

Data File : VU031863.D
Acq On : 09 May 2019 09:37
Operator : JC/SP
Sample : K2695-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XH0

Quant Time: May 10 03:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 10 03:36:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	421900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	436075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	167694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	128285	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	112945	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.27	63	191437	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.20	46	504636	44.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.90%
24) Chloroform-d	4.64	84	266824	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.31	65	158852	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.33	84	505333	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.33	67	182718	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.56	98	380979	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.85	79	57091	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.31	63	333651	45.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144015	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	142946	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

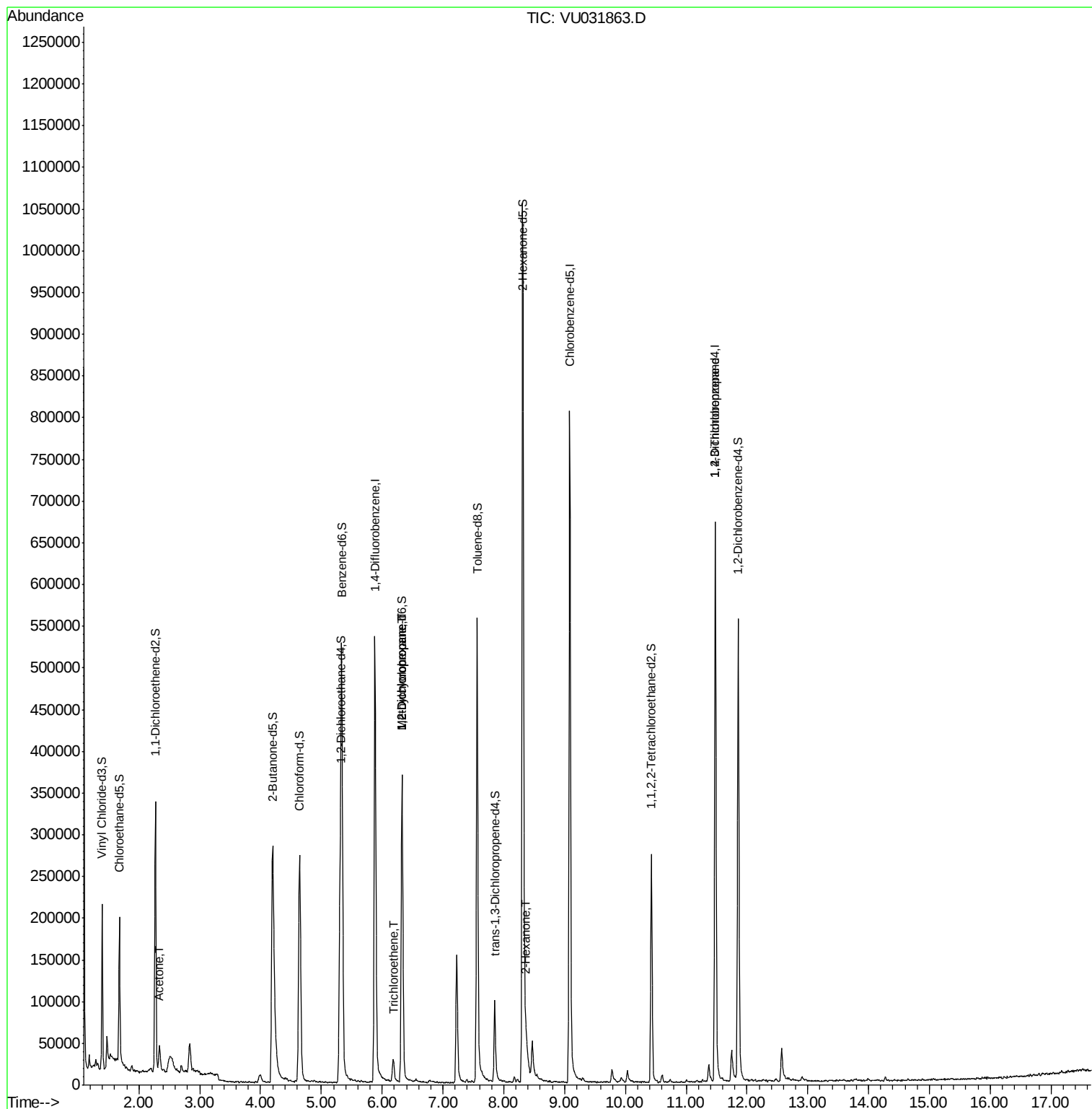
					Qvalue
13) Acetone	2.34	43	32937	4.296	ug/L 81
34) Trichloroethene	6.18	95	9176	0.239	ug/L 93
35) Methylcyclohexane	6.33	83	40902	0.743	ug/L # 12
37) 1,2-Dichloropropane	6.33	63	20237	0.465	ug/L # 91
48) 2-Hexanone	8.37	43	27850	1.338	ug/L # 60
59) 1,2,3-Trichloropropane	11.48	75	23024	0.894	ug/L # 85

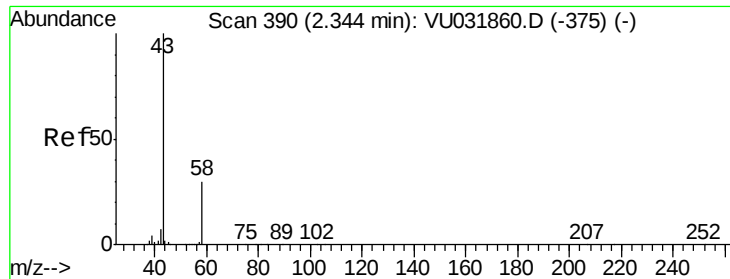
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.296 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU031863.D

Acq: 09 May 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

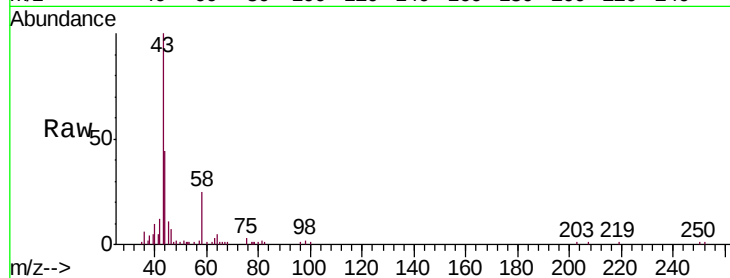
C0XH0

Tgt Ion: 43 Resp: 32937

Ion Ratio Lower Upper

43 100

58 17.1 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031860.D (-375) (-)

Ion 58.05 (57.75 to 58.75): VU031860.D (-375) (-)

2.34

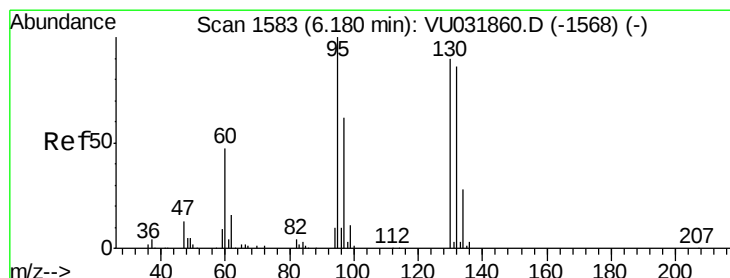
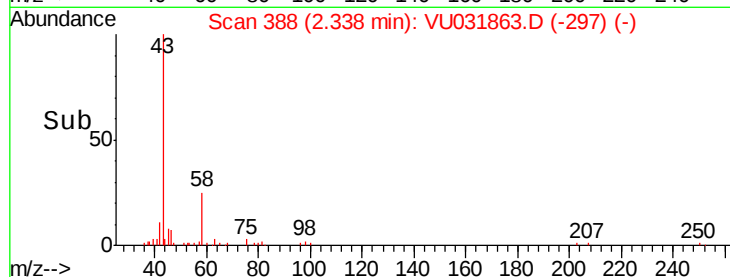
15000

10000

5000

0

Time--> 2.25 2.30 2.35 2.40



#34

Trichloroethene

Concen: 0.239 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031863.D

Acq: 09 May 2019 09:37

Tgt Ion: 95 Resp: 9176

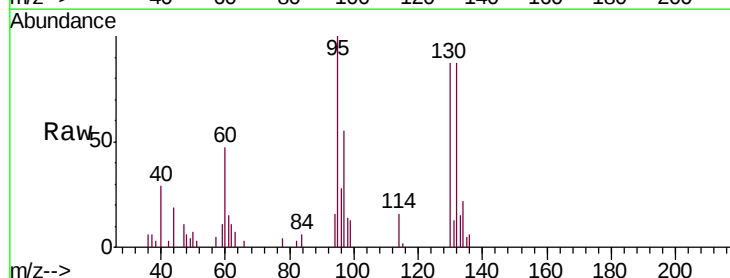
Ion Ratio Lower Upper

95 100

97 54.7 45.8 85.2

132 86.9 56.0 104.0

130 86.8 60.4 112.2



Abundance Ion 95.00 (94.70 to 95.70): VU031860.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU031860.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU031860.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU031860.D (-1568) (-)

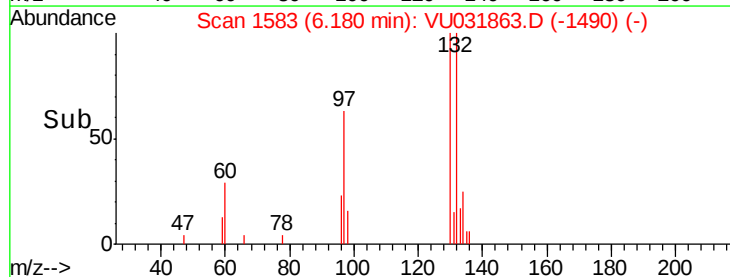
6000

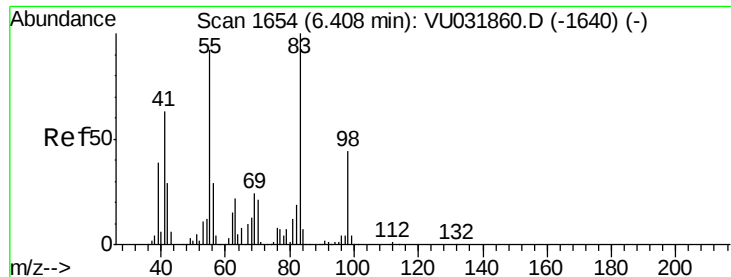
4000

2000

0

Time--> 6.15 6.20

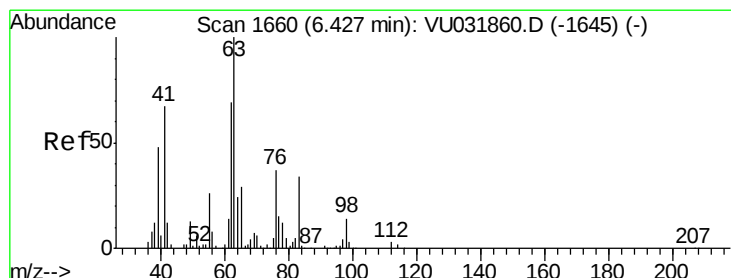
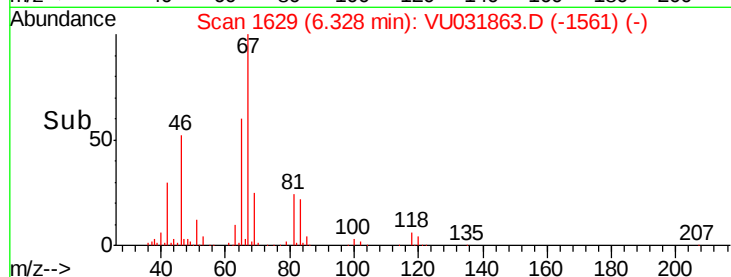
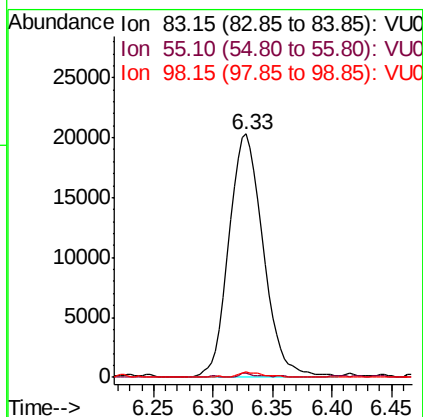
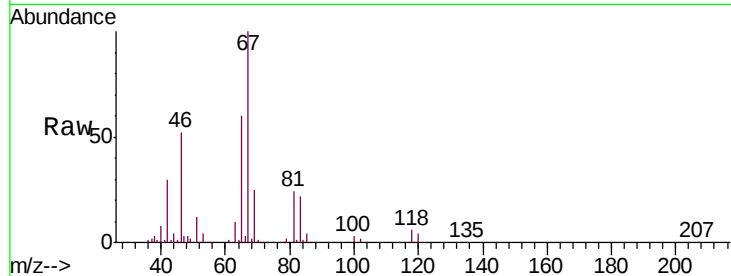




#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031863.D
Acq: 09 May 2019 09:37

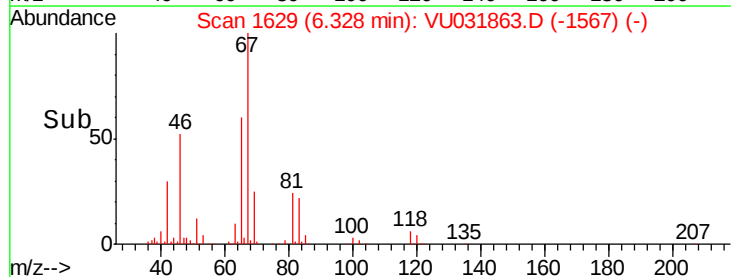
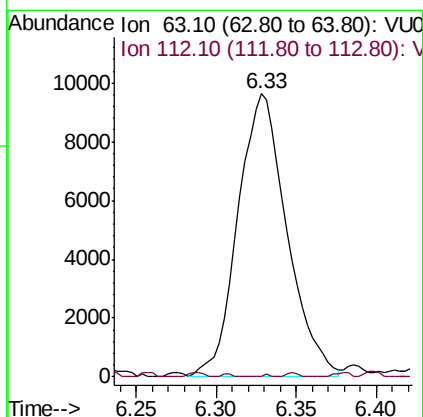
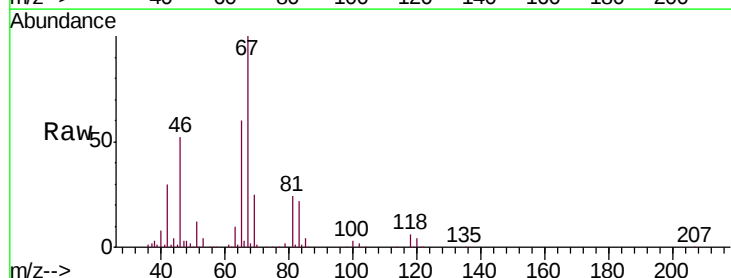
Instrument :
MSVOA_U
ClientSampled :
C0XH0

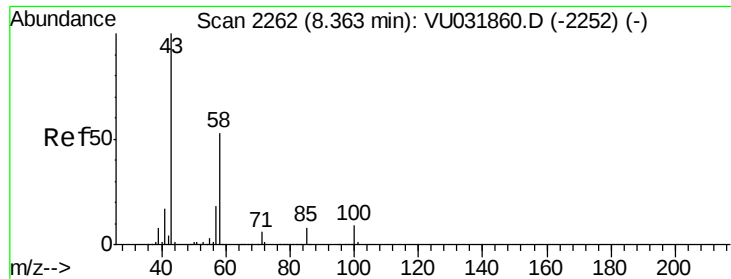
Tgt Ion: 83 Resp: 40902
Ion Ratio Lower Upper
83 100
55 0.9 79.2 118.8#
98 1.6 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031863.D
Acq: 09 May 2019 09:37

Tgt Ion: 63 Resp: 20237
Ion Ratio Lower Upper
63 100
112 0.1 2.5 3.7#

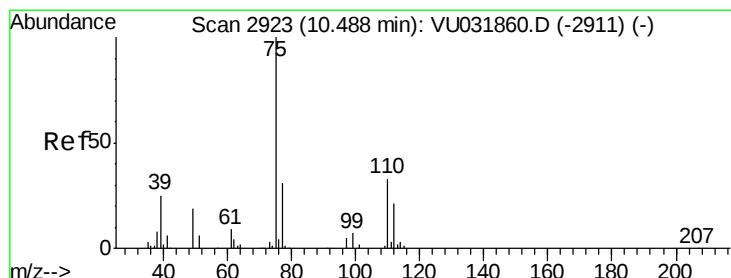
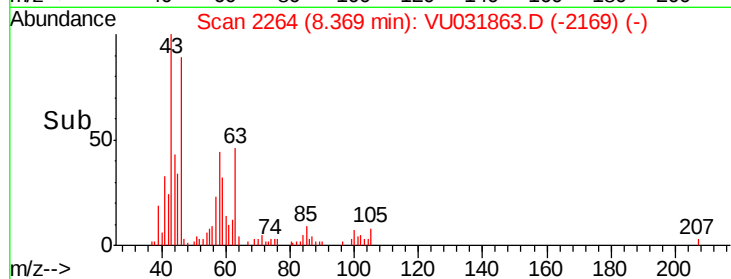
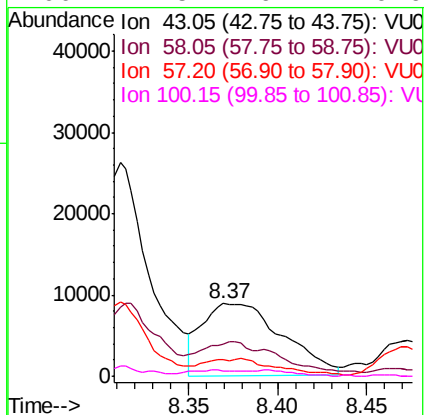
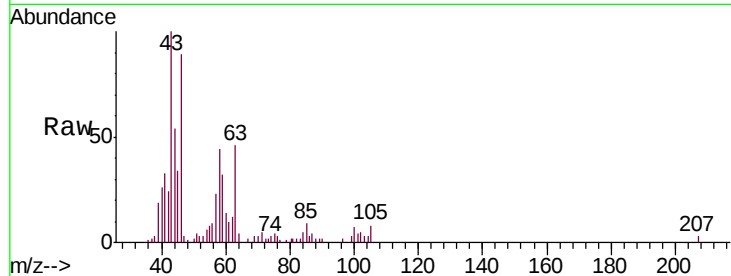




#48
 2-Hexanone
 Concen: 1.338 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031863.D
 Acq: 09 May 2019 09:37

Instrument :
 MSVOA_U
 ClientSampleId :
 COXH0

Tgt Ion: 43 Resp: 27850
 Ion Ratio Lower Upper
 43 100
 58 11.5 40.2 60.2#
 57 20.9 13.8 20.6#
 100 4.5 6.4 9.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.894 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031863.D
 Acq: 09 May 2019 09:37

Tgt Ion: 75 Resp: 23024
 Ion Ratio Lower Upper
 75 100
 77 41.4 26.3 39.5#

