

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030859.D
 Acq On : 07 Apr 2019 16:09
 Operator : JC/SP
 Sample : K2283-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ92

Quant Time: Apr 08 03:40:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 03:35:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	246621	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	255928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101771	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113254	6.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.20%
7) Chloroethane-d5	1.68	69	93103	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.60%
11) 1,1-Dichloroethene-d2	2.27	63	166250	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.19	46	310937	64.03	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.06%
24) Chloroform-d	4.64	84	162868	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.31	65	106752	6.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.80%
32) Benzene-d6	5.33	84	357442	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.33	67	124534	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.56	98	289503	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	41375	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.31	63	194437	53.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96689	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	100399	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

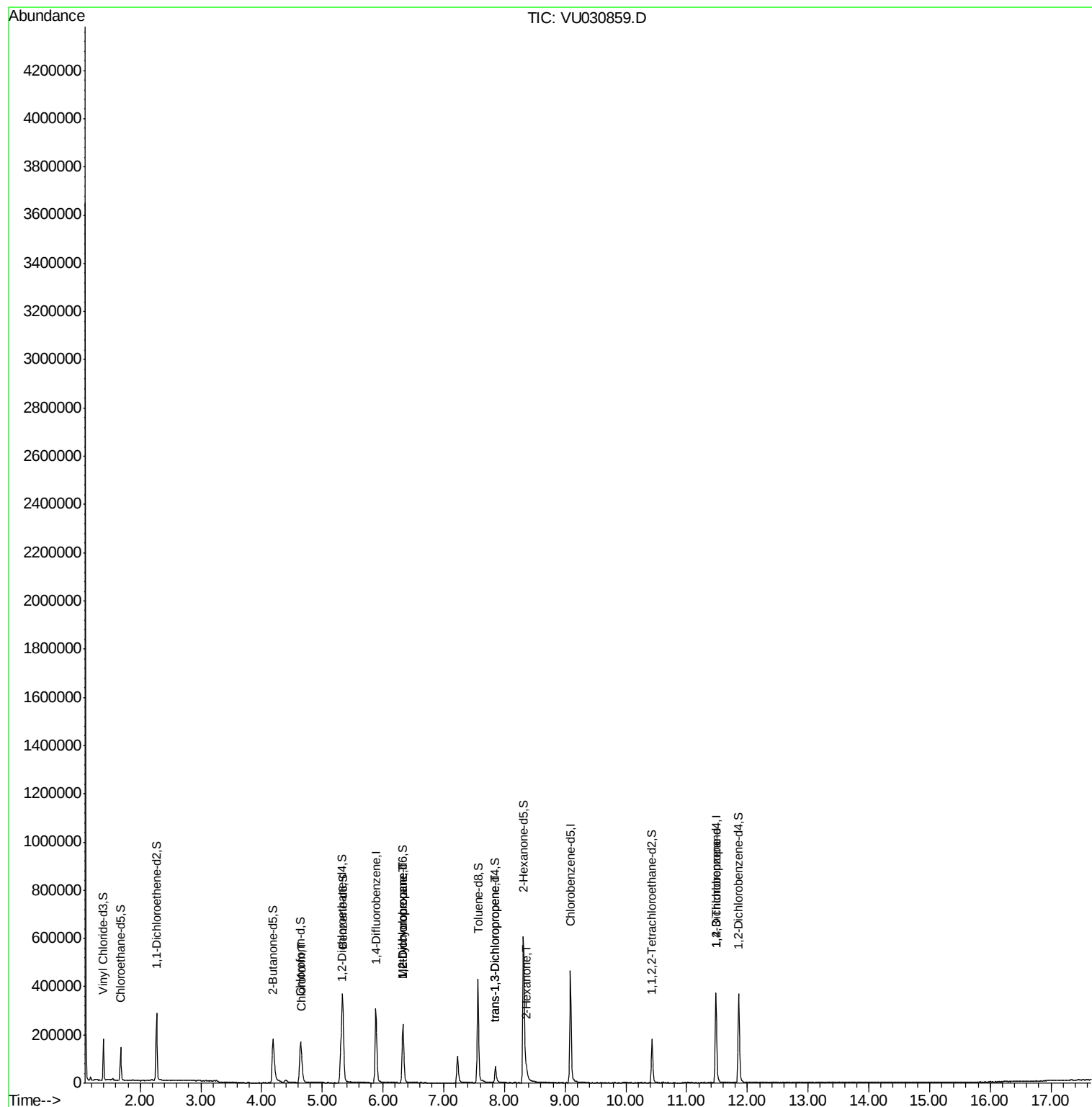
					Qvalue
25) Chloroform	4.67	83	27344	0.746 ug/L	92
35) Methylcyclohexane	6.33	83	26708	0.772 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	13070	0.549 ug/L #	91
44) trans-1,3-Dichloropropene	7.85	75	1979	0.080 ug/L	88
48) 2-Hexanone	8.37	43	22152	2.151 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	13064	0.981 ug/L #	83

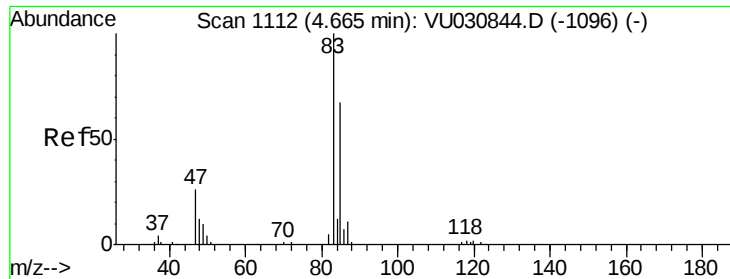
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.746 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

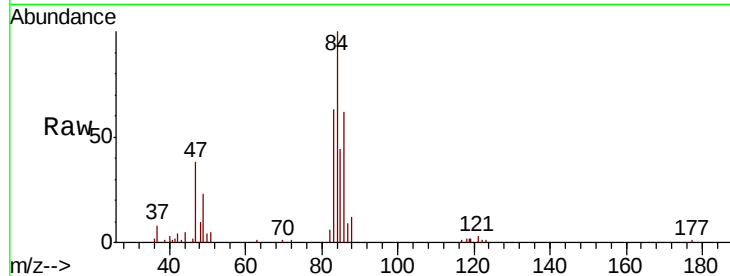
BEZ92

Tgt Ion: 83 Resp: 27344

Ion Ratio Lower Upper

83 100

85 69.4 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030844.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU030844.D (-1096) (-)

4.67

12000

10000

8000

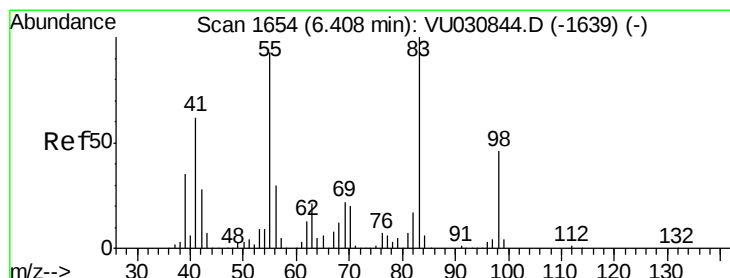
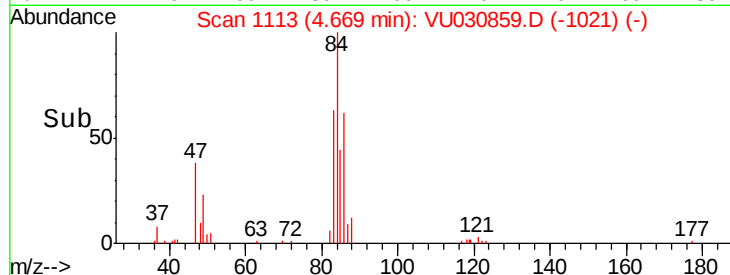
6000

4000

2000

0

Time-->



#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030859.D

Acq: 07 Apr 2019 16:09

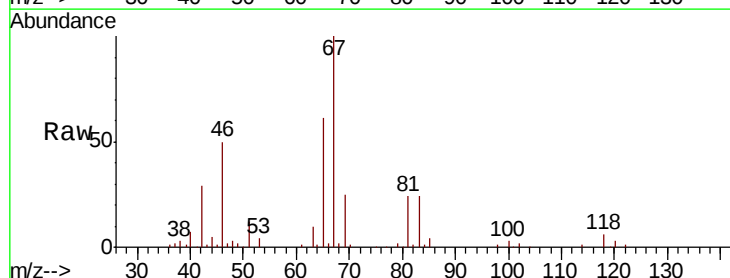
Tgt Ion: 83 Resp: 26708

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

98 1.4 35.0 52.6#



Abundance Ion 83.15 (82.85 to 83.85): VU030844.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU030844.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU030844.D (-1639) (-)

20000

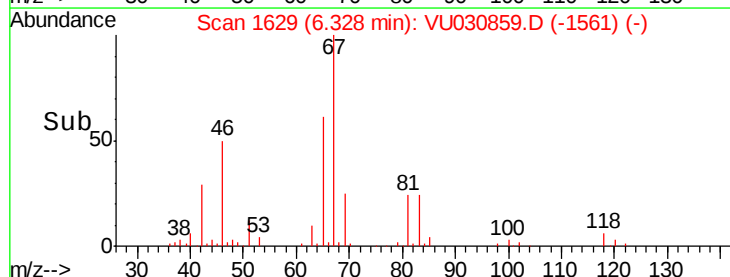
15000

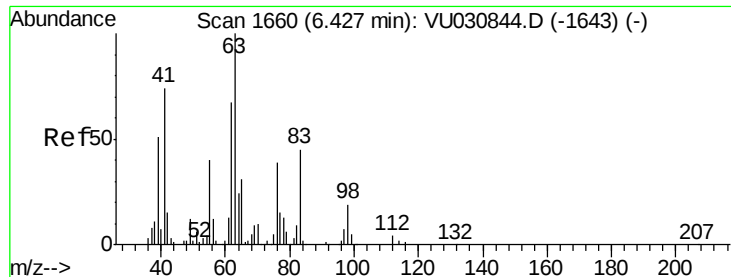
10000

5000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030859.D

Acq: 07 Apr 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

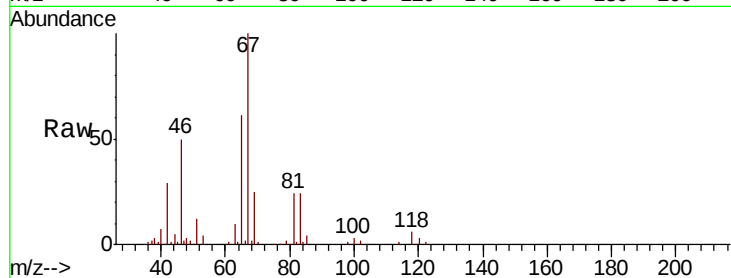
BEZ92

Tgt Ion: 63 Resp: 13070

Ion Ratio Lower Upper

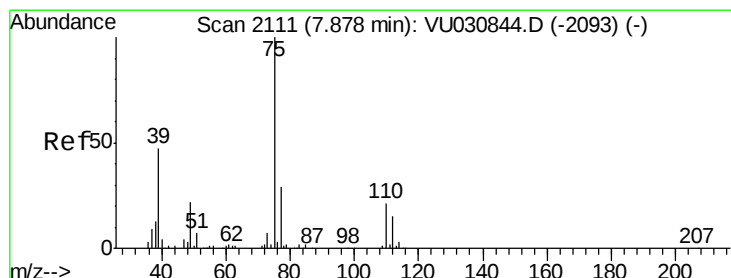
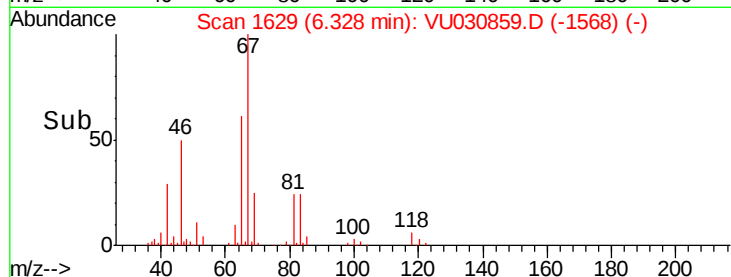
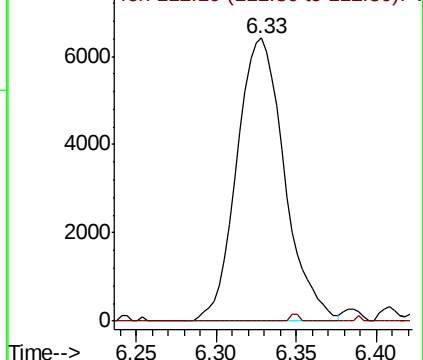
63 100

112 0.5 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030859.D

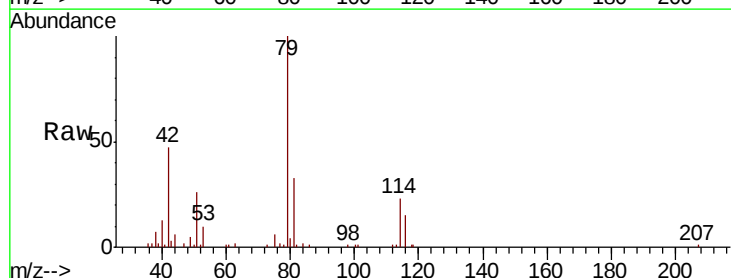
Acq: 07 Apr 2019 16:09

Tgt Ion: 75 Resp: 1979

Ion Ratio Lower Upper

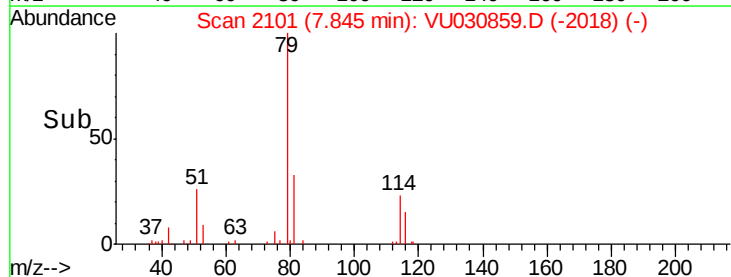
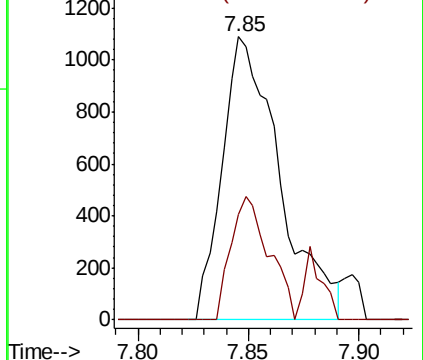
75 100

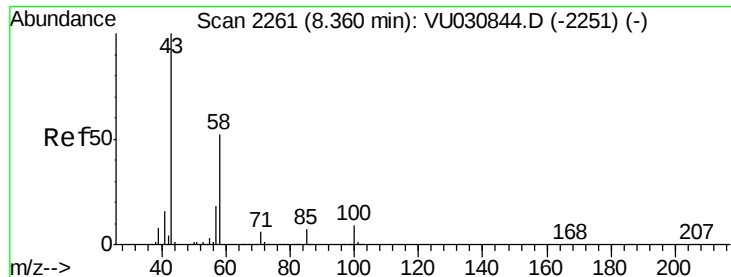
77 37.2 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

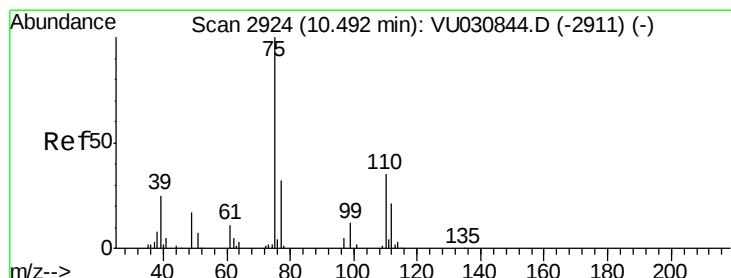
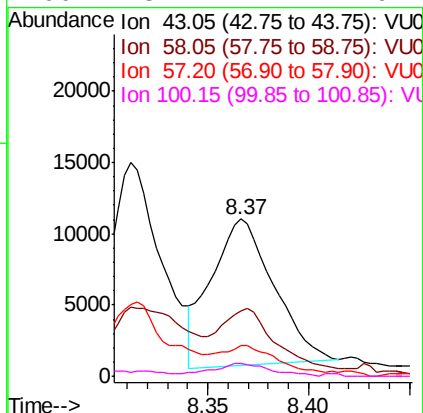
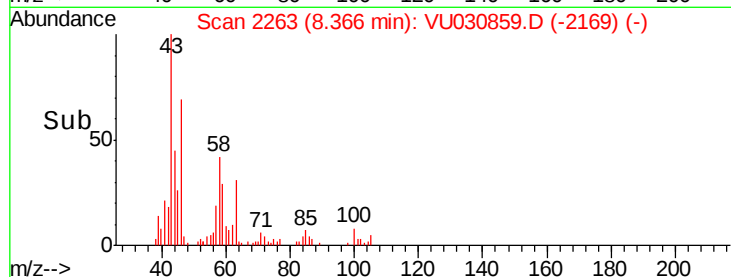
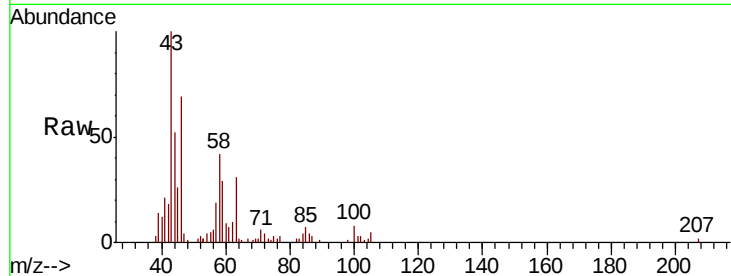




#48
2-Hexanone
Concen: 2.151 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU030859.D
Acq: 07 Apr 2019 16:09

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Tgt Ion: 43 Resp: 22152
Ion Ratio Lower Upper
43 100
58 43.2 42.5 63.7
57 19.0 13.9 20.9
100 8.2 7.1 10.7



#59
1,2,3-Trichloropropane
Concen: 0.981 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030859.D
Acq: 07 Apr 2019 16:09

Tgt Ion: 75 Resp: 13064
Ion Ratio Lower Upper
75 100
77 41.4 25.6 38.4#

