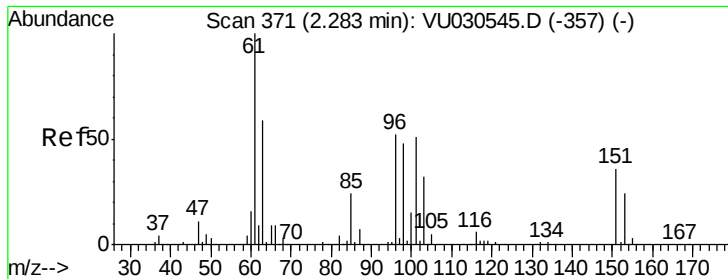
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration





#10

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

Concen: 0.663 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

BF876

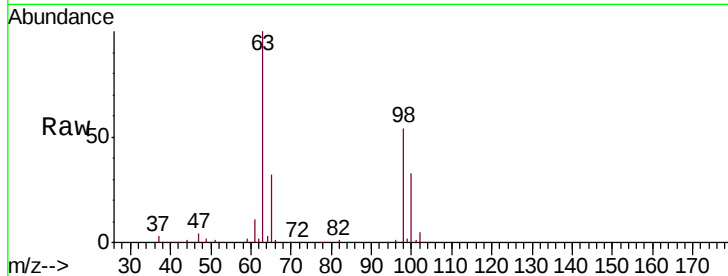
Tgt Ion:101 Resp: 1982

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

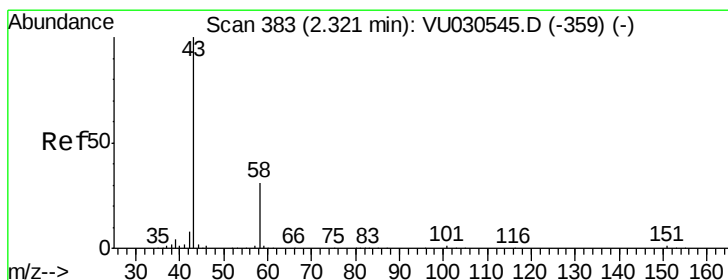
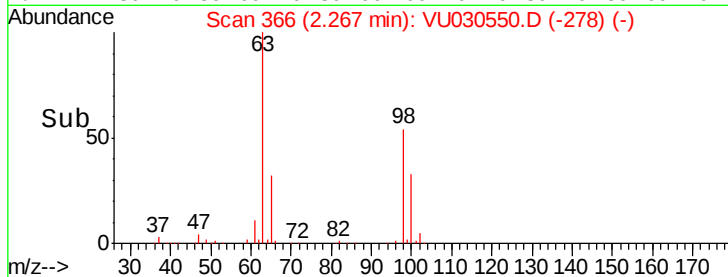
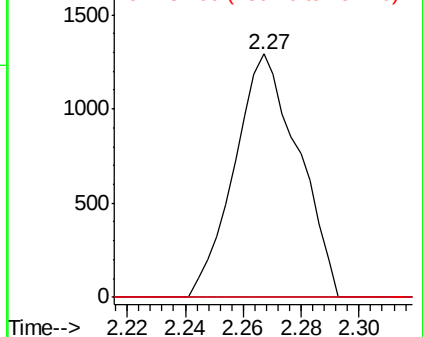
151 0.0 56.6 85.0#



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



#13

Acetone

Concen: 0.884 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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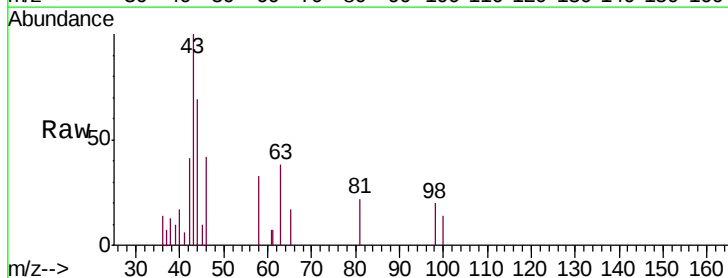
Acq: 29 Mar 2019 18:32

Tgt Ion: 43 Resp: 2770

Ion Ratio Lower Upper

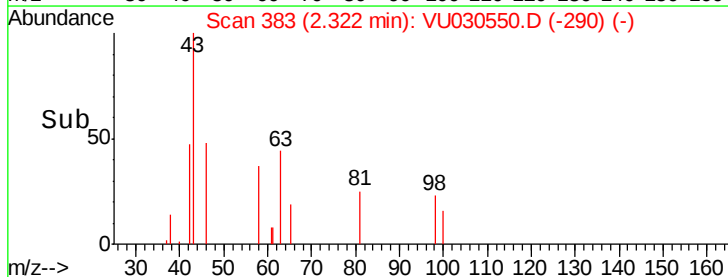
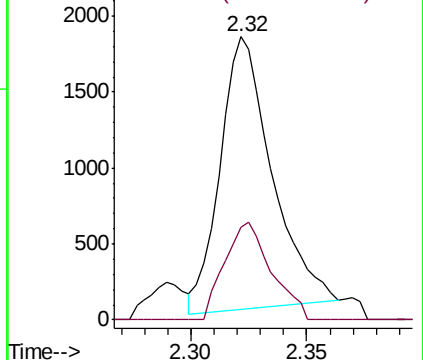
43 100

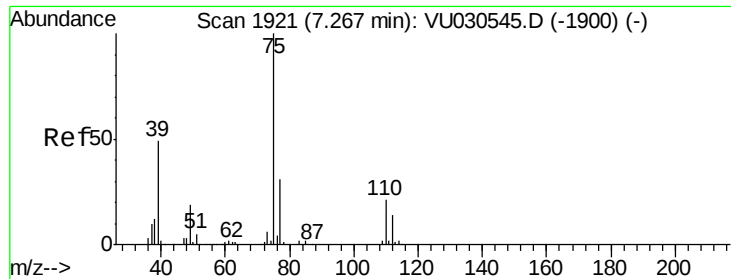
58 32.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

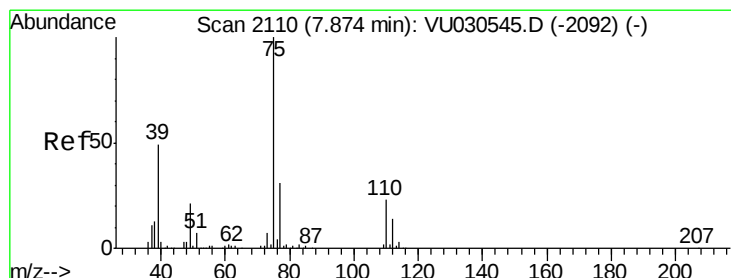
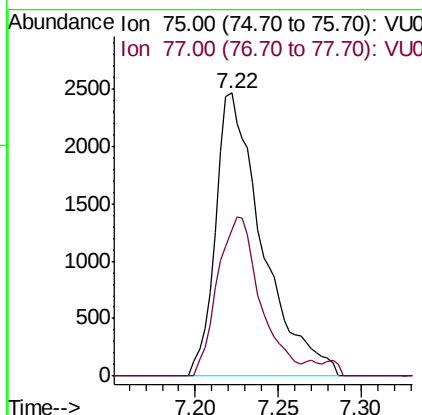
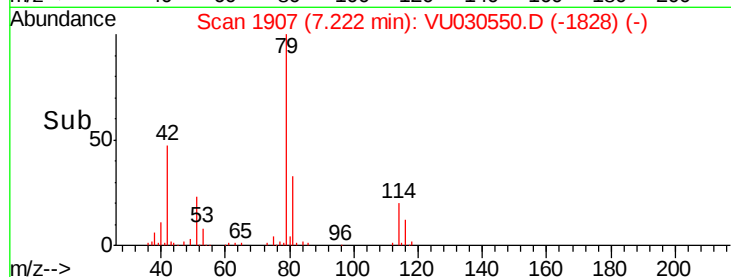
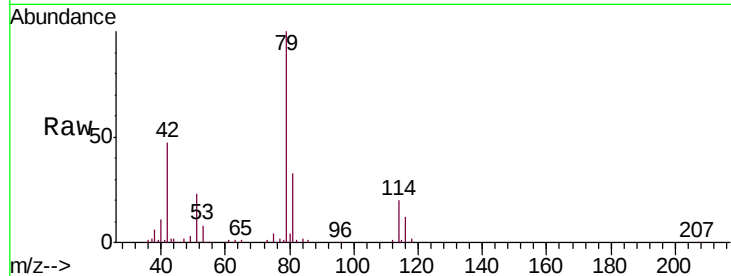




#39
 cis-1,3-Dichloropropene
 Concen: 0.882 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU030550.D
 Acq: 29 Mar 2019 18:32

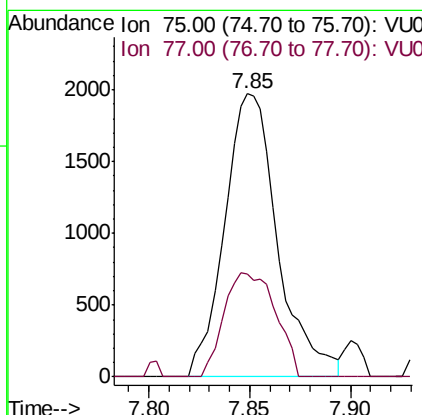
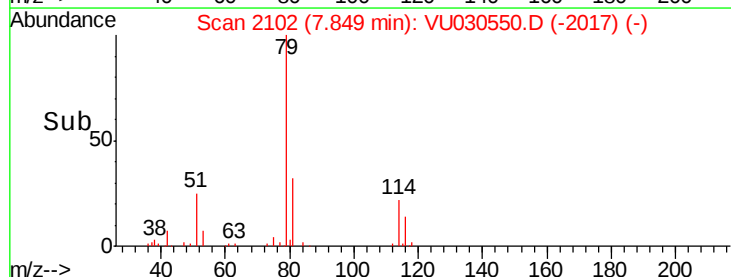
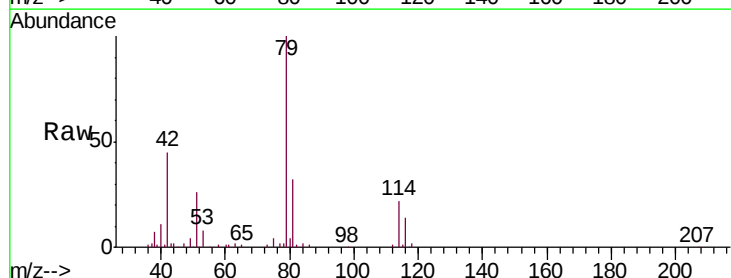
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 ClientSampled :
 BF876

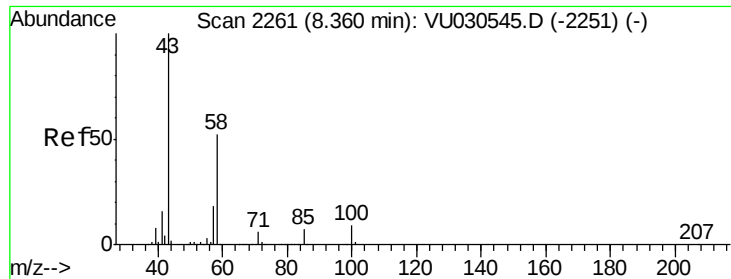
Tgt Ion: 75 Resp: 4840
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.751 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030550.D
 Acq: 29 Mar 2019 18:32

Tgt Ion: 75 Resp: 3626
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.0 40.8

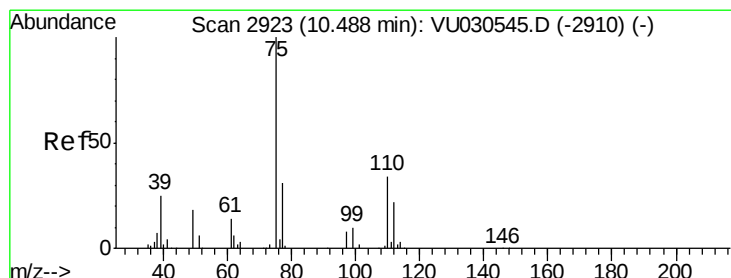
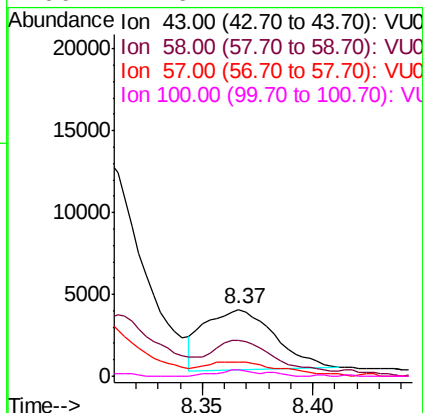
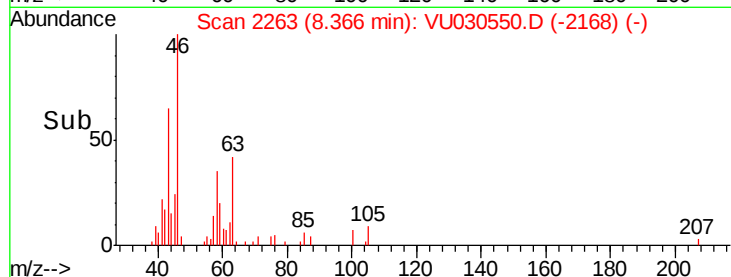
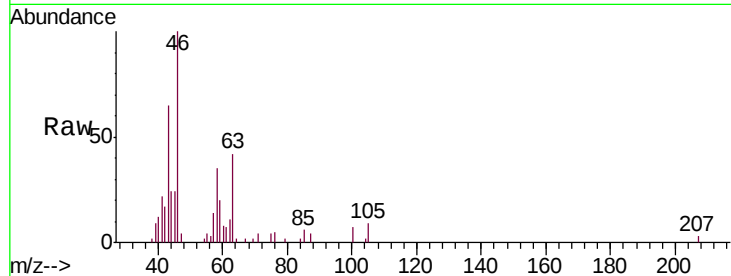




#48
2-Hexanone
Concen: 1.550 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030550.D
Acq: 29 Mar 2019 18:32

Instrument :
MSVOA_U
ClientSampleId :
BF876

Tgt Ion: 43 Resp: 8146
Ion Ratio Lower Upper
43 100
58 53.0 42.5 63.7
57 26.5 15.0 22.6#
100 4.6 7.4 11.2#



#59
1,2,3-Trichloropropane
Concen: 4.211 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030550.D
Acq: 29 Mar 2019 18:32

Tgt Ion: 75 Resp: 19565
Ion Ratio Lower Upper
75 100
77 39.5 25.4 38.2#

