

Data File : VU030516.D
Acq On : 28 Mar 2019 15:49
Operator : JC/SP
Sample : K2022-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 29 01:22:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	377787	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	362029	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	157504	51.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.60%
7) Chloroethane-d5	1.67	69	127317	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.66%
11) 1,1-Dichloroethene-d2	2.27	63	223756	38.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.60%
21) 2-Butanone-d5	4.17	46	274377	96.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	4.64	84	268554	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
26) 1,2-Dichloroethane-d4	5.31	65	183416	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.02%
32) Benzene-d6	5.34	84	544845	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.96%
36) 1,2-Dichloropropane-d6	6.32	67	192418	54.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.34%
41) Toluene-d8	7.56	98	481342	51.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.24%
43) trans-1,3-Dichloropropene-	7.85	79	84017	50.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.60%
47) 2-Hexanone-d5	8.31	63	148604	77.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	255625	50.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	156048	54.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.58%

Target Compounds

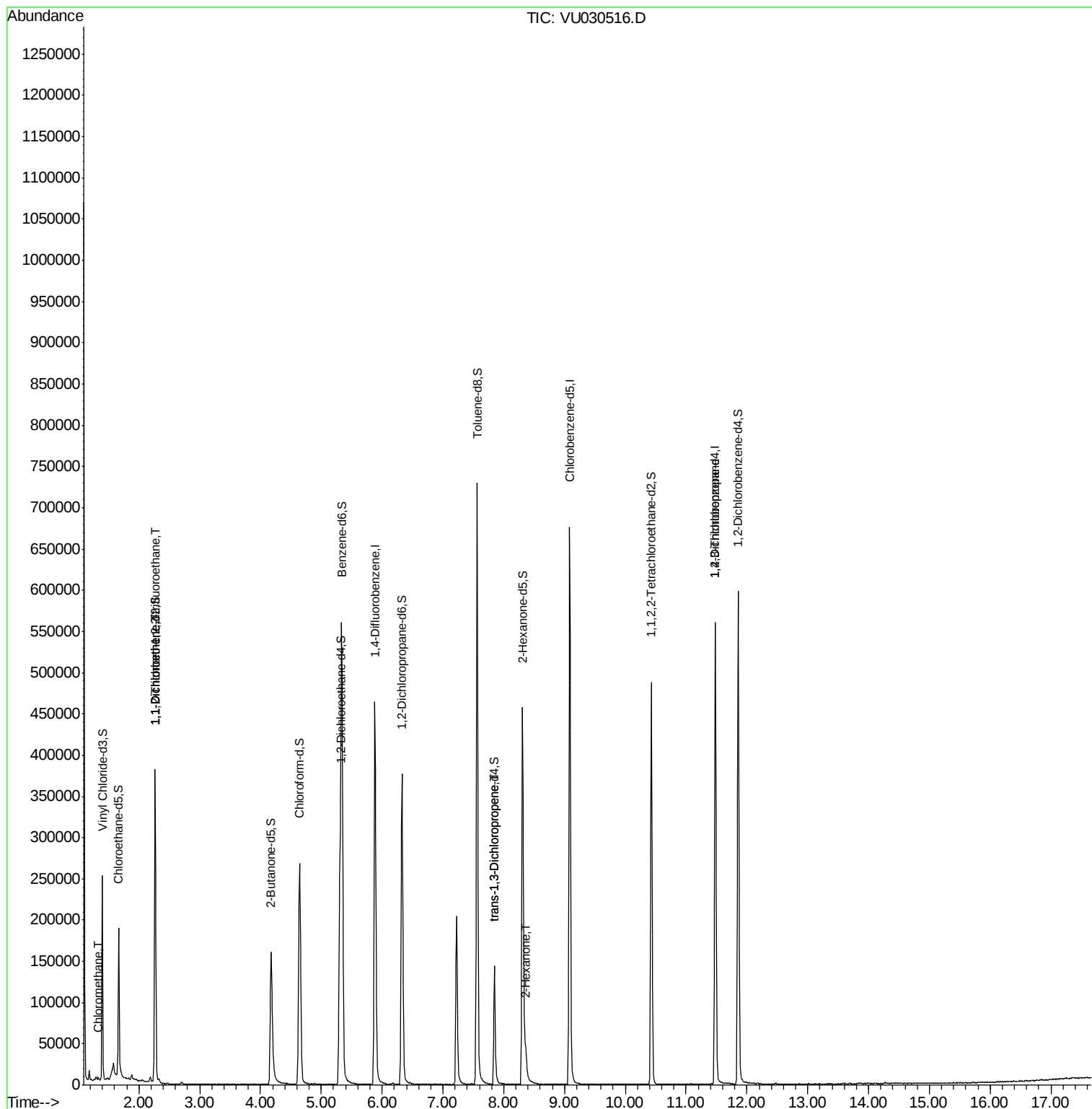
					Qvalue
3) Chloromethane	1.33	50	3751	0.805 ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2167	0.786 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	1686	0.624 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3711	0.839 ug/L	100
48) 2-Hexanone	8.36	43	18457	3.833 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	19033	4.471 ug/L	93

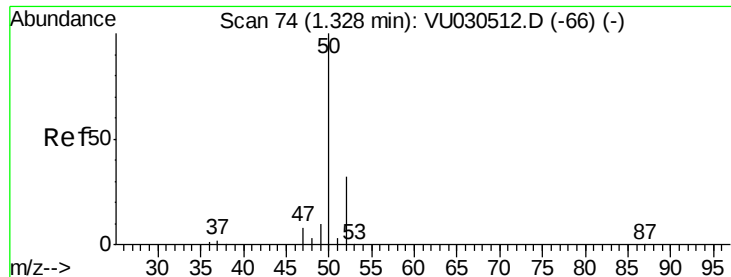
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.805 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

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Acq: 28 Mar 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

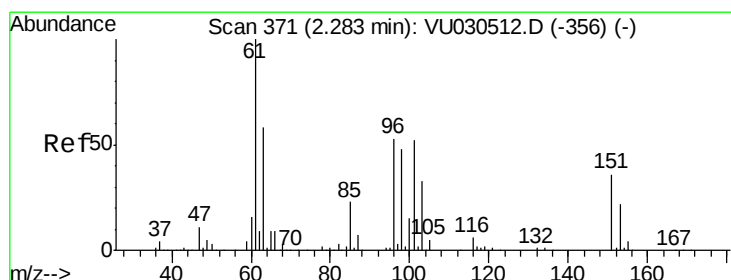
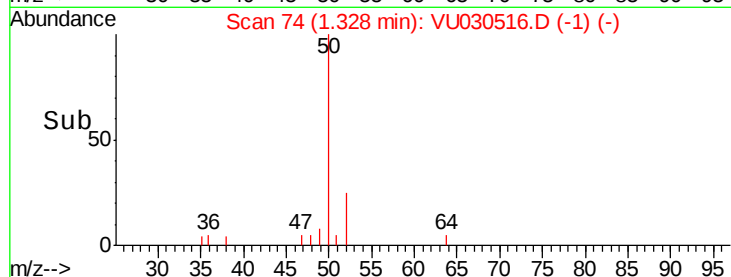
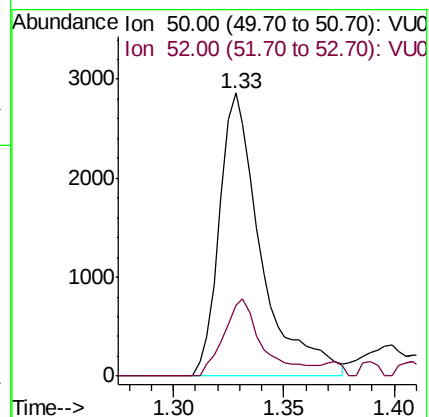
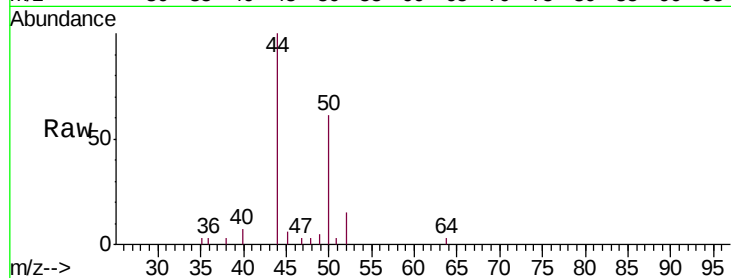
VHBLK01

Tgt Ion: 50 Resp: 3751

Ion Ratio Lower Upper

50 100

52 24.9 23.0 42.6



#10

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

Concen: 0.786 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030516.D

Acq: 28 Mar 2019 15:49

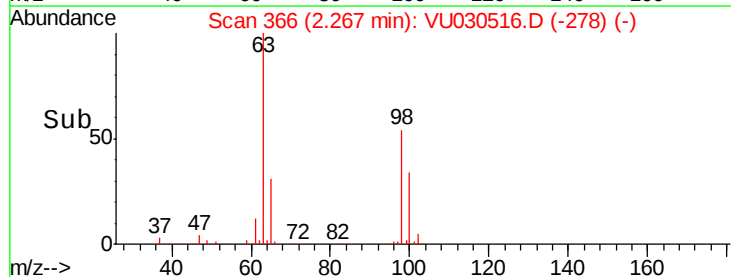
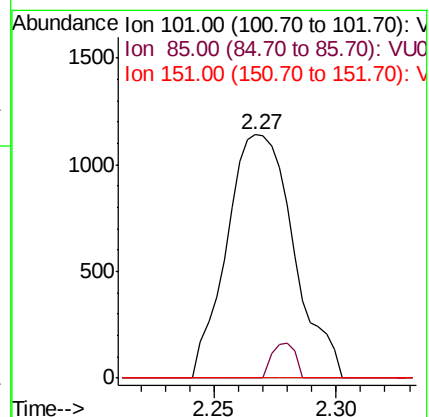
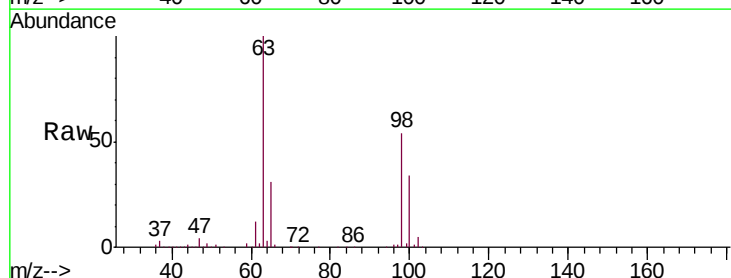
Tgt Ion: 101 Resp: 2167

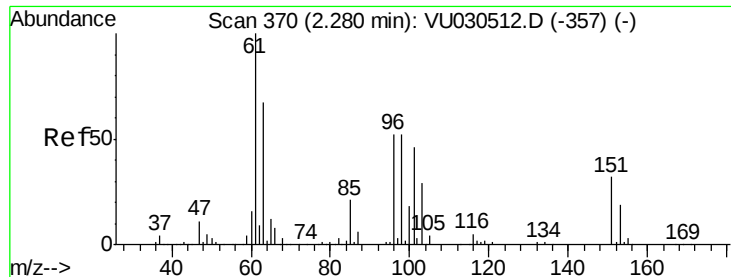
Ion Ratio Lower Upper

101 100

85 5.0 34.8 52.2#

151 0.0 56.6 85.0#





#12

1,1-Dichloroethene

Concen: 0.624 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030516.D

Acq: 28 Mar 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

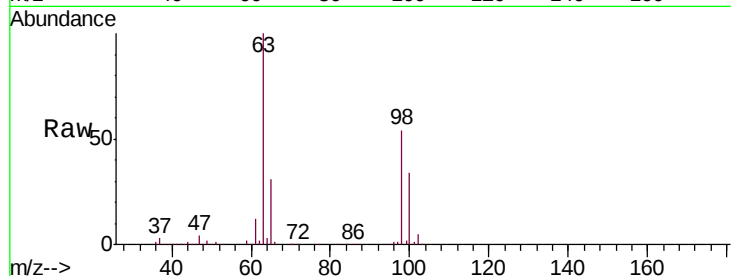
Tgt Ion: 96 Resp: 1686

Ion Ratio Lower Upper

96 100

61 1451.7 131.0 243.4#

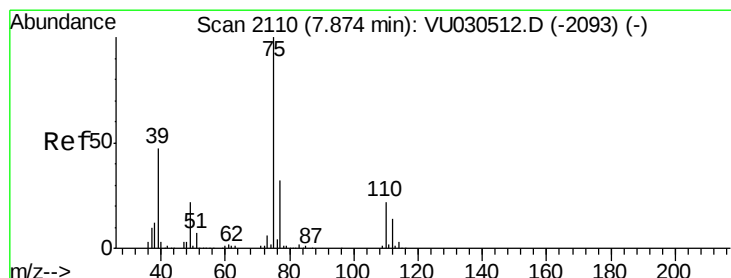
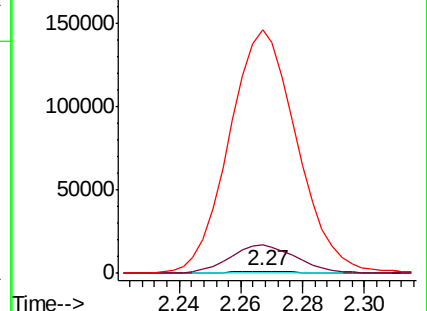
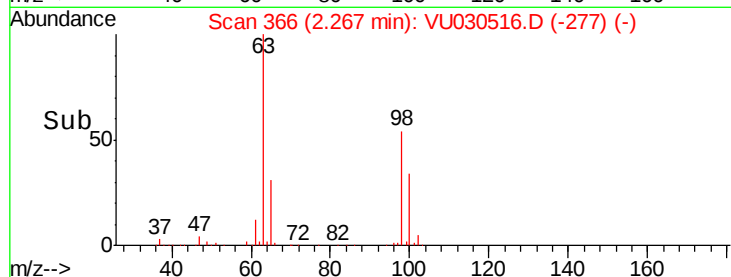
63 12541.8 92.4 171.6#



Abundance Ion 96.00 (95.70 to 96.70): VU030516.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU030516.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU030516.D (-277) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.839 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030516.D

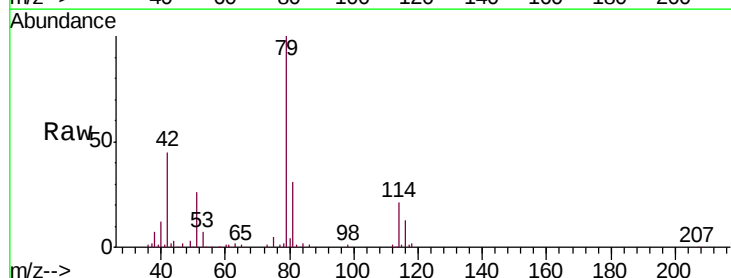
Acq: 28 Mar 2019 15:49

Tgt Ion: 75 Resp: 3711

Ion Ratio Lower Upper

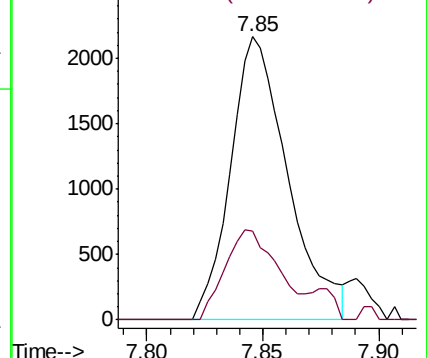
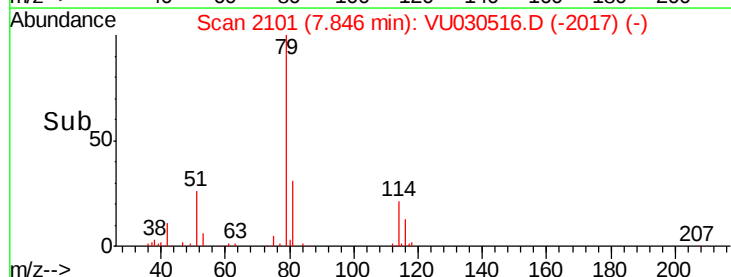
75 100

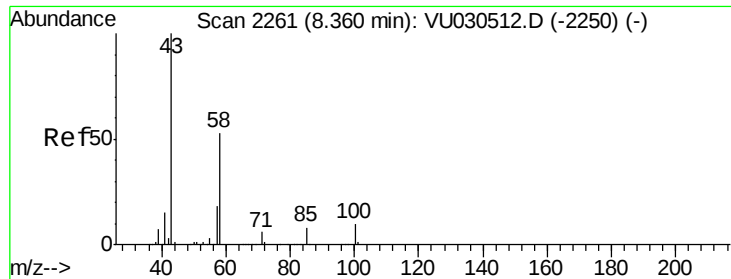
77 31.2 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030516.D (-217) (-)

Ion 77.00 (76.70 to 77.70): VU030516.D (-217) (-)

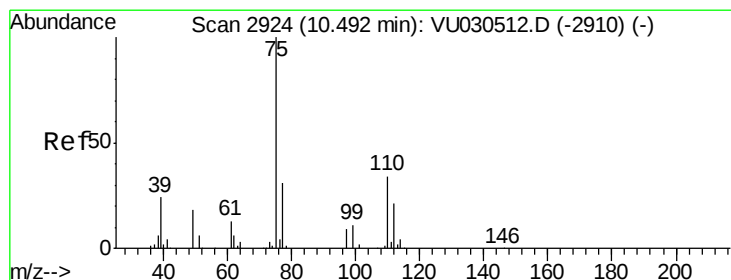
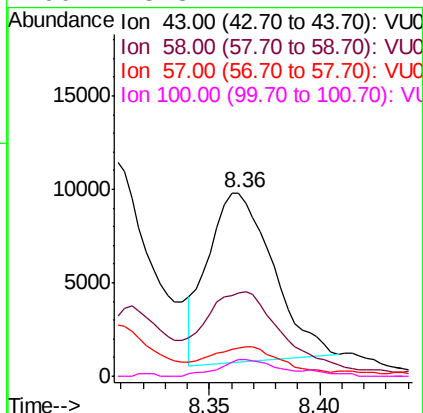
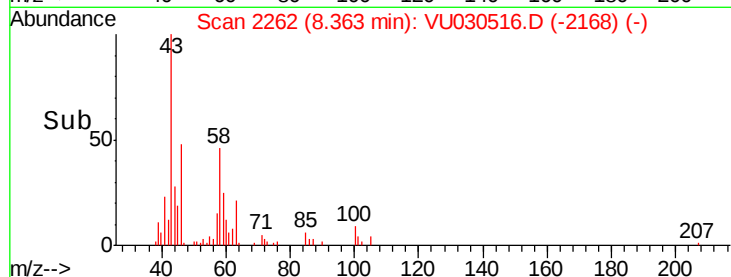
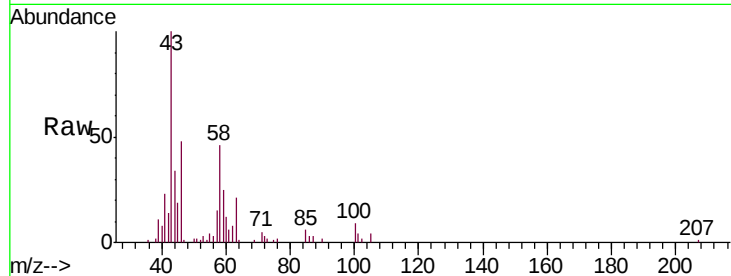




#48
2-Hexanone
Concen: 3.833 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030516.D
Acq: 28 Mar 2019 15:49

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 18457
Ion Ratio Lower Upper
43 100
58 54.0 42.5 63.7
57 16.0 15.0 22.6
100 8.3 7.4 11.2



#59
1,2,3-Trichloropropane
Concen: 4.471 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030516.D
Acq: 28 Mar 2019 15:49

Tgt Ion: 75 Resp: 19033
Ion Ratio Lower Upper
75 100
77 35.8 25.4 38.2

