

Data File : VU033551.D
Acq On : 01 Aug 2019 15:58
Operator : JC/SP
Sample : K4116-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JLLG8

Quant Time: Aug 02 02:31:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 02:28:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	297483	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	135704	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	137618	63.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.26%
7) Chloroethane-d5	1.67	69	129714	69.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	139.80%#
11) 1,1-Dichloroethene-d2	2.26	63	174408	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
21) 2-Butanone-d5	4.16	46	181895	126.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.97%
24) Chloroform-d	4.62	84	205672	56.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.46%
26) 1,2-Dichloroethane-d4	5.29	65	136215	59.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.66%
32) Benzene-d6	5.32	84	431568	59.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.10%
36) 1,2-Dichloropropane-d6	6.31	67	136425	60.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.10%#
41) Toluene-d8	7.55	98	383051	56.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.80%
43) trans-1,3-Dichloropropene-	7.83	79	63275	56.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.28%
47) 2-Hexanone-d5	8.30	63	130398	120.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.89%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	200145	57.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	148321	59.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.38%

Target Compounds

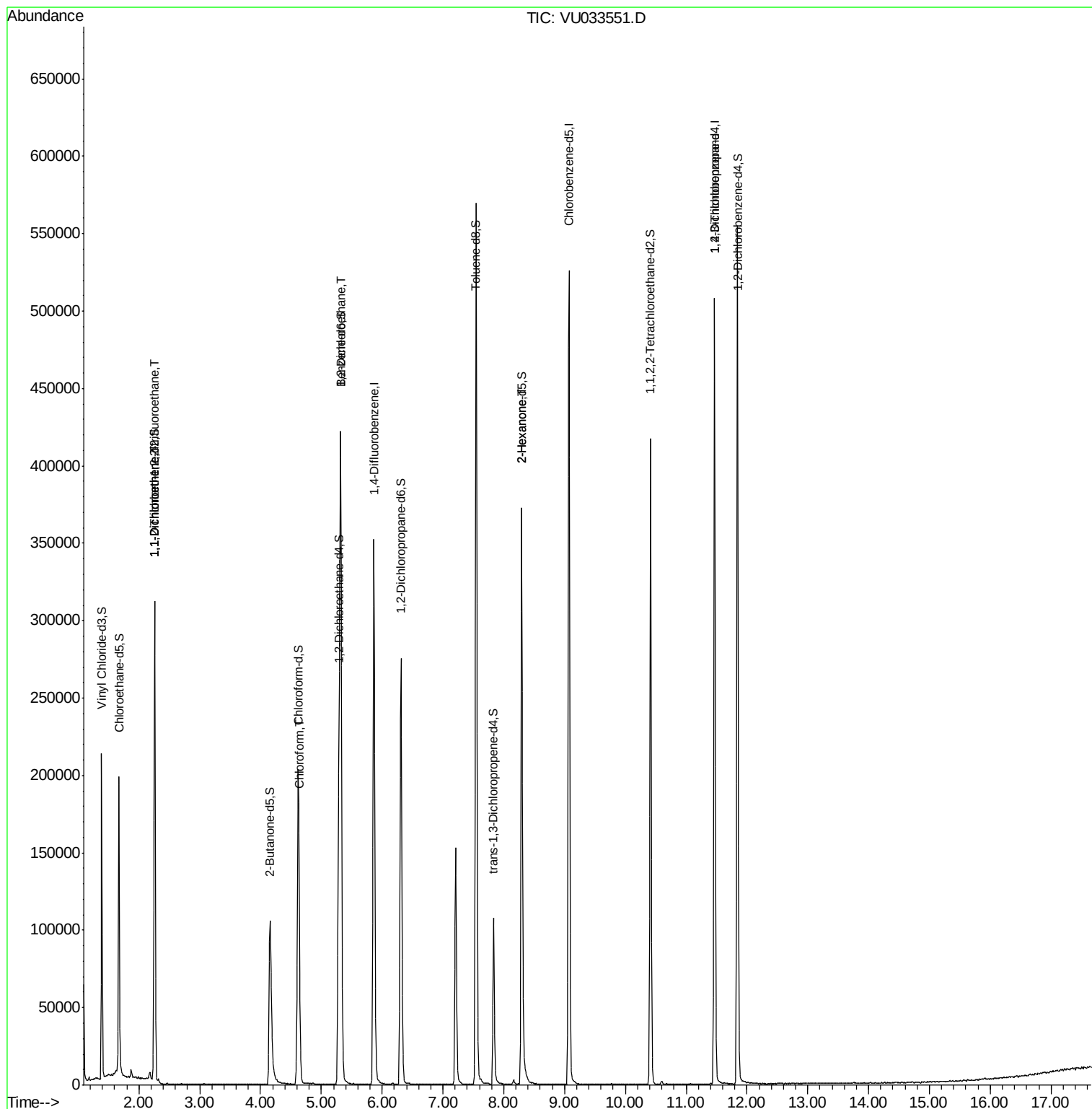
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1728	0.860	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1605	0.833	ug/L #	1
25) Chloroform	4.64	83	5608	1.407	ug/L	95
27) 1,2-Dichloroethane	5.31	62	2169	0.707	ug/L #	75
48) 2-Hexanone	8.30	43	15053	5.975	ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	16230	5.446	ug/L	94

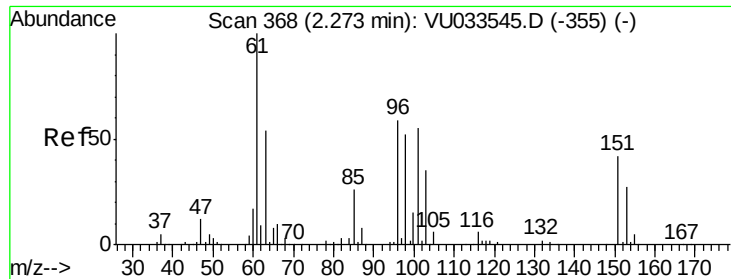
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.860 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

JLLG8

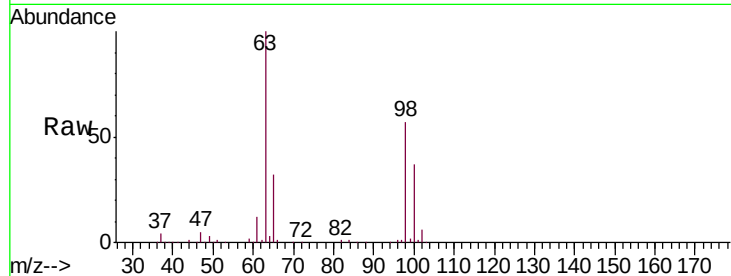
Tgt Ion:101 Resp: 1728

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

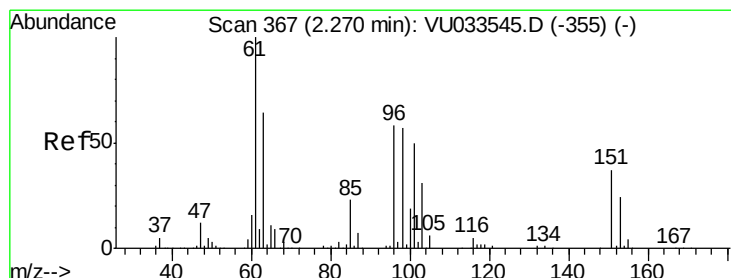
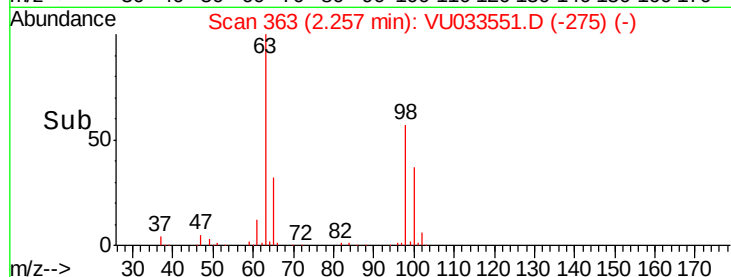
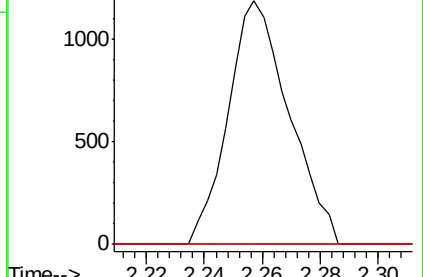
151 0.0 60.1 90.1#



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



#12

1,1-Dichloroethene

Concen: 0.833 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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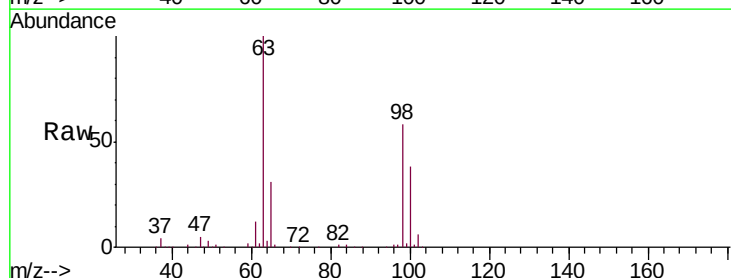
Tgt Ion: 96 Resp: 1605

Ion Ratio Lower Upper

96 100

61 1332.6 119.3 221.5#

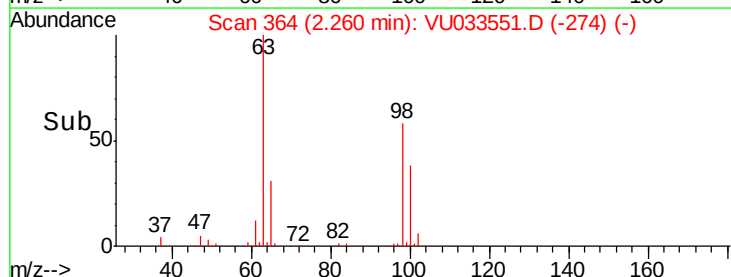
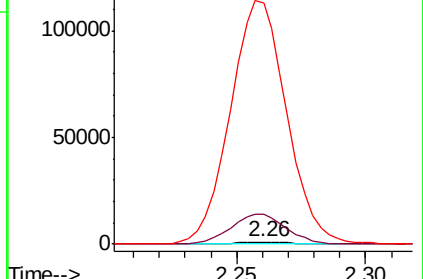
63 10751.6 86.6 160.8#

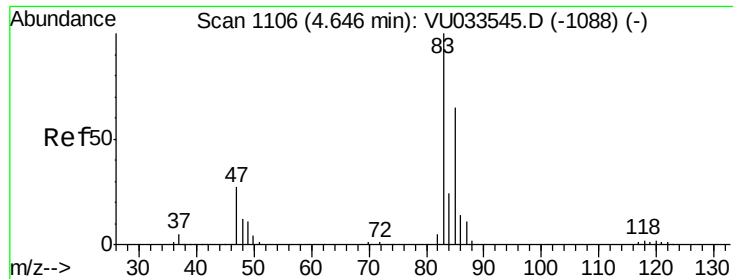


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

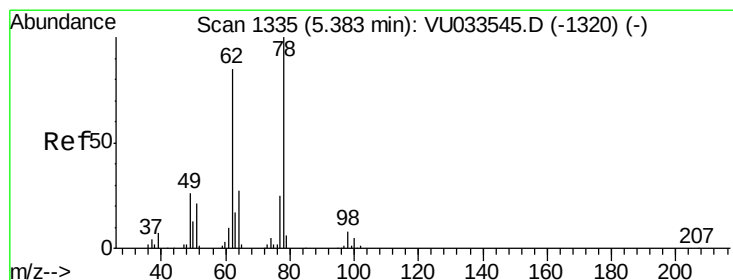
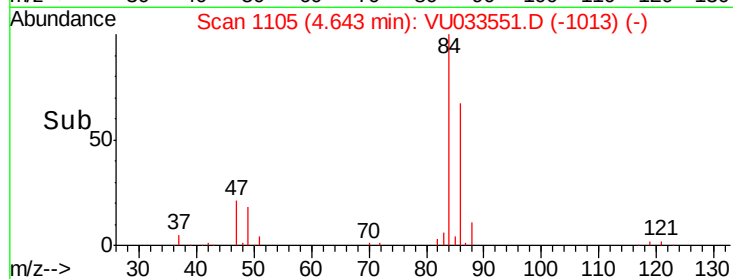
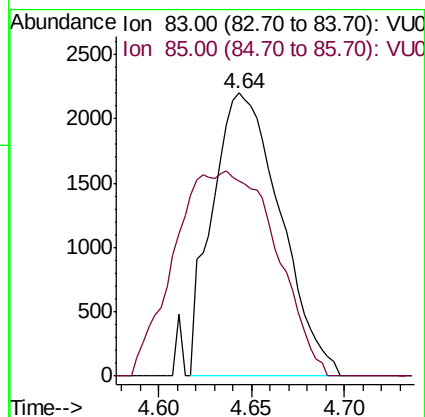
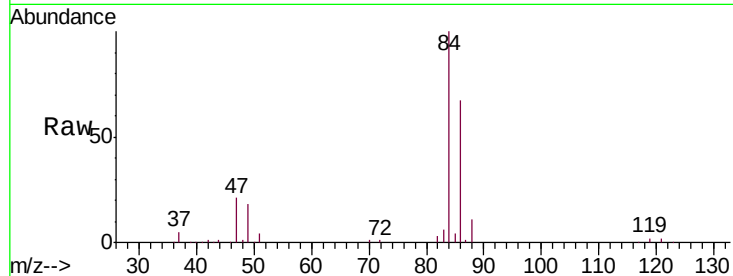




#25
Chloroform
Concen: 1.407 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
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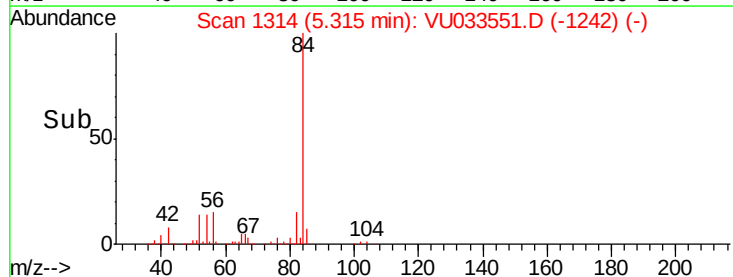
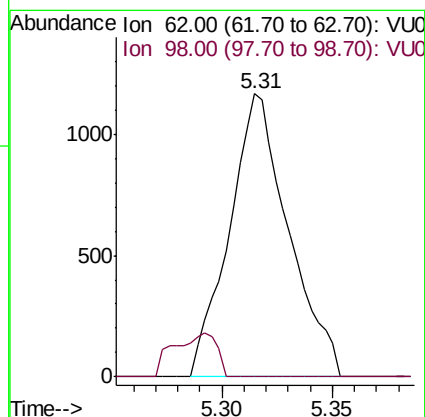
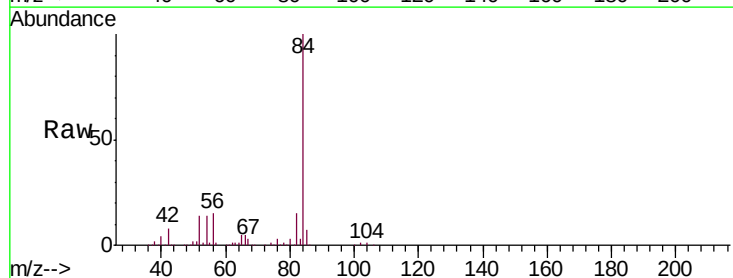
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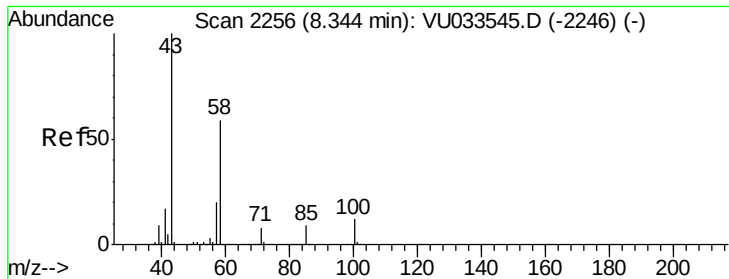
Tgt Ion: 83 Resp: 5608
Ion Ratio Lower Upper
83 100
85 68.9 45.6 84.8



#27
1,2-Dichloroethane
Concen: 0.707 ug/L
RT: 5.31 min Scan# 1314
Delta R.T. -0.07 min
Lab File: VU033551.D
Acq: 01 Aug 2019 15:58

Tgt Ion: 62 Resp: 2169
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

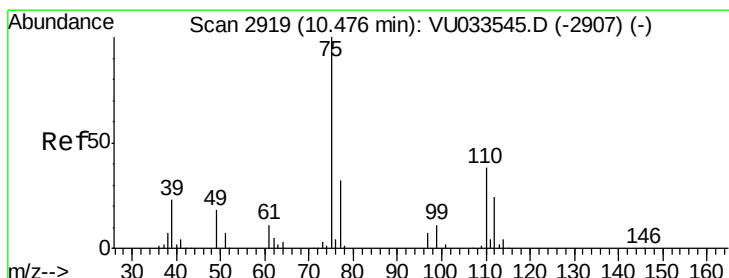
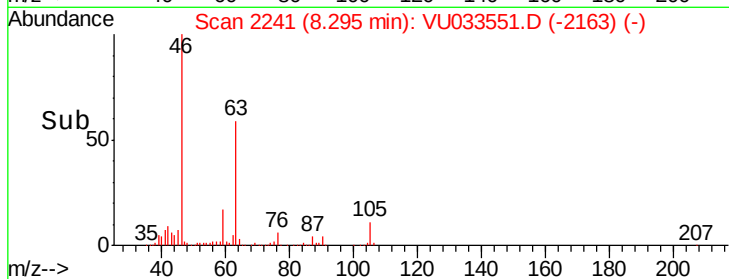
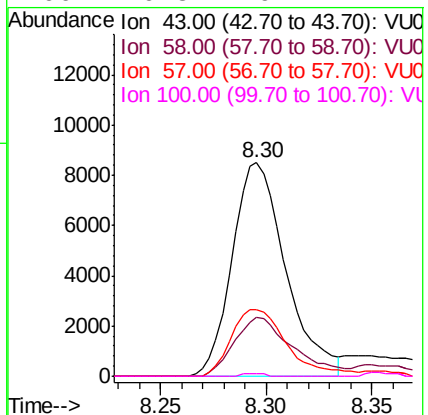
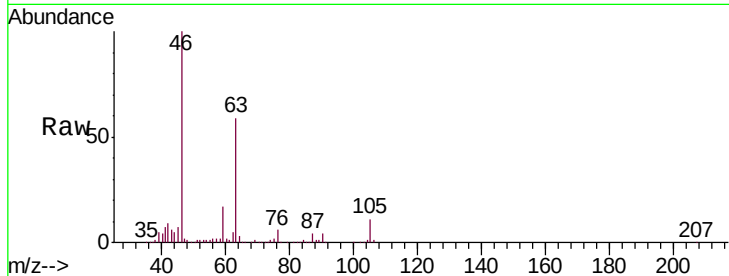




#48
 2-Hexanone
 Concen: 5.975 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033551.D
 Acq: 01 Aug 2019 15:58

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 JLLG8

Tgt Ion: 43 Resp: 15053
 Ion Ratio Lower Upper
 43 100
 58 29.9 45.8 68.6#
 57 32.3 15.8 23.6#
 100 0.3 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.446 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033551.D
 Acq: 01 Aug 2019 15:58

Tgt Ion: 75 Resp: 16230
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.8 38.6

