

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030944.D
 Acq On : 09 Apr 2019 09:04
 Operator : JC/SP
 Sample : K2286-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE4

Quant Time: Apr 10 01:19:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 01:14:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	209903	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88844	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.68	69	80028	6.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.80%
11) 1,1-Dichloroethene-d2	2.27	63	139351	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.19	46	278287	67.33	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.66%#
24) Chloroform-d	4.64	84	157387	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	5.31	65	96062	6.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.00%#
32) Benzene-d6	5.33	84	308230	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.33	67	107078	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.56	98	242893	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	31748	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.31	63	170145	54.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87657	6.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	87239	6.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.40%#

Target Compounds

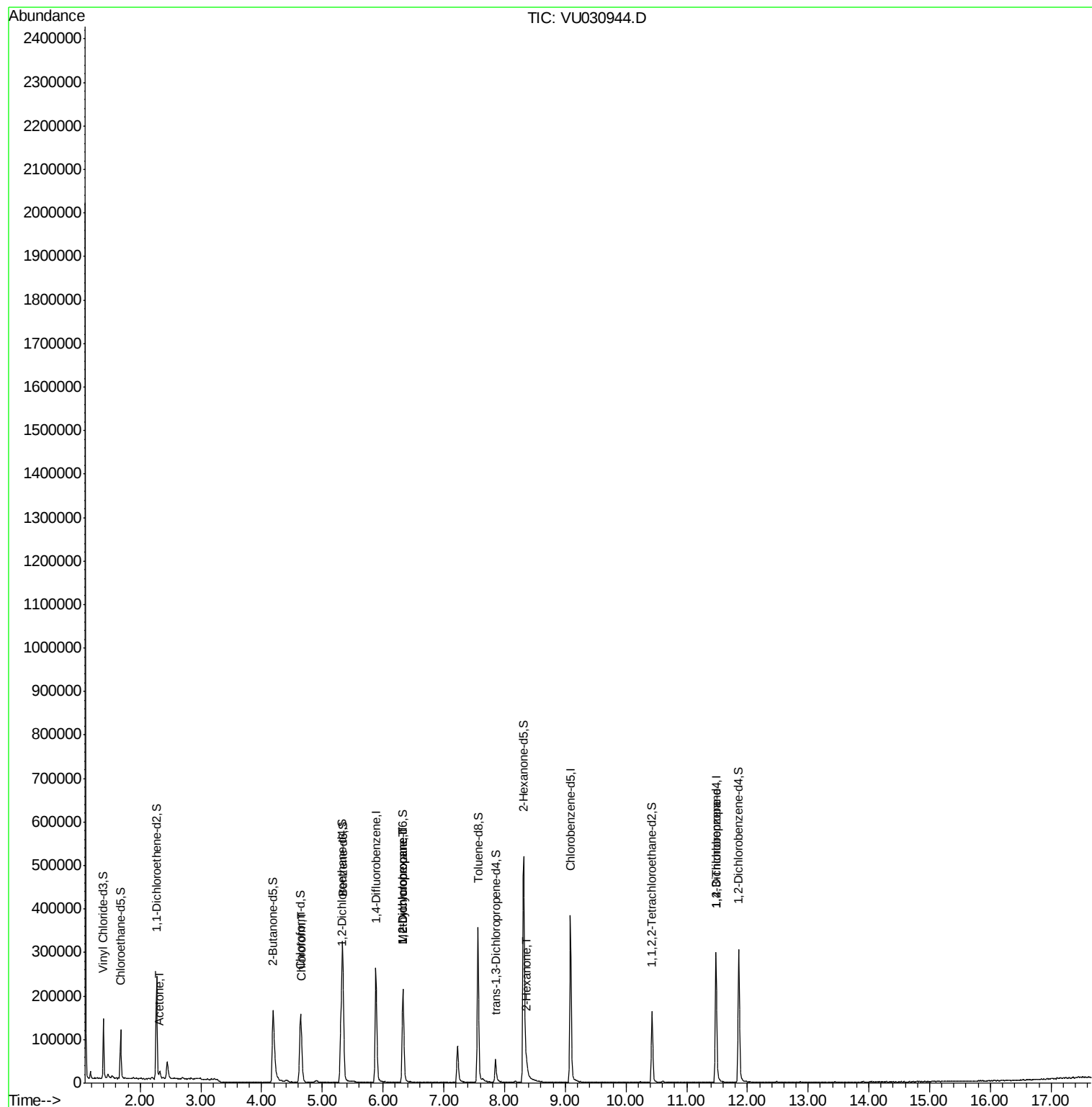
					Ovalue
13) Acetone	2.32	43	17434	5.456	ug/L 96
25) Chloroform	4.66	83	13450	0.431	ug/L 96
35) Methylcyclohexane	6.33	83	24577	0.830	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	11285	0.553	ug/L # 90
48) 2-Hexanone	8.37	43	13201	1.497	ug/L # 96
59) 1,2,3-Trichloropropane	11.48	75	10326	0.906	ug/L 93

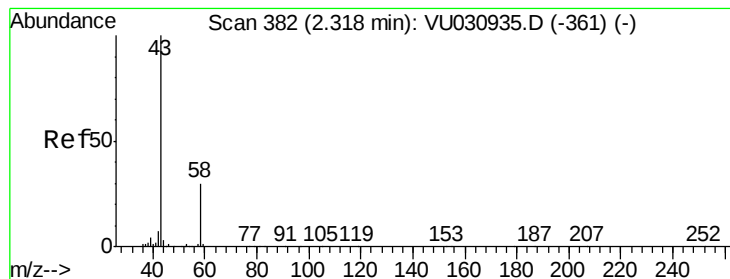
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.456 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030944.D

Acq: 09 Apr 2019 09:04

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MSVOA_U

ClientSampleId :

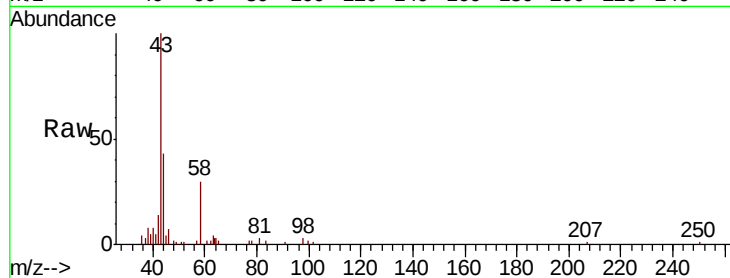
BEZE4

Tot Ion: 43 Resp: 17434

Ion Ratio Lower Upper

43 100

58 29.2 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030935.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU030935.D (-361) (-)

2.32

12000

10000

8000

6000

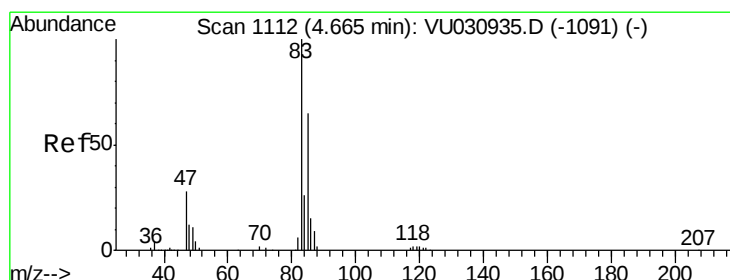
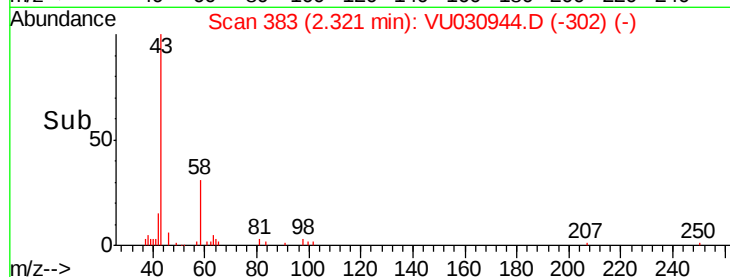
4000

2000

0

Time-->

2.25 2.30 2.35



#25

Chloroform

Concen: 0.431 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VU030944.D

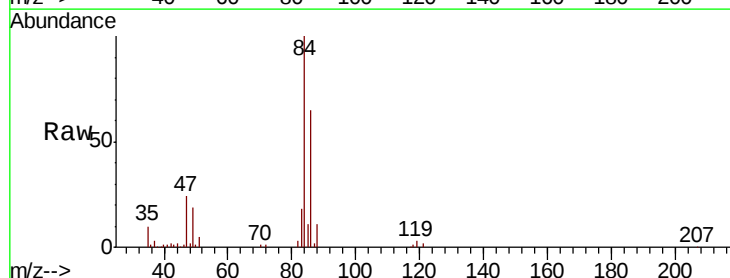
Acq: 09 Apr 2019 09:04

Tgt Ion: 83 Resp: 13450

Ion Ratio Lower Upper

83 100

85 60.1 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030935.D (-1091) (-)

Ion 85.00 (84.70 to 85.70): VU030935.D (-1091) (-)

4.66

6000

5000

4000

3000

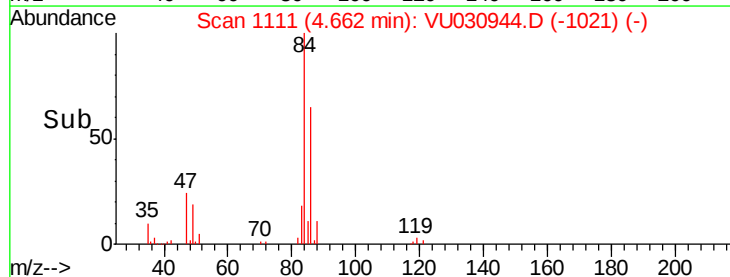
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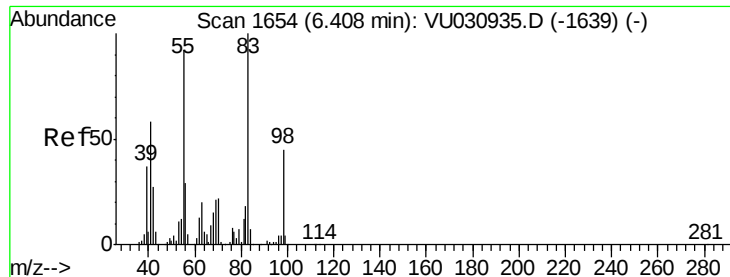
1000

0

Time-->

4.60 4.65 4.70 4.75

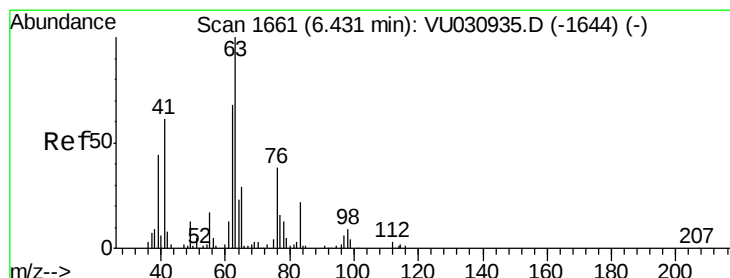
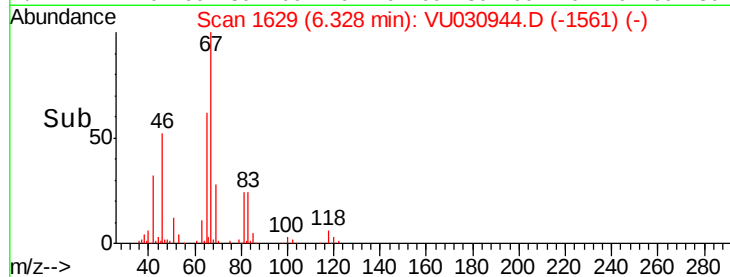
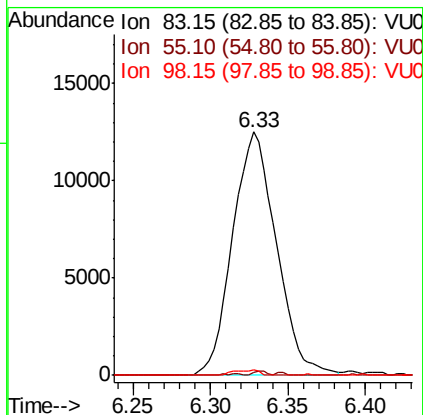
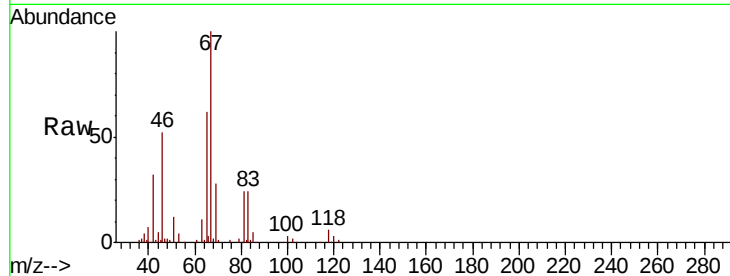




#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030944.D
Acq: 09 Apr 2019 09:04

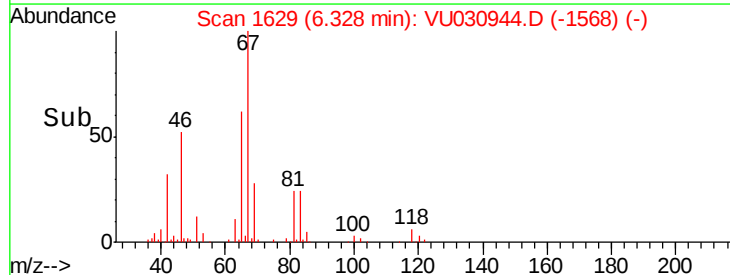
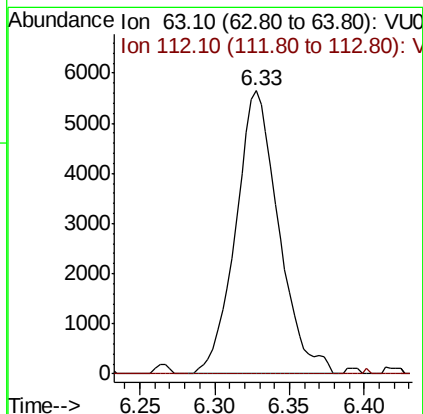
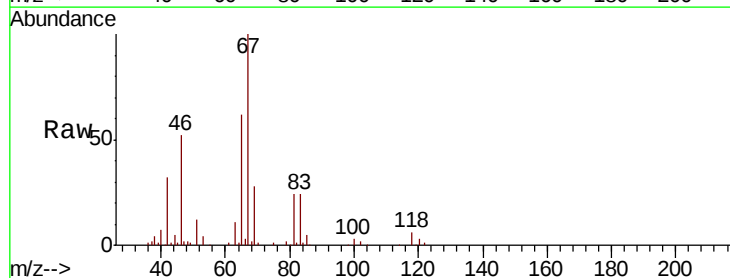
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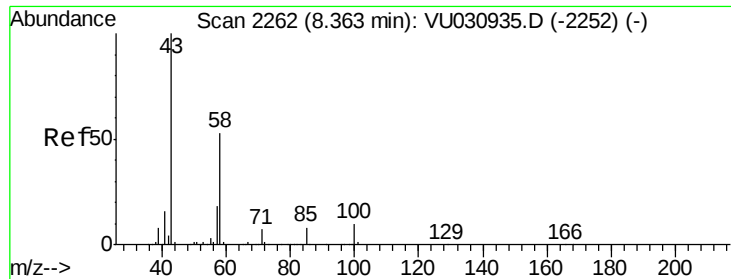
Tot Ion: 83 Resp: 24577
Ion Ratio Lower Upper
83 100
55 0.5 72.6 108.8#
98 1.2 35.0 52.6#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU030944.D
Acq: 09 Apr 2019 09:04

Tgt Ion: 63 Resp: 11285
Ion Ratio Lower Upper
63 100
112 0.2 2.8 4.2#

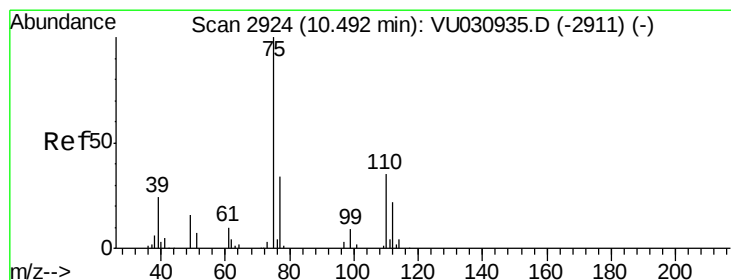
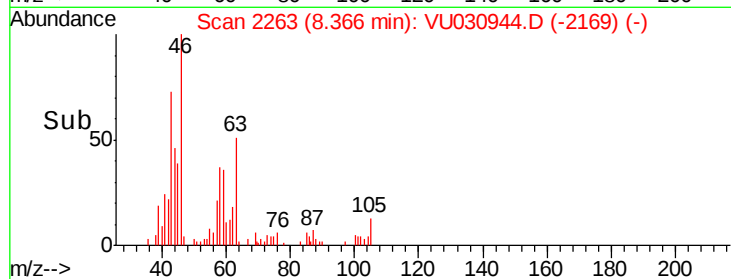
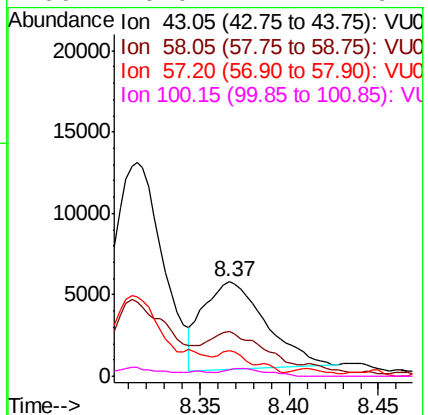
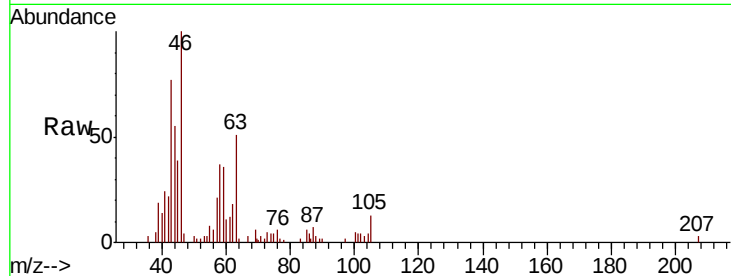




#48
 2-Hexanone
 Concen: 1.497 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030944.D
 Acq: 09 Apr 2019 09:04

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 MSVOA_U
 ClientSampleId :
 BEZE4

Tot Ion: 43 Resp: 13201
 Ion Ratio Lower Upper
 43 100
 58 50.2 42.5 63.7
 57 16.4 13.9 20.9
 100 6.0 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.906 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030944.D
 Acq: 09 Apr 2019 09:04

Tgt Ion: 75 Resp: 10326
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.6 38.4

