

Data File : VU030128.D
Acq On : 15 Mar 2019 21:57
Operator : JC/SP
Sample : K1917-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09G8

Quant Time: Mar 16 00:57:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:52:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	509974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504058	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121854	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.24%
7) Chloroethane-d5	1.68	69	110149	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.90%
11) 1,1-Dichloroethene-d2	2.27	63	181594	29.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.66%#
21) 2-Butanone-d5	4.18	46	258597	102.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.65	84	275434	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.31	65	167373	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
32) Benzene-d6	5.34	84	572811	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
36) 1,2-Dichloropropane-d6	6.33	67	188146	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.56	98	520619	42.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.70%
43) trans-1,3-Dichloropropene-	7.85	79	74115	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.06%
47) 2-Hexanone-d5	8.31	63	207645	93.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291491	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	223217	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1955	0.584	ug/L #	17
13) Acetone	2.32	43	4091	1.384	ug/L	92
37) 1,2-Dichloropropane	6.33	63	17997	4.744	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3825	0.648	ug/L #	55
48) 2-Hexanone	8.37	43	4607	1.054	ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	24208	4.899	ug/L	96

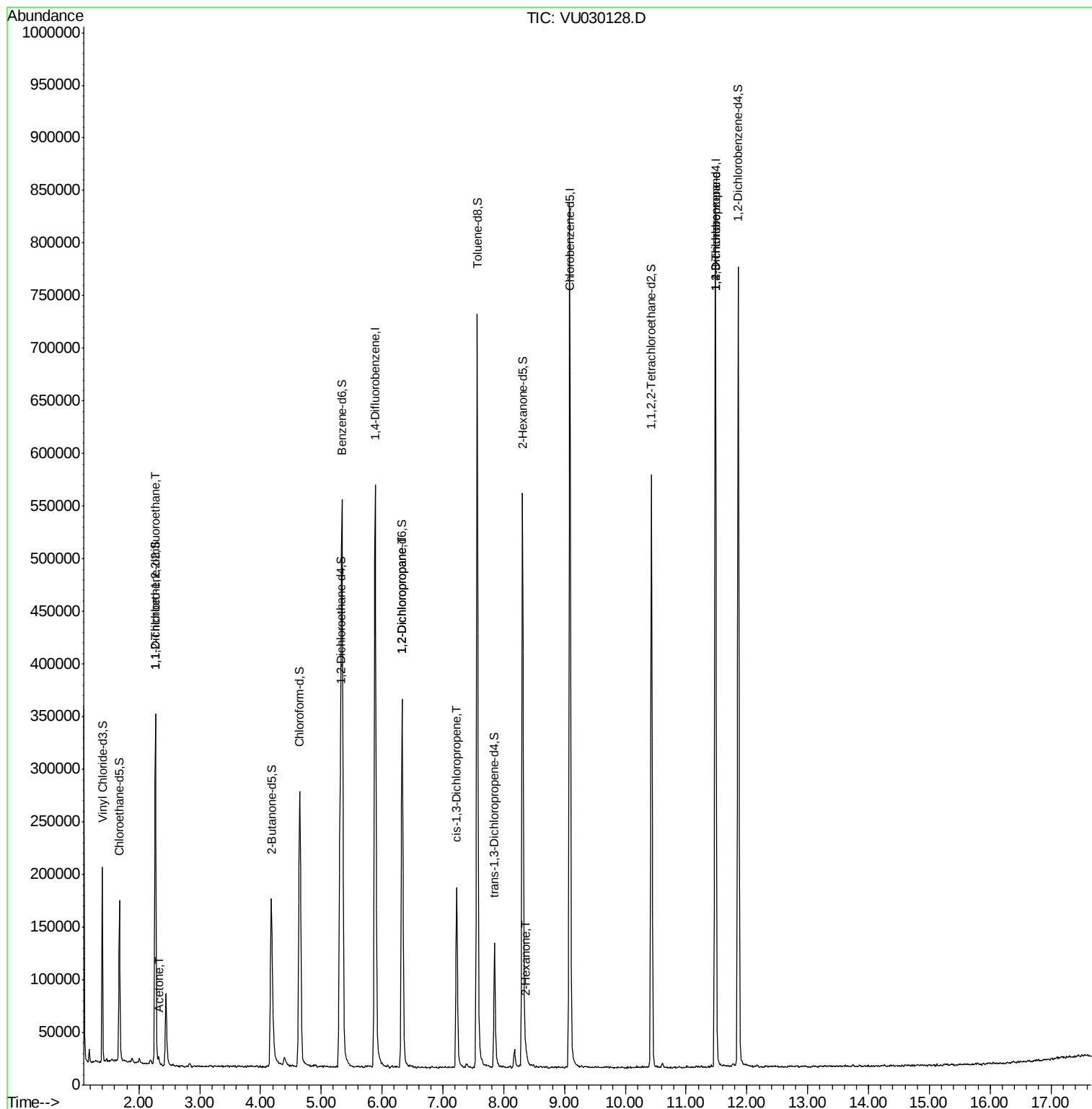
(#) = qualifier out of range (m) = manual integration (+) = signals summed

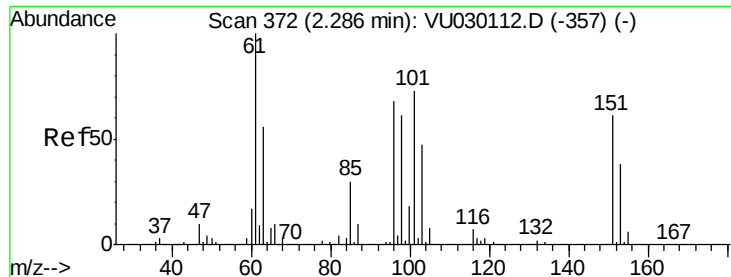
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#10

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

Concen: 0.584 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030128.D

Acq: 15 Mar 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

C09G8

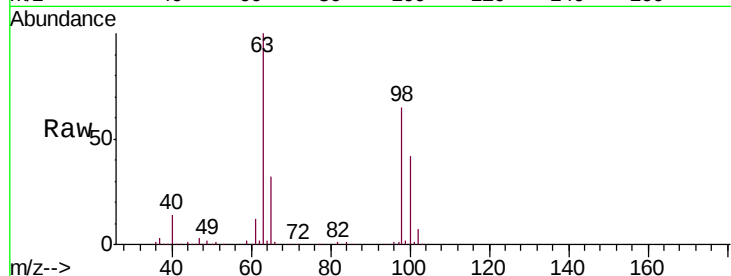
Tgt Ion: 101 Resp: 1955

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

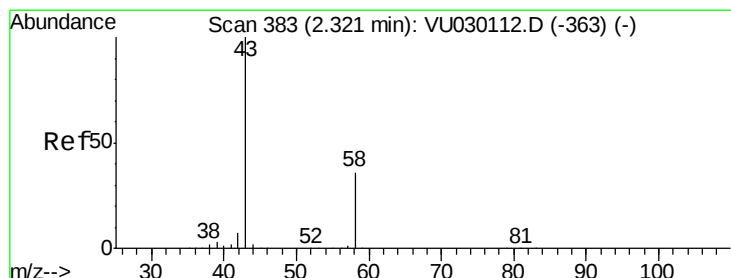
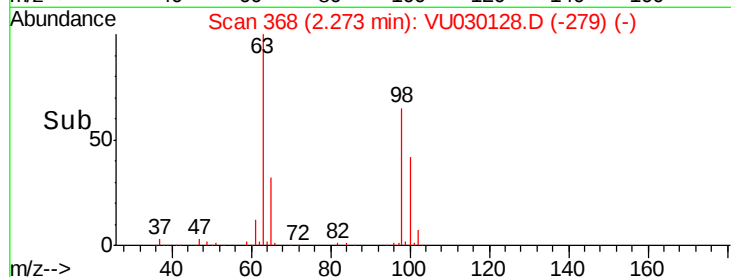
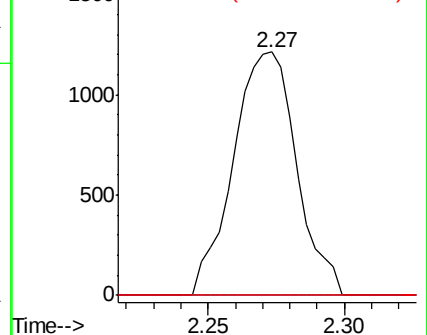
151 0.0 66.1 99.1#



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



#13

Acetone

Concen: 1.384 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

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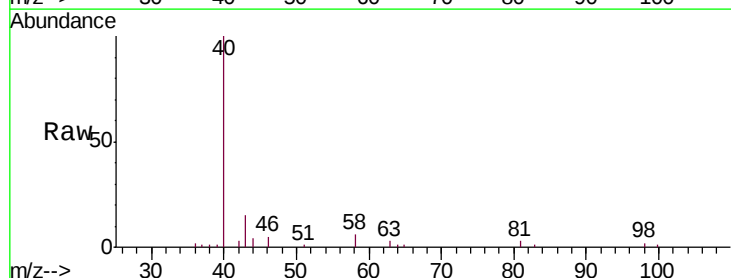
Acq: 15 Mar 2019 21:57

Tgt Ion: 43 Resp: 4091

Ion Ratio Lower Upper

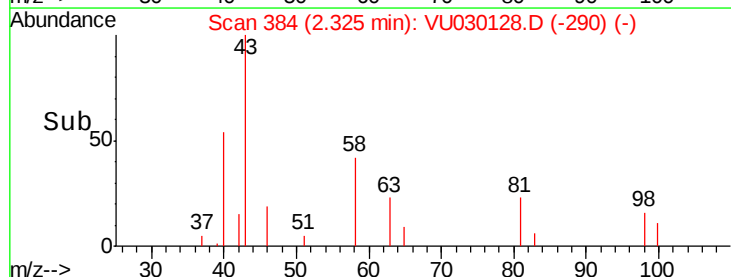
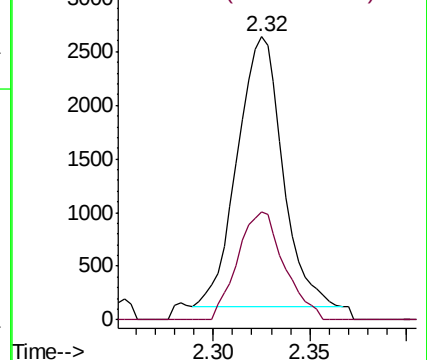
43 100

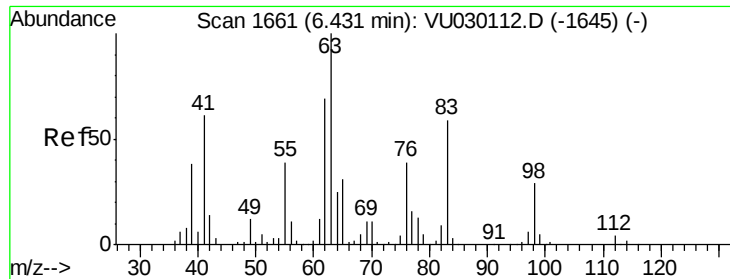
58 41.1 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

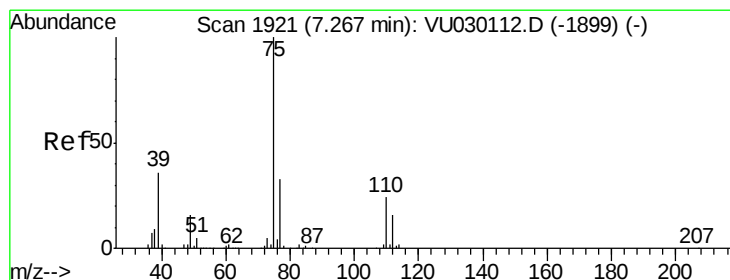
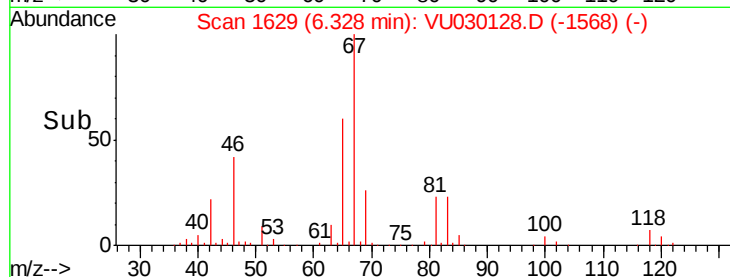
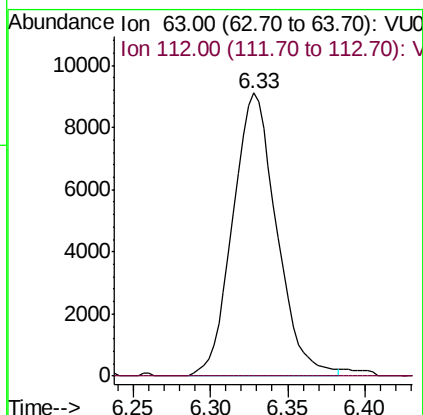
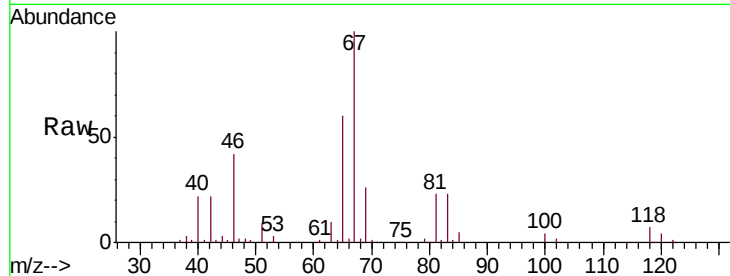




#37
 1,2-Dichloropropane
 Concen: 4.744 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030128.D
 Acq: 15 Mar 2019 21:57

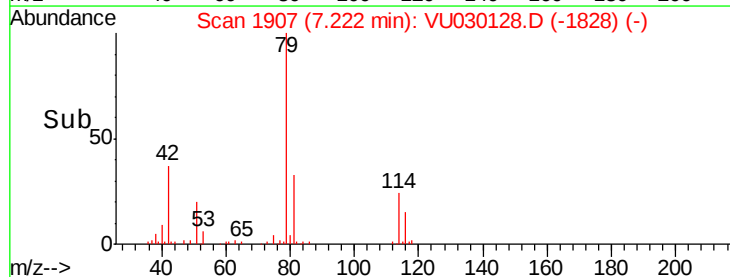
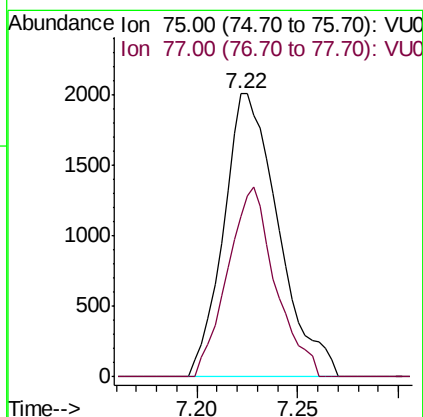
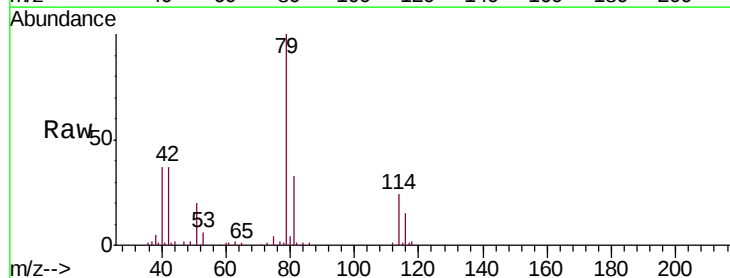
Instrument :
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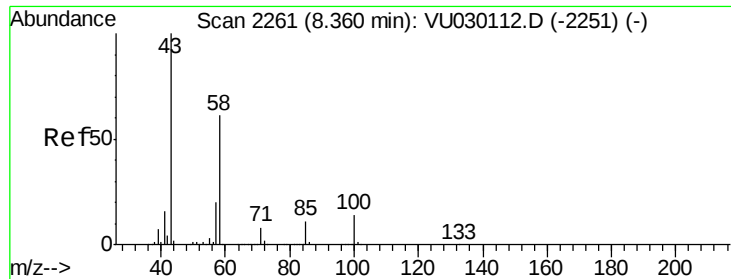
Tgt Ion: 63 Resp: 17997
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.648 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU030128.D
 Acq: 15 Mar 2019 21:57

Tgt Ion: 75 Resp: 3825
 Ion Ratio Lower Upper
 75 100
 77 56.7 22.2 41.2#

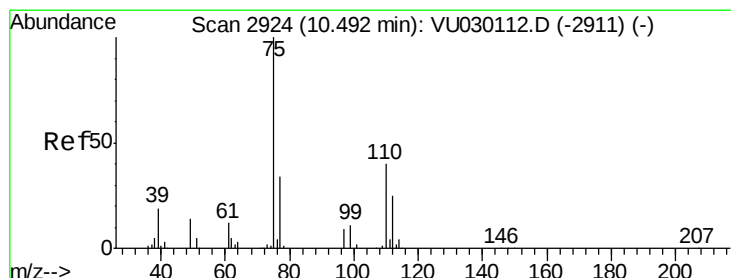
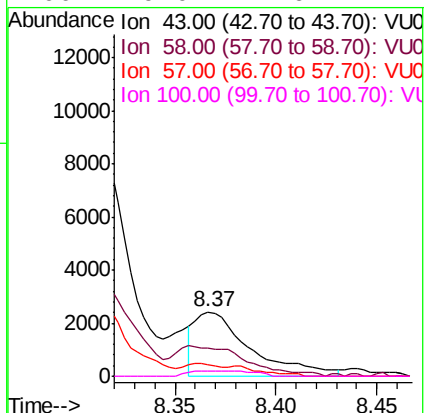
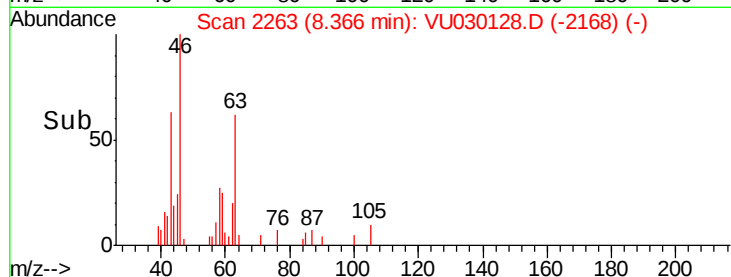
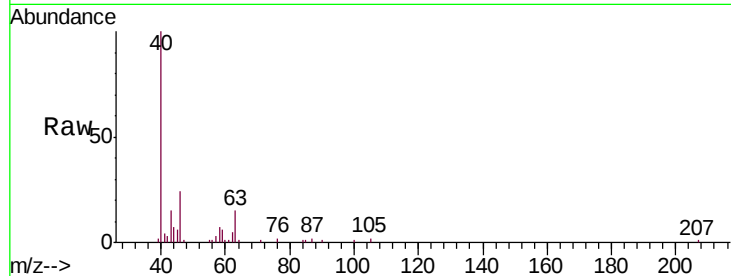




#48
2-Hexanone
Concen: 1.054 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030128.D
Acq: 15 Mar 2019 21:57

Instrument :
MSVOA_U
ClientSampleId :
C09G8

Tgt Ion: 43 Resp: 4607
Ion Ratio Lower Upper
43 100
58 50.7 48.6 72.8
57 4.1 16.1 24.1#
100 9.0 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 4.899 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030128.D
Acq: 15 Mar 2019 21:57

Tgt Ion: 75 Resp: 24208
Ion Ratio Lower Upper
75 100
77 34.7 25.8 38.8

