

Data File : VU031845.D
Acq On : 09 May 2019 01:35
Operator : JC/SP
Sample : K2743-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D07

Quant Time: May 09 07:02:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	403563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414271	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131410	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.67	69	116078	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	192694	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.19	46	504279	46.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.92%
24) Chloroform-d	4.64	84	269844	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.31	65	156410	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.33	84	517207	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.32	67	180053	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.56	98	383714	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.85	79	55928	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	325529	47.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146674	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	142280	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

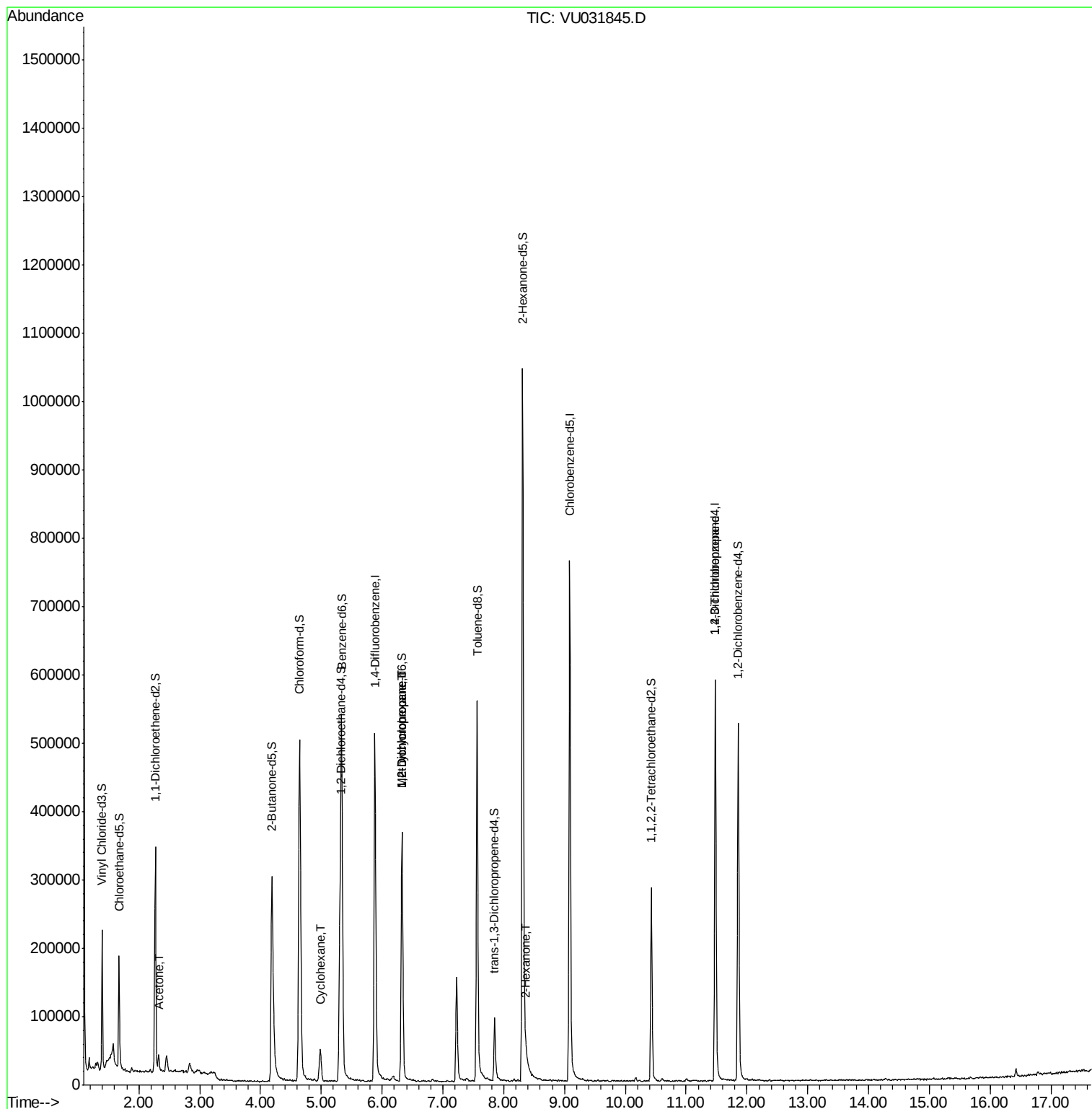
					Qvalue
13) Acetone	2.33	43	21676	2.955	ug/L 96
30) Cyclohexane	4.98	56	21182	0.341	ug/L 89
35) Methylcyclohexane	6.33	83	39051	0.747	ug/L # 11
37) 1,2-Dichloropropane	6.33	63	20354	0.492	ug/L # 91
48) 2-Hexanone	8.37	43	19917	1.007	ug/L # 47
59) 1,2,3-Trichloropropane	11.48	75	20006	0.818	ug/L # 88

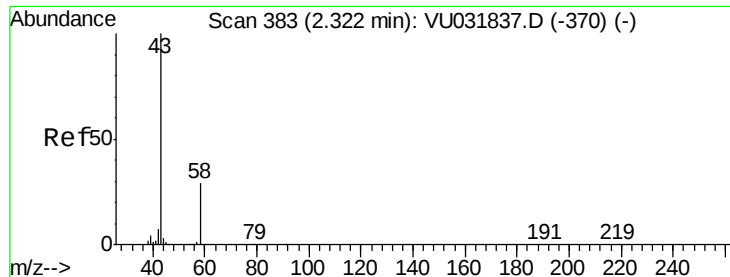
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.955 ug/L

RT: 2.33 min Scan# 384

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

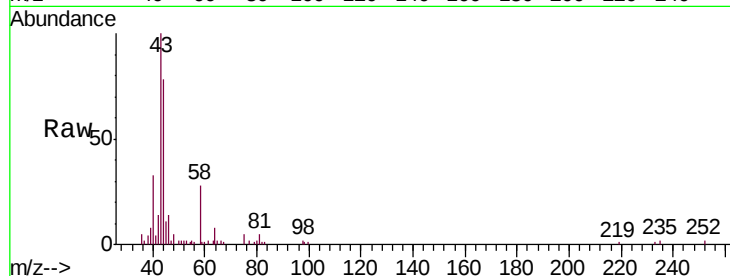
F9D07

Tgt Ion: 43 Resp: 21676

Ion Ratio Lower Upper

43 100

58 28.9 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031837.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU031837.D (-370) (-)

2.33

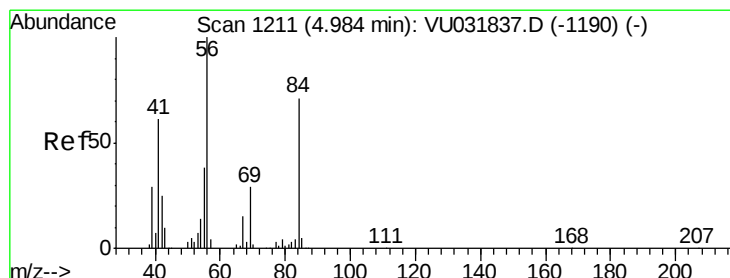
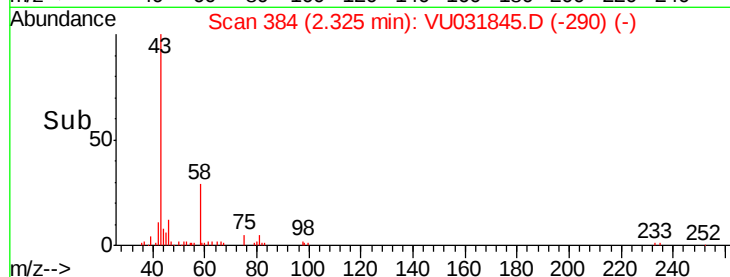
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#30

Cyclohexane

Concen: 0.341 ug/L

RT: 4.98 min Scan# 1211

Delta R.T. 0.00 min

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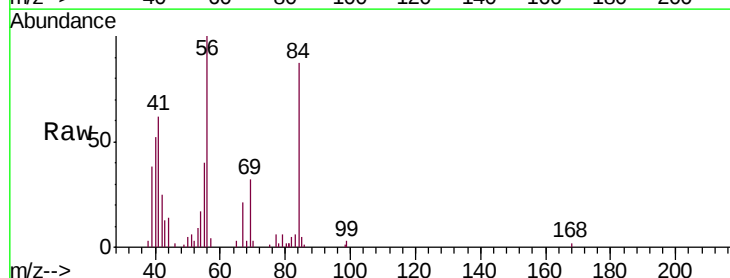
Tgt Ion: 56 Resp: 21182

Ion Ratio Lower Upper

56 100

69 31.2 21.8 32.8

84 81.8 56.8 85.2



Abundance Ion 56.10 (55.80 to 56.80): VU031837.D (-1190) (-)

Ion 69.15 (68.85 to 69.85): VU031837.D (-1190) (-)

Ion 84.15 (83.85 to 84.85): VU031837.D (-1190) (-)

4.98

12000

10000

8000

6000

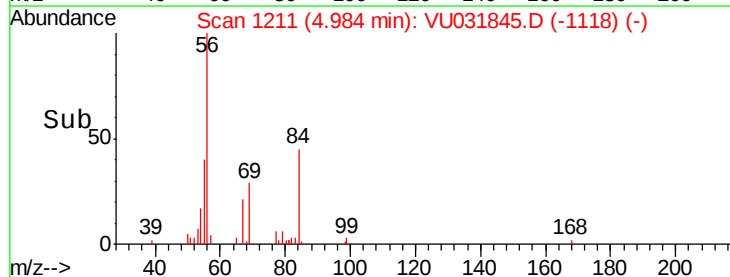
4000

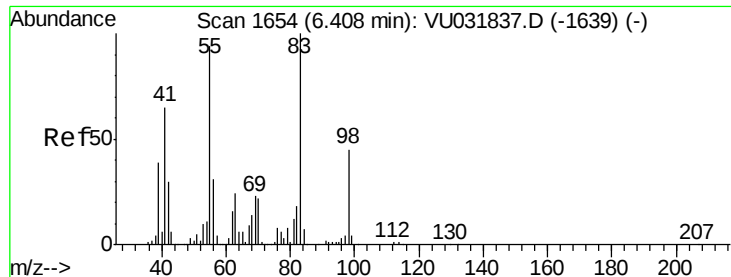
2000

0

Time-->

4.90 4.95 5.00 5.05

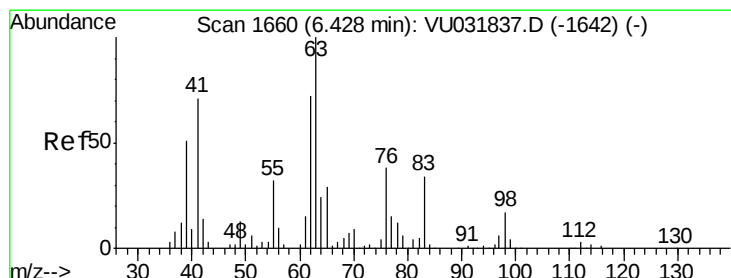
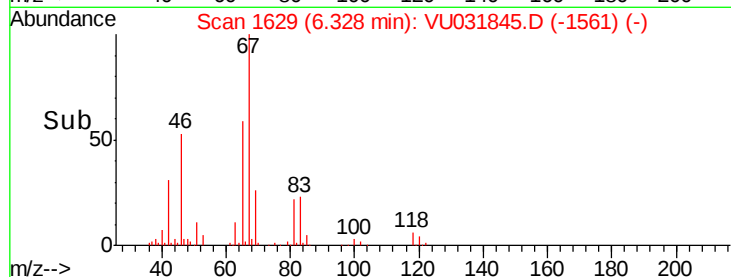
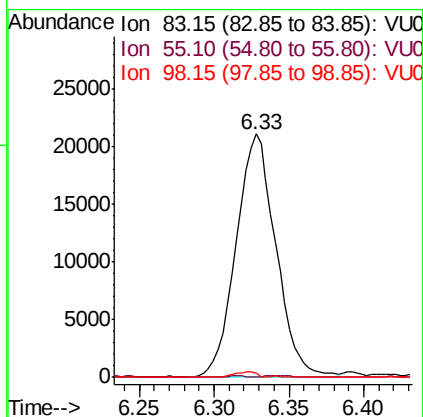
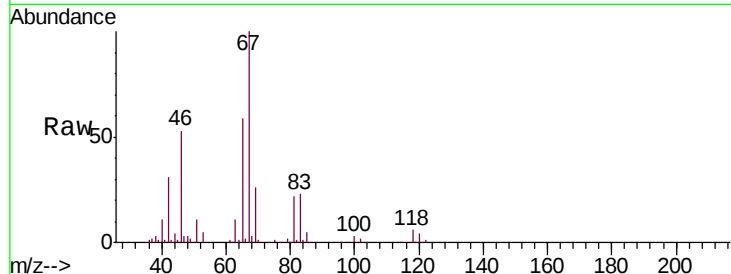




#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031845.D
Acq: 09 May 2019 01:35

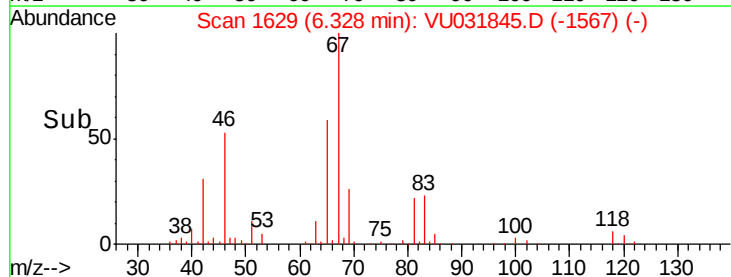
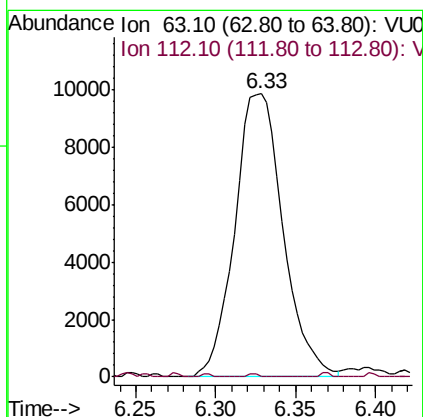
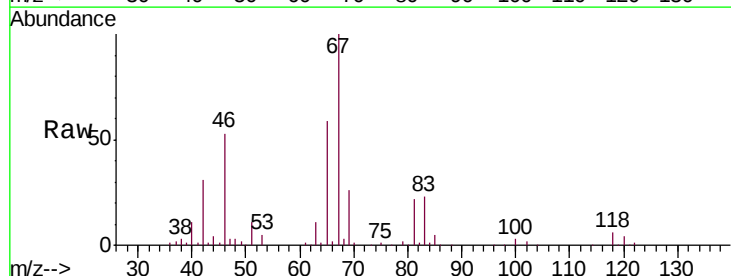
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F9D07

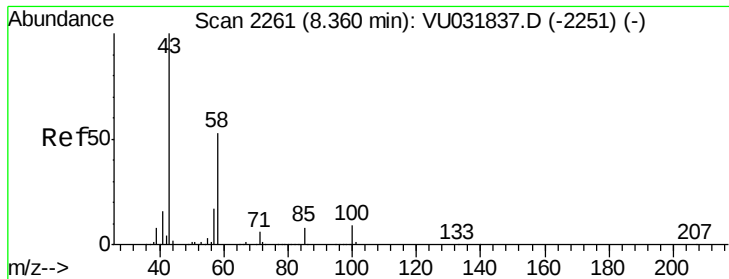
Tgt Ion: 83 Resp: 39051
Ion Ratio Lower Upper
83 100
55 0.2 79.2 118.8#
98 1.1 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031845.D
Acq: 09 May 2019 01:35

Tgt Ion: 63 Resp: 20354
Ion Ratio Lower Upper
63 100
112 0.2 2.5 3.7#

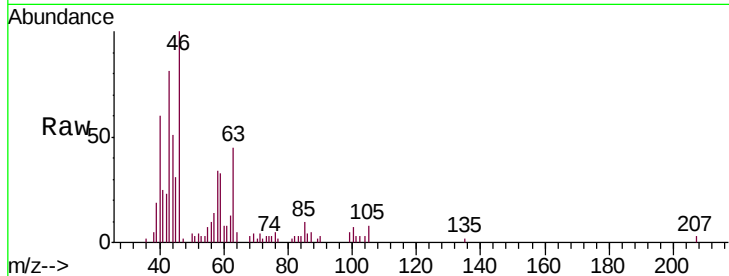




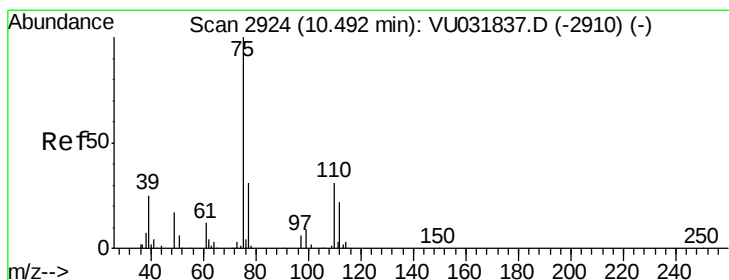
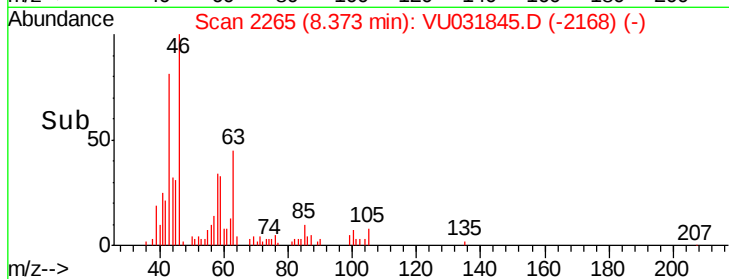
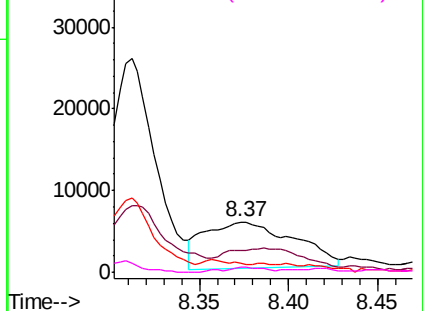
#48
 2-Hexanone
 Concen: 1.007 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031845.D
 Acq: 09 May 2019 01:35

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D07

Tgt Ion:	43	Resp:	19917
Ion	Ratio	Lower	Upper
43	100		
58	3.5	40.2	60.2#
57	3.9	13.8	20.6#
100	4.9	6.4	9.6#

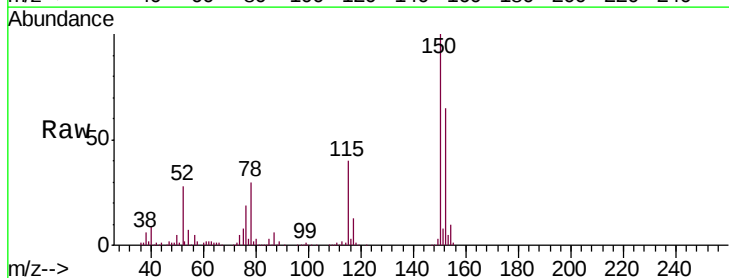


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 0.818 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031845.D
 Acq: 09 May 2019 01:35

Tgt Ion:	75	Resp:	20006
Ion	Ratio	Lower	Upper
75	100		
77	39.8	26.3	39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

