

Data File : VU029721.D
Acq On : 27 Feb 2019 21:56
Operator : JC/SP
Sample : K1623-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Feb 28 00:56:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	452868	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	443295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215003	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	150585	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.76%
7) Chloroethane-d5	1.68	69	131764	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.32%
11) 1,1-Dichloroethene-d2	2.27	63	224073	34.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.08%
21) 2-Butanone-d5	4.17	46	229000	113.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.40%
24) Chloroform-d	4.65	84	272767	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	5.31	65	173764	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
32) Benzene-d6	5.34	84	599874	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.56%
36) 1,2-Dichloropropane-d6	6.33	67	182780	54.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.92%
41) Toluene-d8	7.56	98	564542	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	7.85	79	82137	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.28%
47) 2-Hexanone-d5	8.31	63	190930	102.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	275863	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	230755	49.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.60%

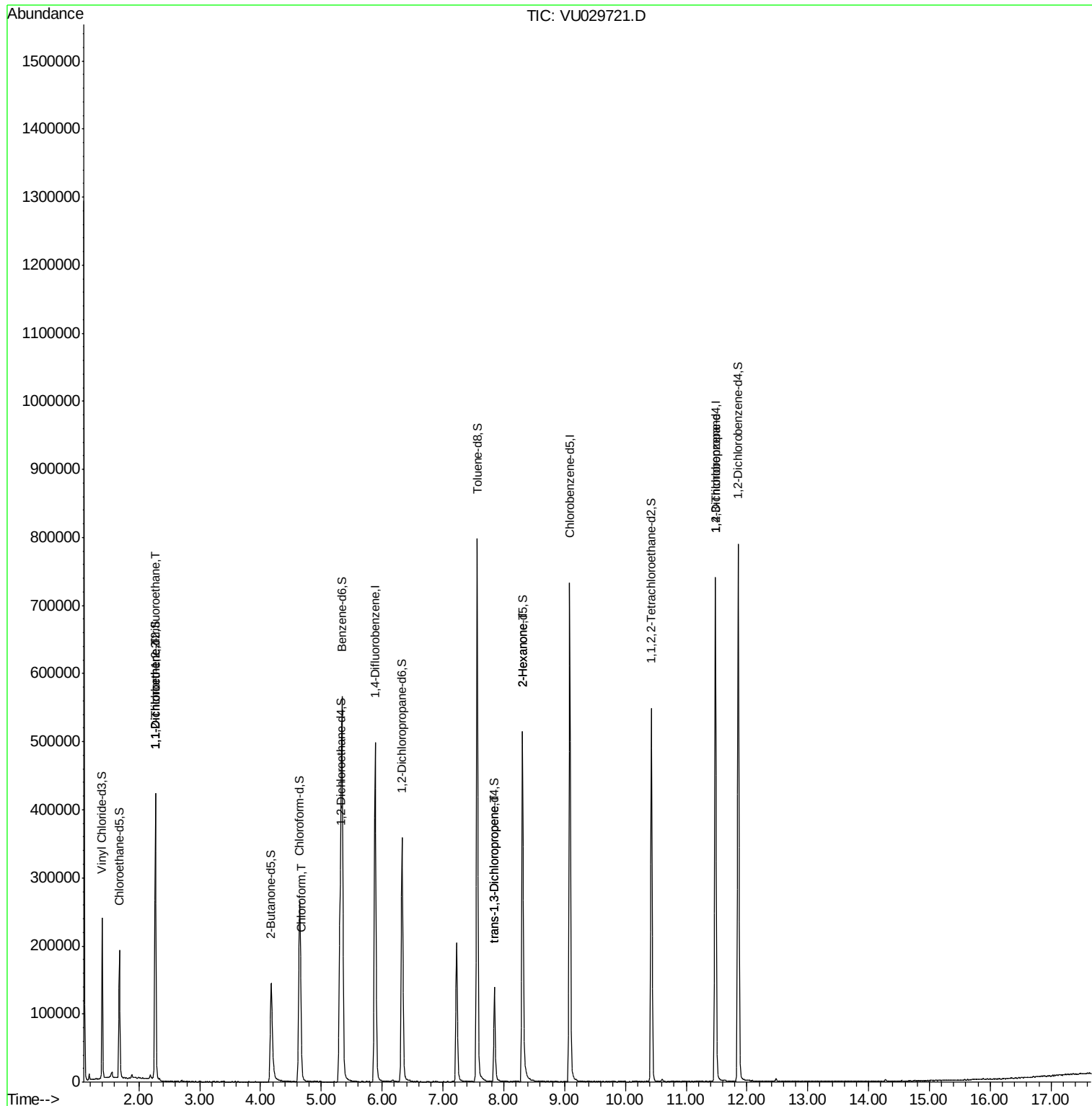
Target Compounds

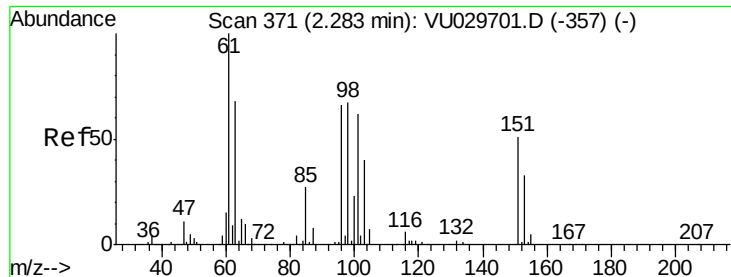
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2313	0.733	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2327	0.776	ug/L #	1
25) Chloroform	4.67	83	7036	1.318	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3343	0.737	ug/L #	74
48) 2-Hexanone	8.31	43	20127	5.492	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	21764	5.116	ug/L	94

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

Data File : VU029721.D
Acq On : 27 Feb 2019 21:56
Operator : JC/SP
Sample : K1623-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Feb 28 00:56:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration





#10

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

Concen: 0.733 ug/L

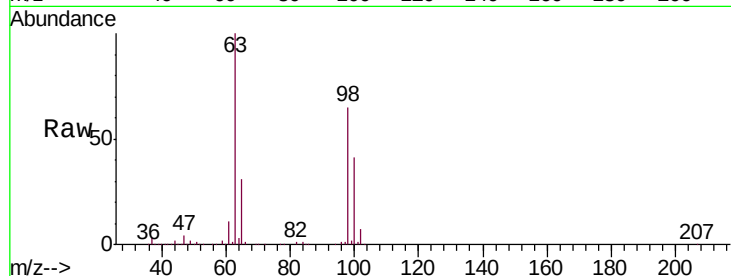
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029721.D

Acq: 27 Feb 2019 21:56

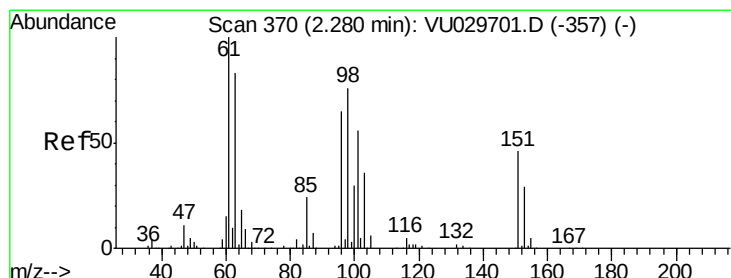
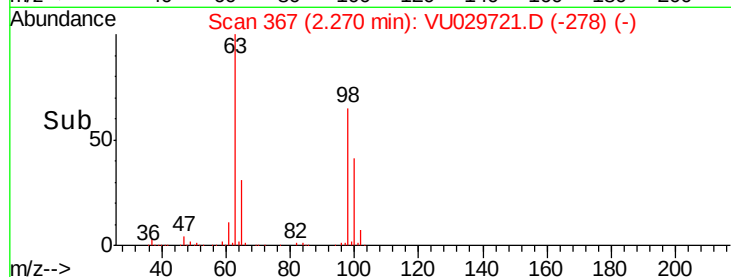
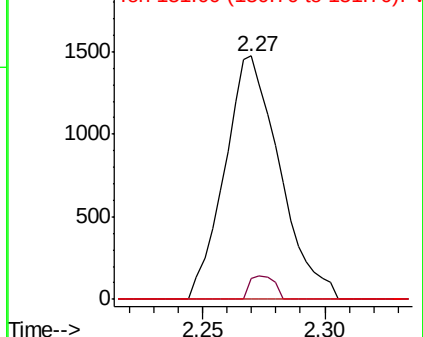
Tgt Ion:	101	Resp:	2313
Ion	Ratio	Lower	Upper
101	100		
85	4.2	33.0	49.6#
151	0.0	65.7	98.5#



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: 0.776 ug/L

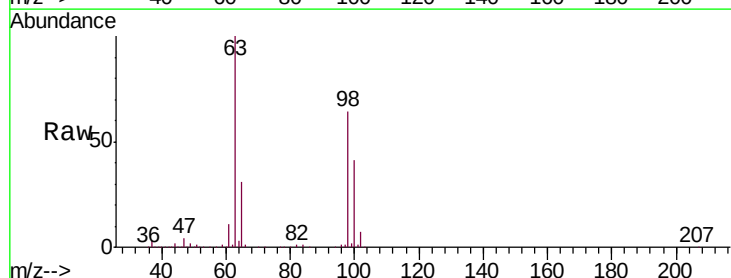
RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU029721.D

Acq: 27 Feb 2019 21:56

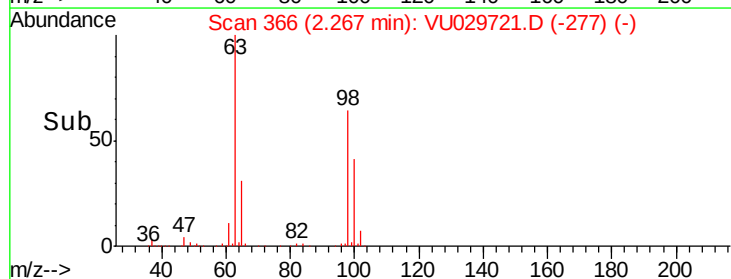
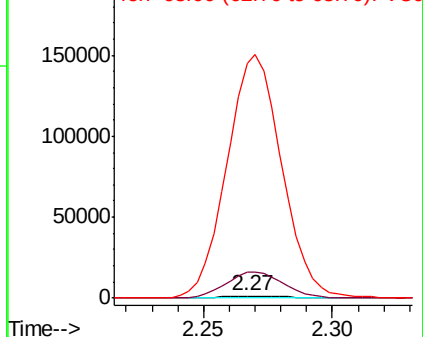
Tgt Ion:	96	Resp:	2327
Ion	Ratio	Lower	Upper
96	100		
61	1179.2	114.0	211.8#
63	10786.0	98.7	183.3#

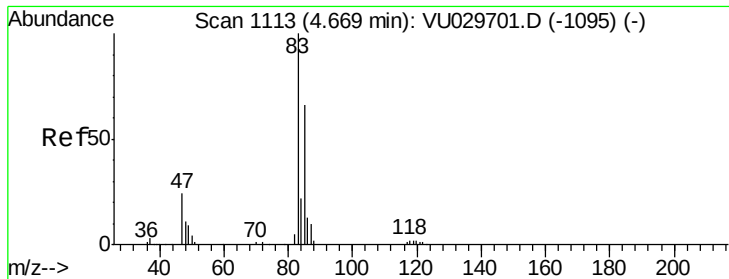


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

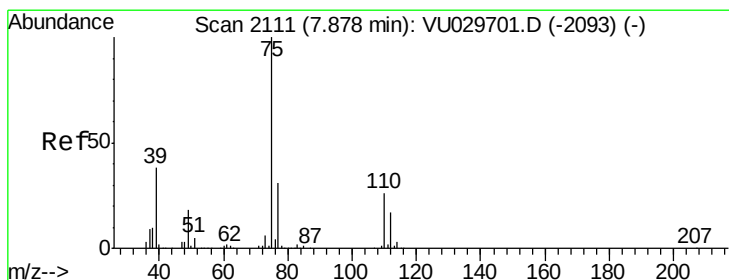
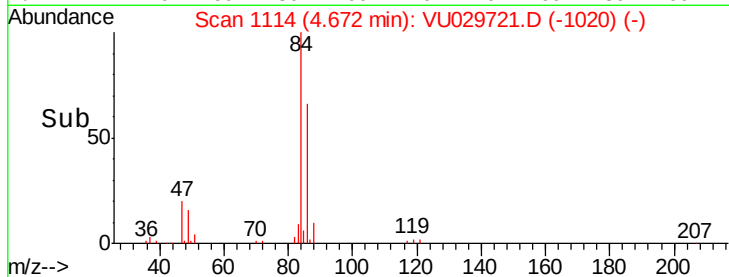
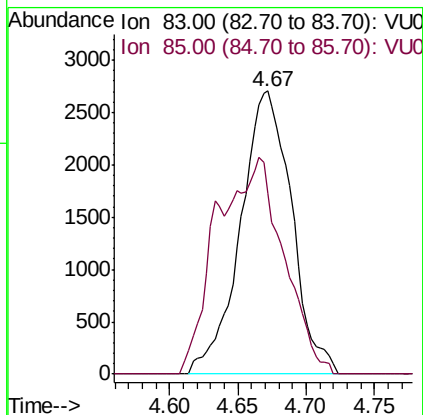
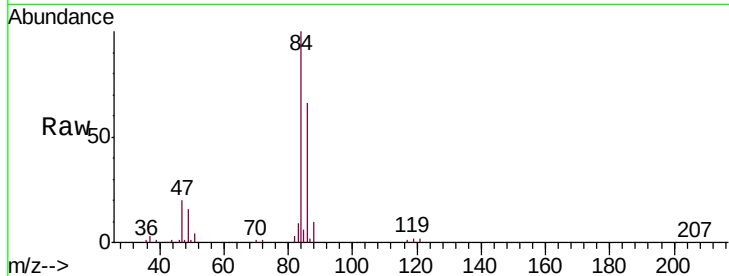
Ion 63.00 (62.70 to 63.70): VU0





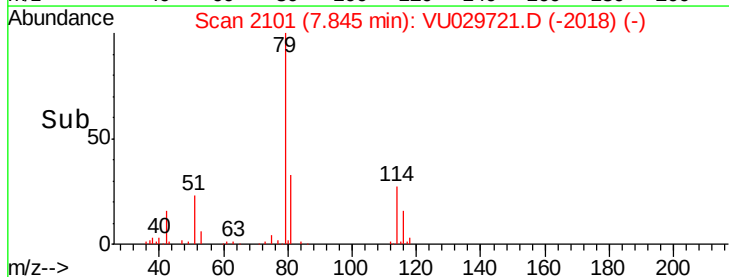
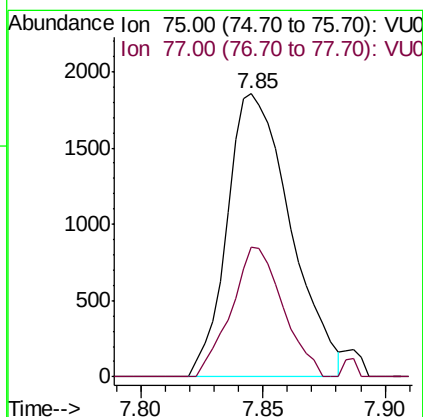
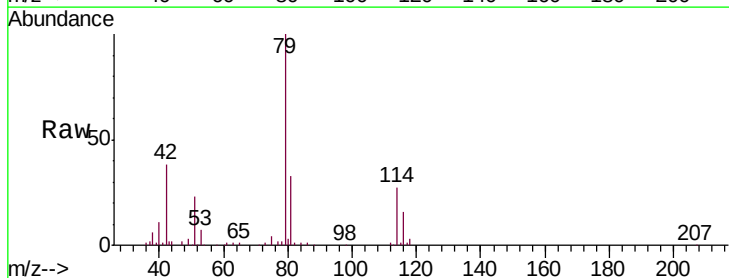
#25
Chloroform
Concen: 1.318 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029721.D
Acq: 27 Feb 2019 21:56

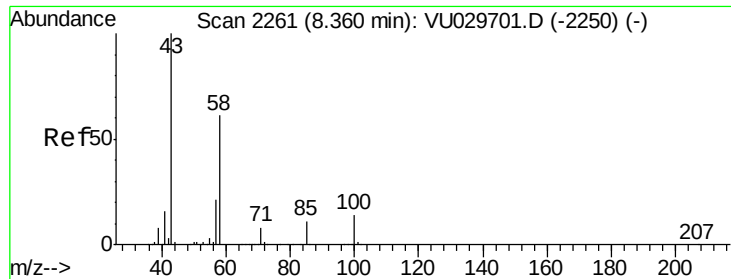
Tgt Ion: 83 Resp: 7036
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2



#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029721.D
Acq: 27 Feb 2019 21:56

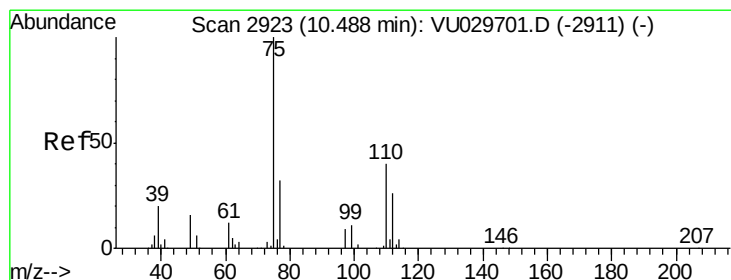
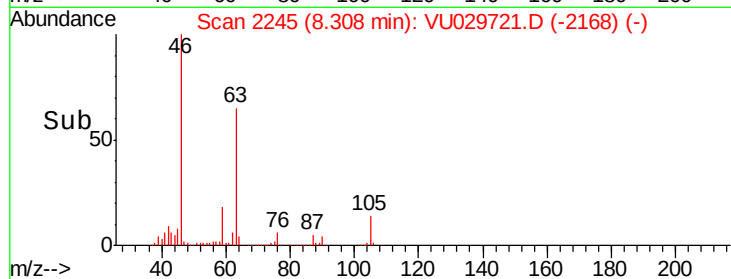
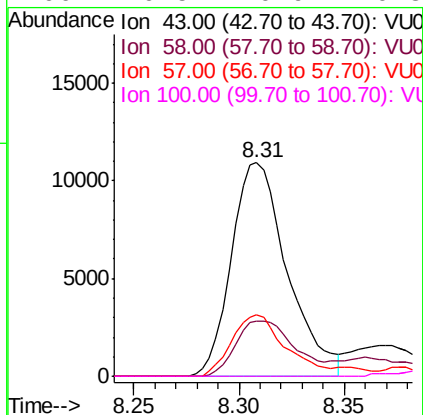
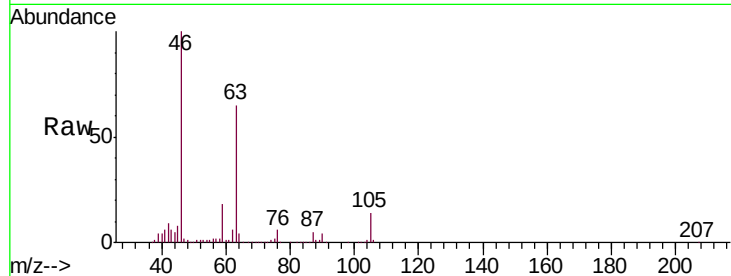
Tgt Ion: 75 Resp: 3343
Ion Ratio Lower Upper
75 100
77 45.8 22.1 41.1#





#48
 2-Hexanone
 Concen: 5.492 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029721.D
 Acq: 27 Feb 2019 21:56

Tgt Ion:	43	Resp:	20127
Ion	Ratio	Lower	Upper
43	100		
58	27.3	46.4	69.6#
57	27.8	15.7	23.5#
100	0.5	10.9	16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.116 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029721.D
 Acq: 27 Feb 2019 21:56

Tgt Ion:	75	Resp:	21764
Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.7	38.5

