

Data File : VU031701.D
Acq On : 02 May 2019 10:52
Operator : JC/SP
Sample : VU0502WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Quant Time: May 03 04:40:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	871171	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	826427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	338672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	352603	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.72%
7) Chloroethane-d5	1.68	69	276745	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.24%
11) 1,1-Dichloroethene-d2	2.27	63	486147	33.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.96%
21) 2-Butanone-d5	4.19	46	671880	101.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.71%
24) Chloroform-d	4.64	84	578583	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
26) 1,2-Dichloroethane-d4	5.31	65	379627	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.04%
32) Benzene-d6	5.34	84	1181446	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.32	67	415387	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.04%
41) Toluene-d8	7.56	98	1012730	45.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.64%
43) trans-1,3-Dichloropropene-	7.85	79	169493	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
47) 2-Hexanone-d5	8.31	63	435620	112.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.72%
57) 1,1,2,2-Tetrachloroethane-	10.60	84	237	0.02	ug/L	0.18
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.04%#
64) 1,2-Dichlorobenzene-d4	11.86	152	340461	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

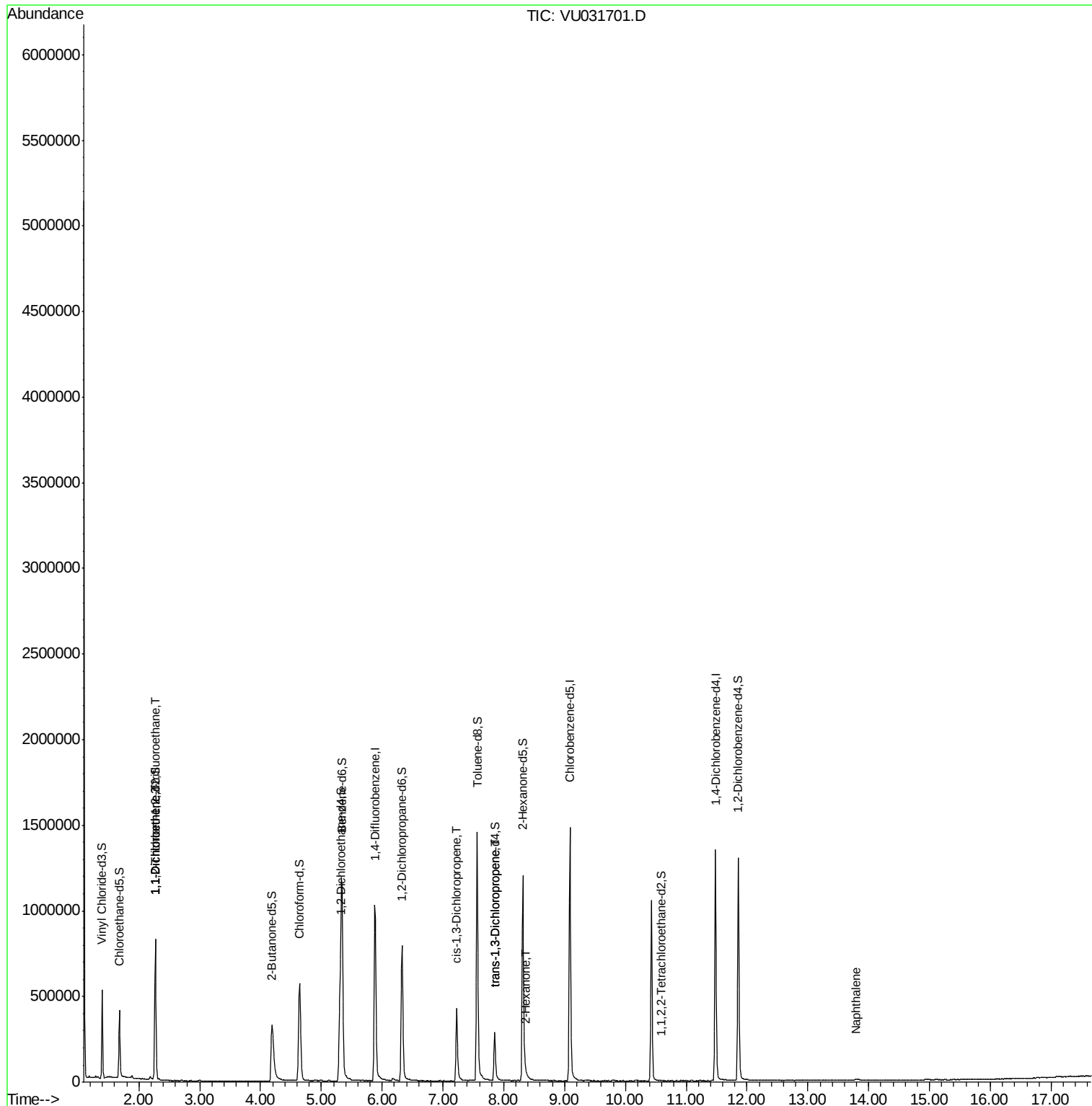
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4262	0.610	ug/L #	31
12) 1,1-Dichloroethene	2.27	96	4346	0.639	ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	9931	0.871	ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	6753	0.653	ug/L #	75
48) 2-Hexanone	8.37	43	19510	1.818	ug/L #	45
69) Naphthalene	13.79	128	8126	0.359	ug/L #	93

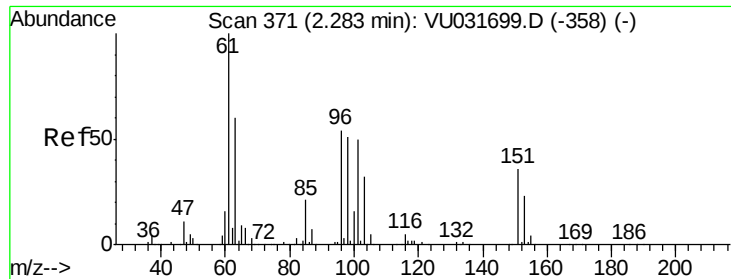
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.610 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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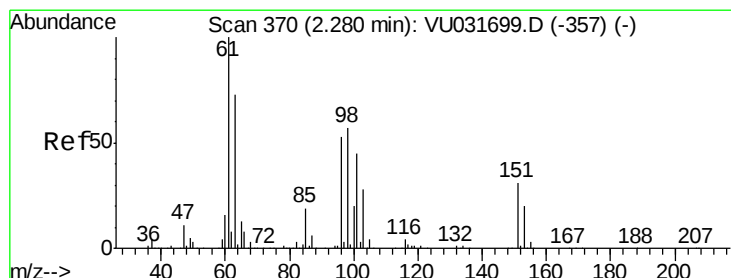
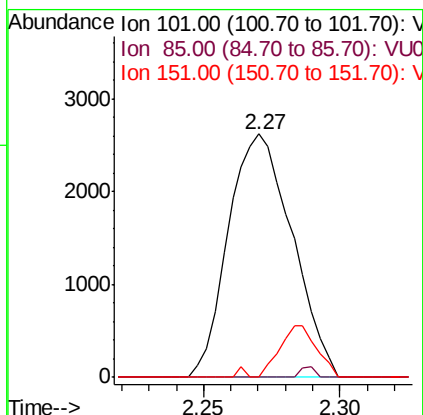
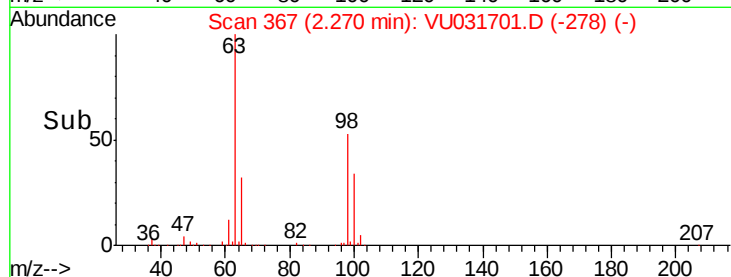
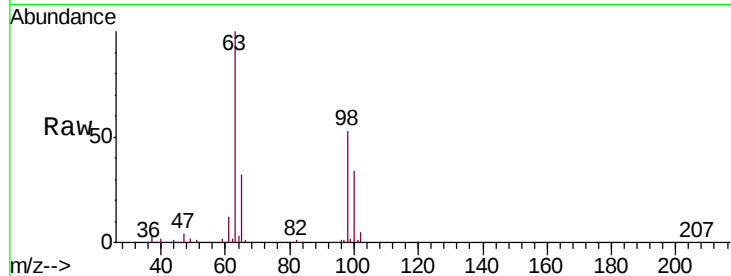
Tgt Ion:101 Resp: 4262

Ion Ratio Lower Upper

101 100

85 1.0 36.1 54.1#

151 12.3 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.639 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031701.D

Acq: 02 May 2019 10:52

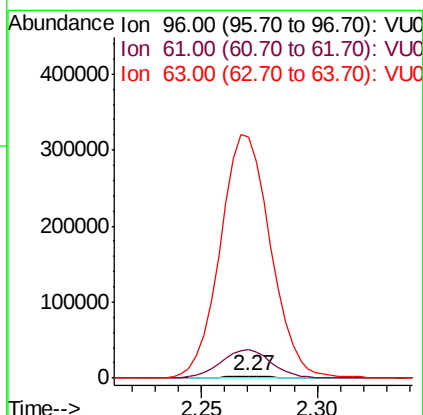
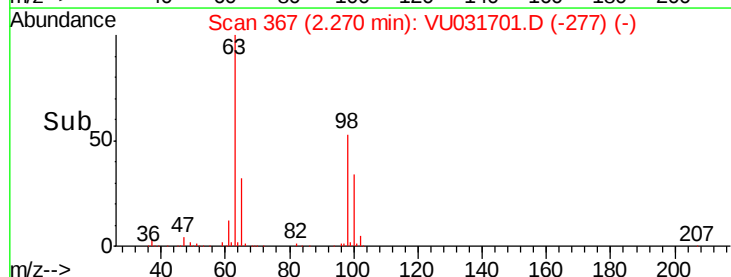
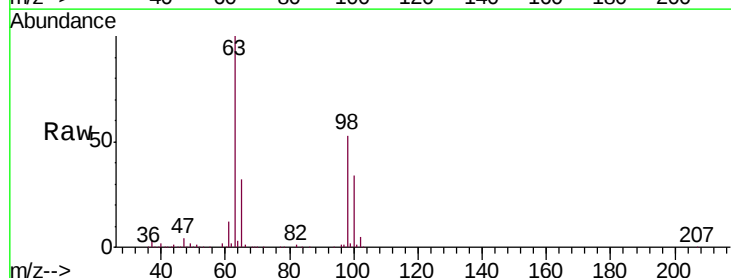
Tgt Ion: 96 Resp: 4346

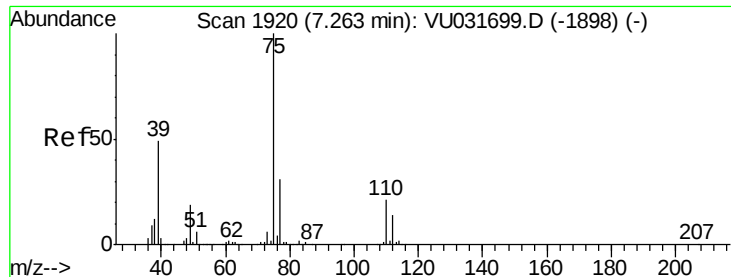
Ion Ratio Lower Upper

96 100

61 1360.7 135.0 250.6#

63 11622.3 103.5 192.3#





#39

cis-1,3-Dichloropropene

Concen: 0.871 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

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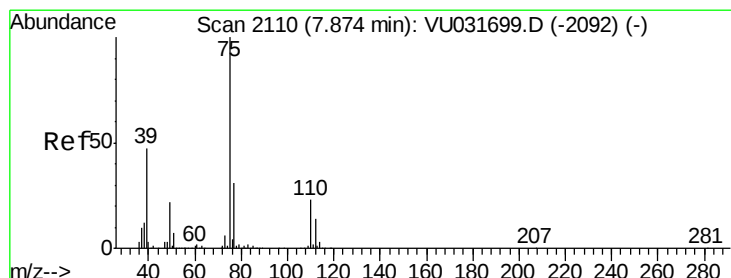
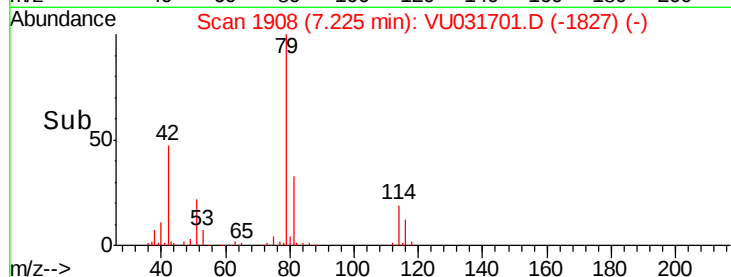
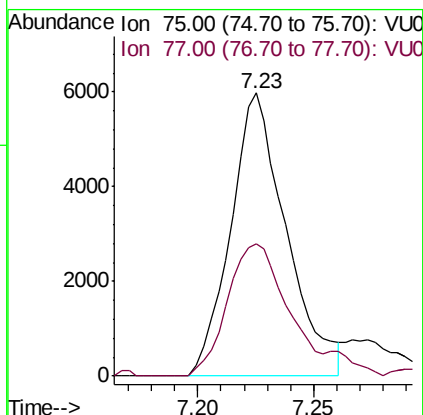
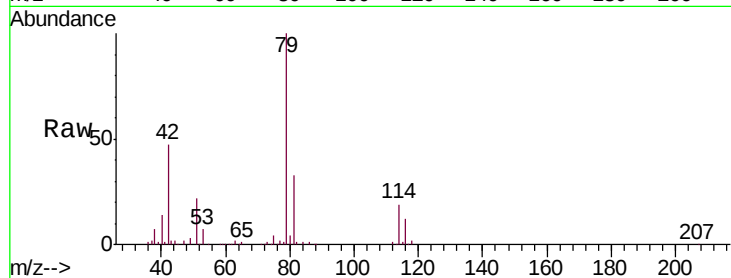
VBLK54

Tgt Ion: 75 Resp: 9931

Ion Ratio Lower Upper

75 100

77 46.9 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

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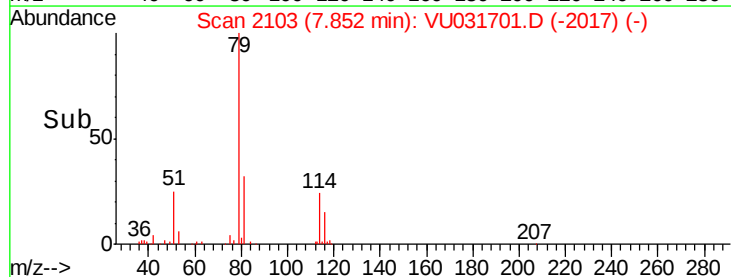
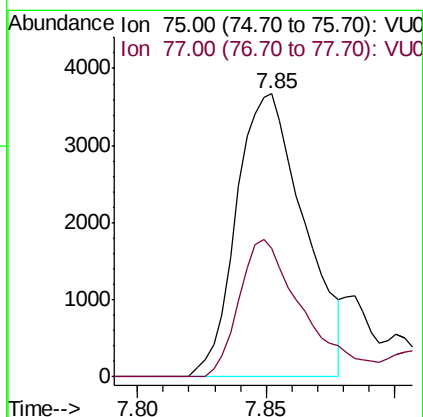
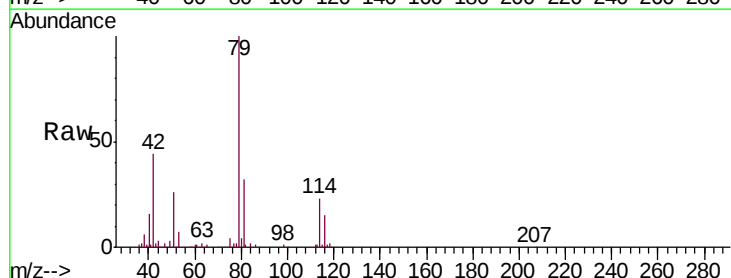
Acq: 02 May 2019 10:52

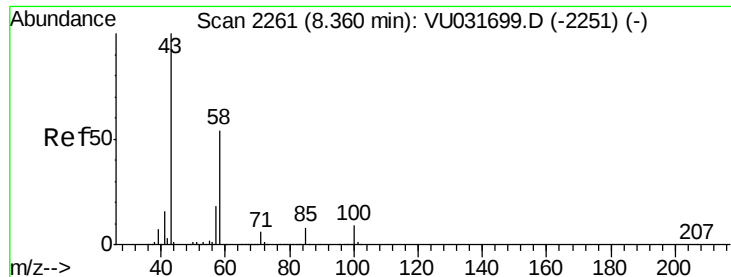
Tgt Ion: 75 Resp: 6753

Ion Ratio Lower Upper

75 100

77 45.3 22.1 41.1#

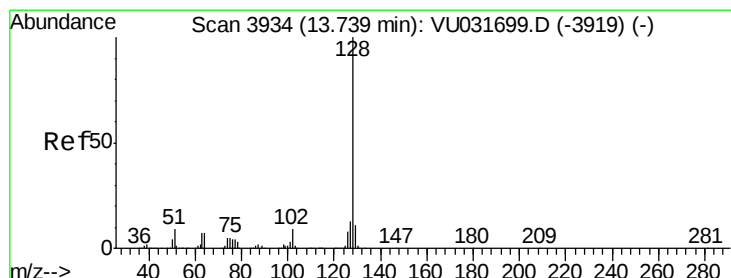
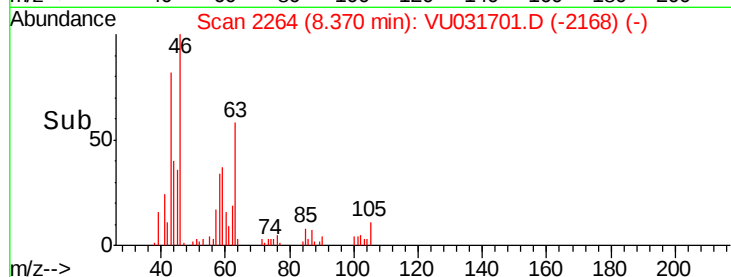
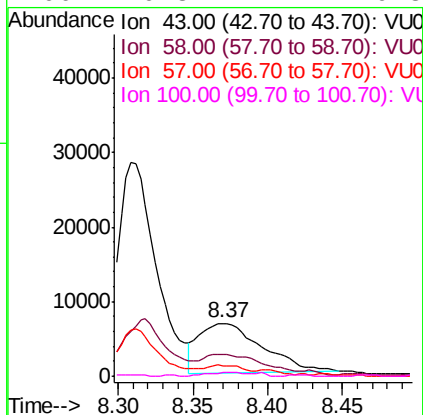
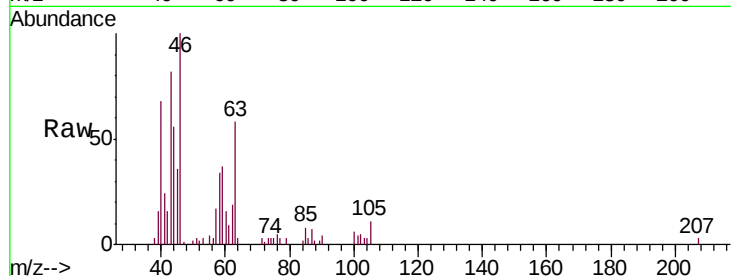




#48
2-Hexanone
Concen: 1.818 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031701.D
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Tgt Ion:	43	Resp:	19510
Ion	Ratio	Lower	Upper
43	100		
58	6.0	42.1	63.1#
57	1.5	14.6	22.0#
100	0.8	7.2	10.8#



#69
Naphthalene
Concen: 0.359 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.05 min
Lab File: VU031701.D
Acq: 02 May 2019 10:52

Tgt Ion:	128	Resp:	8126
Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.6	15.8#
129	9.6	8.7	13.1

