

Data File : VU033305.D
Acq On : 18 Jul 2019 09:47
Operator : JC/SP
Sample : VU0718WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Quant Time: Jul 19 01:46:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	266503	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	272363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	114124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	88215	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.46%
7) Chloroethane-d5	1.67	69	84614	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.26	63	126025	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	4.15	46	141274	110.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	4.62	84	163236	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.29	65	114616	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.72%
32) Benzene-d6	5.32	84	330228	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
36) 1,2-Dichloropropane-d6	6.31	67	110070	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.86%
41) Toluene-d8	7.55	98	290724	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%
43) trans-1,3-Dichloropropene-	7.83	79	50729	48.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.68%
47) 2-Hexanone-d5	8.29	63	98004	101.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	170319	52.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	113492	55.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.52%

Target Compounds

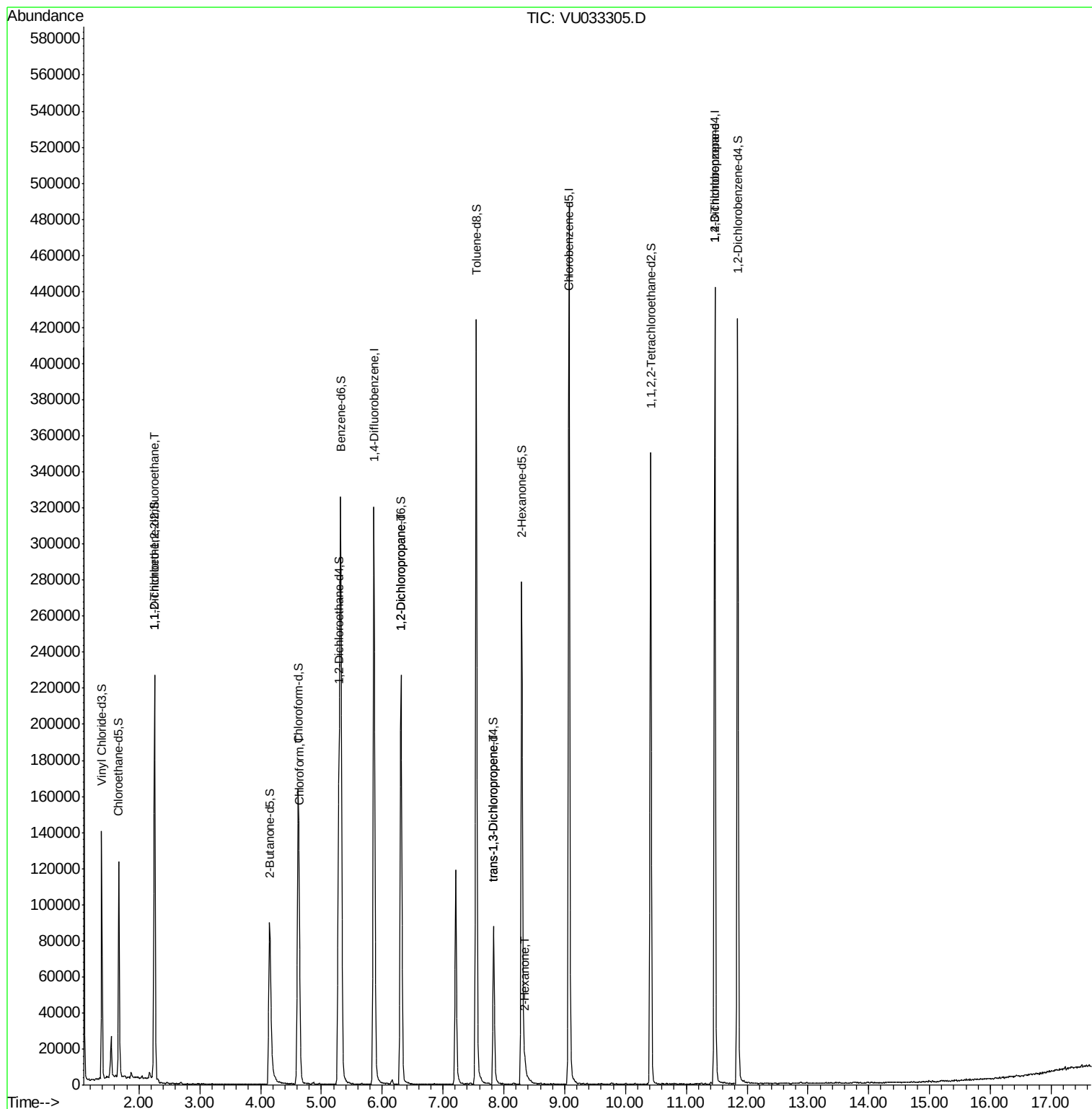
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1159	0.637	ug/L #	21
25) Chloroform	4.64	83	8971	2.387	ug/L	99
37) 1,2-Dichloropropane	6.31	63	11858	5.505	ug/L #	90
44) trans-1,3-Dichloropropene	7.83	75	2336	0.784	ug/L	89
48) 2-Hexanone	8.35	43	4571	1.942	ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	14760	5.263	ug/L	98

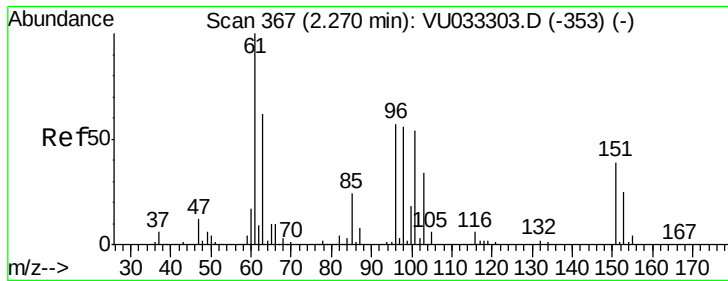
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.637 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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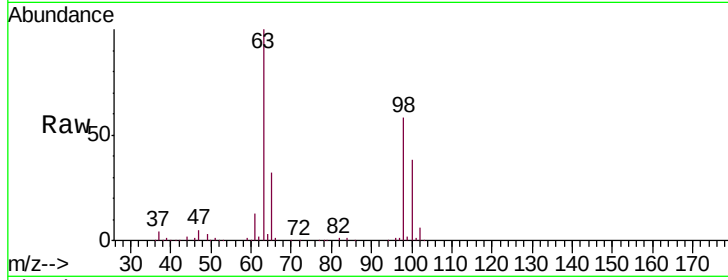
Tgt Ion:101 Resp: 1159

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

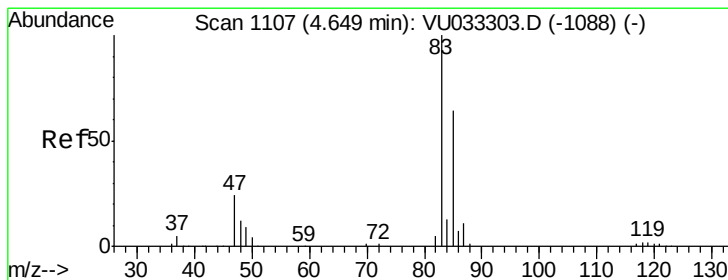
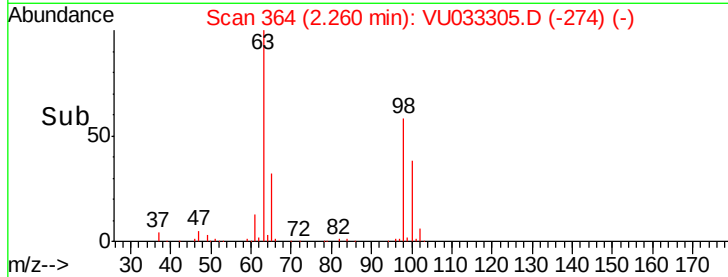
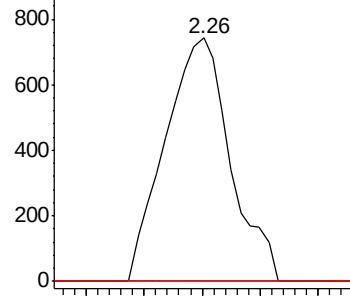
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 2.387 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.01 min

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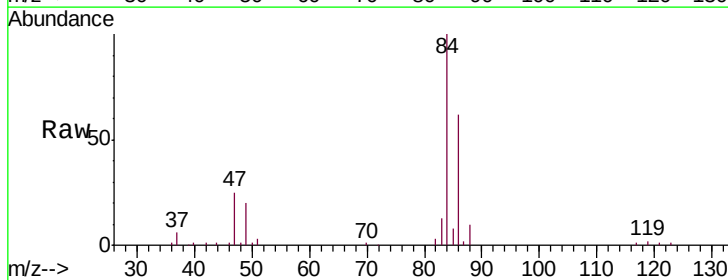
Acq: 18 Jul 2019 09:47

Tgt Ion: 83 Resp: 8971

Ion Ratio Lower Upper

83 100

85 65.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

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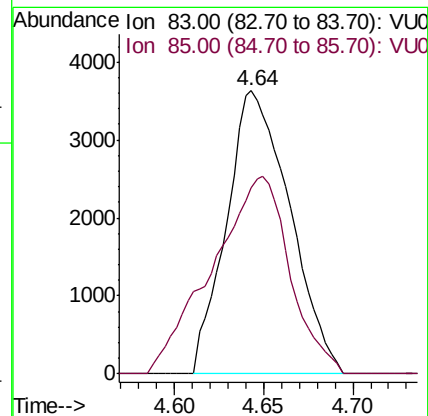
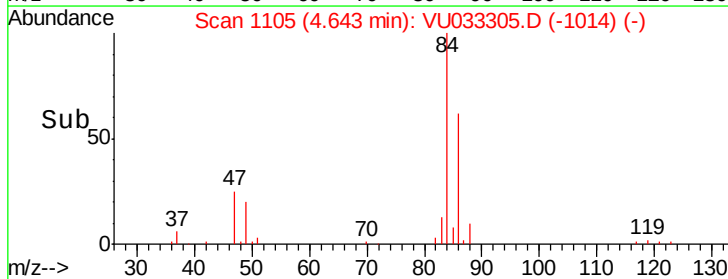
Ion 151.00 (150.70 to 151.70): V

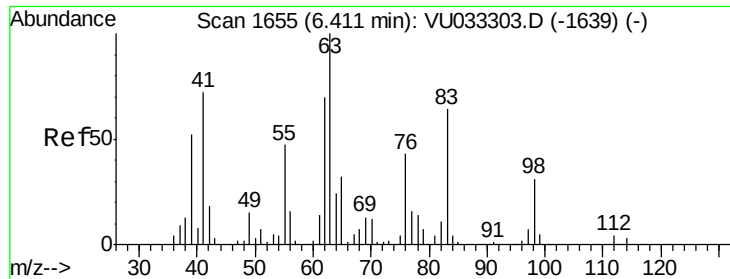
Ion 151.00 (150.70 to 151.70): V

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Ion 151.00 (150.70 to 151.70): V

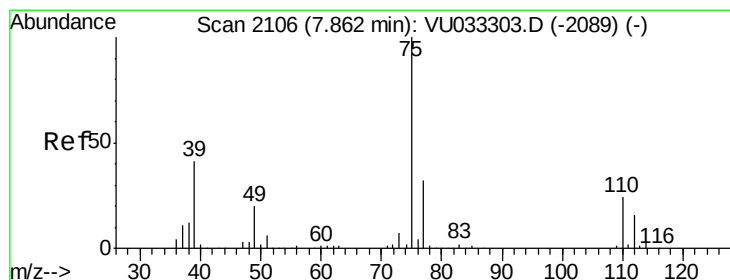
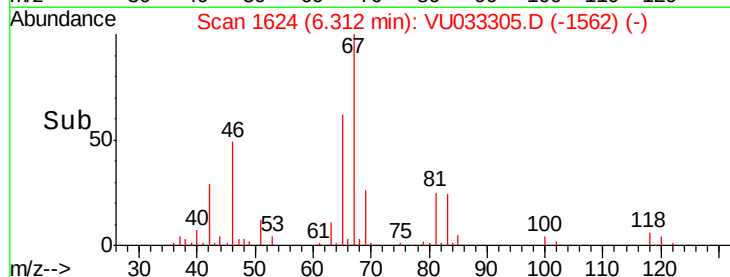
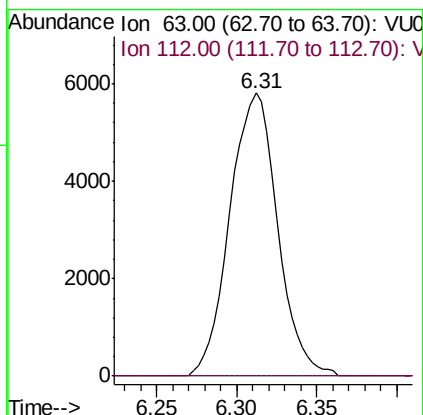
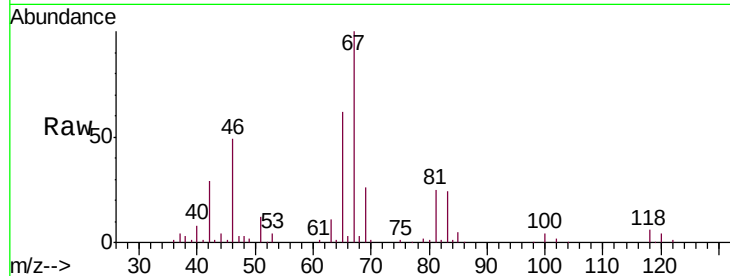




#37
 1,2-Dichloropropane
 Concen: 5.505 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033305.D
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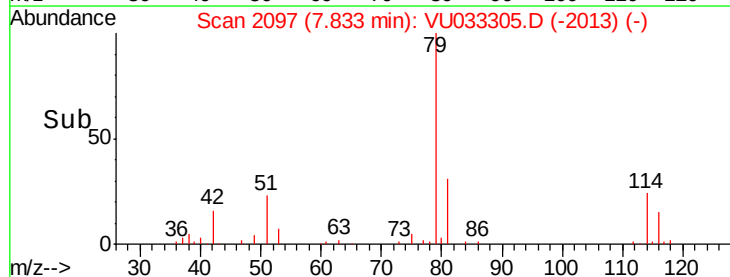
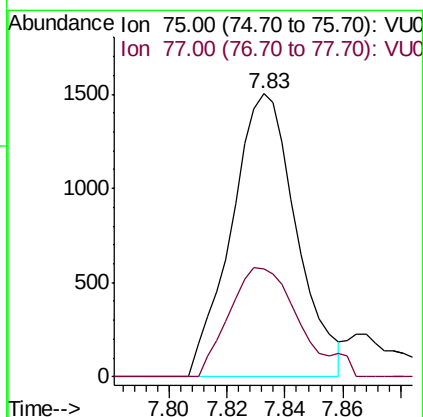
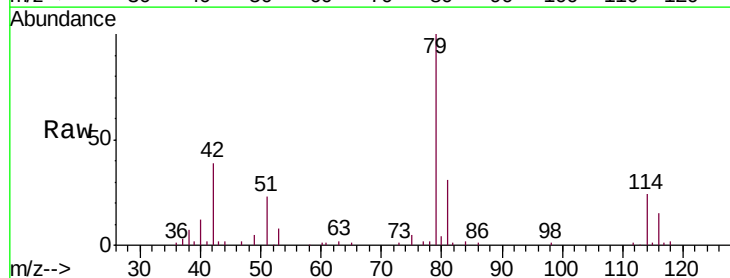
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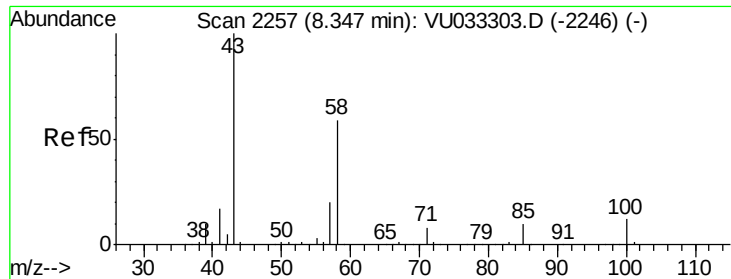
Tgt Ion: 63 Resp: 11858
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.784 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033305.D
 Acq: 18 Jul 2019 09:47

Tgt Ion: 75 Resp: 2336
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.4 41.6

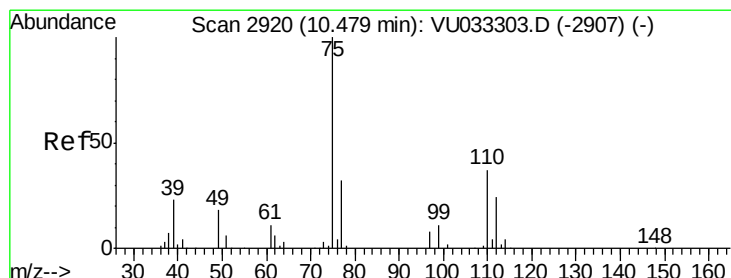
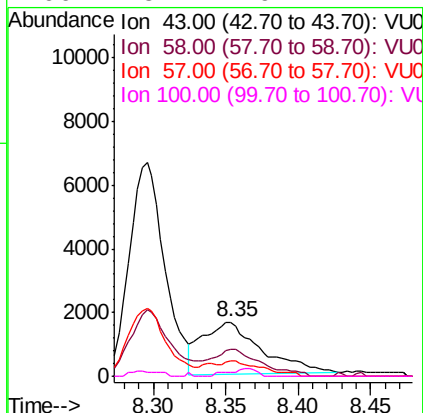
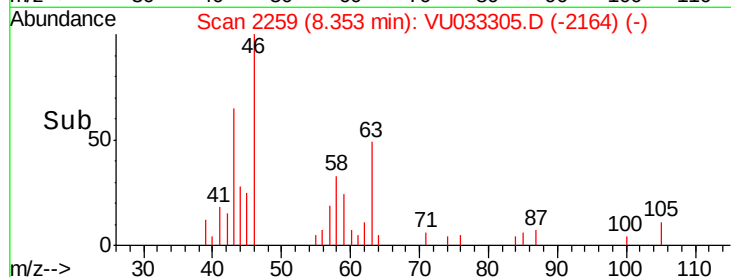
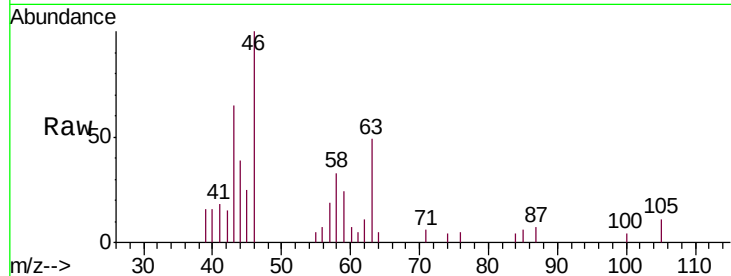




#48
2-Hexanone
Concen: 1.942 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU033305.D
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Tgt Ion: 43 Resp: 4571
Ion Ratio Lower Upper
43 100
58 23.6 46.1 69.1#
57 12.9 15.8 23.8#
100 5.1 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 5.263 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033305.D
Acq: 18 Jul 2019 09:47

Tgt Ion: 75 Resp: 14760
Ion Ratio Lower Upper
75 100
77 33.8 26.0 39.0

