

Data File : VU029703.D
Acq On : 27 Feb 2019 14:35
Operator : JC/SP
Sample : K1621-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 28 00:53:44 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	455023	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	439235	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169164	50.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.46%
7) Chloroethane-d5	1.68	69	142774	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.34%
11) 1,1-Dichloroethene-d2	2.27	63	229988	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	4.17	46	255561	125.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.95%
24) Chloroform-d	4.65	84	286421	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.92%
26) 1,2-Dichloroethane-d4	5.31	65	186988	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.22%
32) Benzene-d6	5.34	84	655147	59.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.56%
36) 1,2-Dichloropropane-d6	6.33	67	197413	59.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.74%
41) Toluene-d8	7.56	98	614231	54.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.92%
43) trans-1,3-Dichloropropene-	7.85	79	92342	52.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.70%
47) 2-Hexanone-d5	8.31	63	210173	113.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297546	52.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	248311	54.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.74%

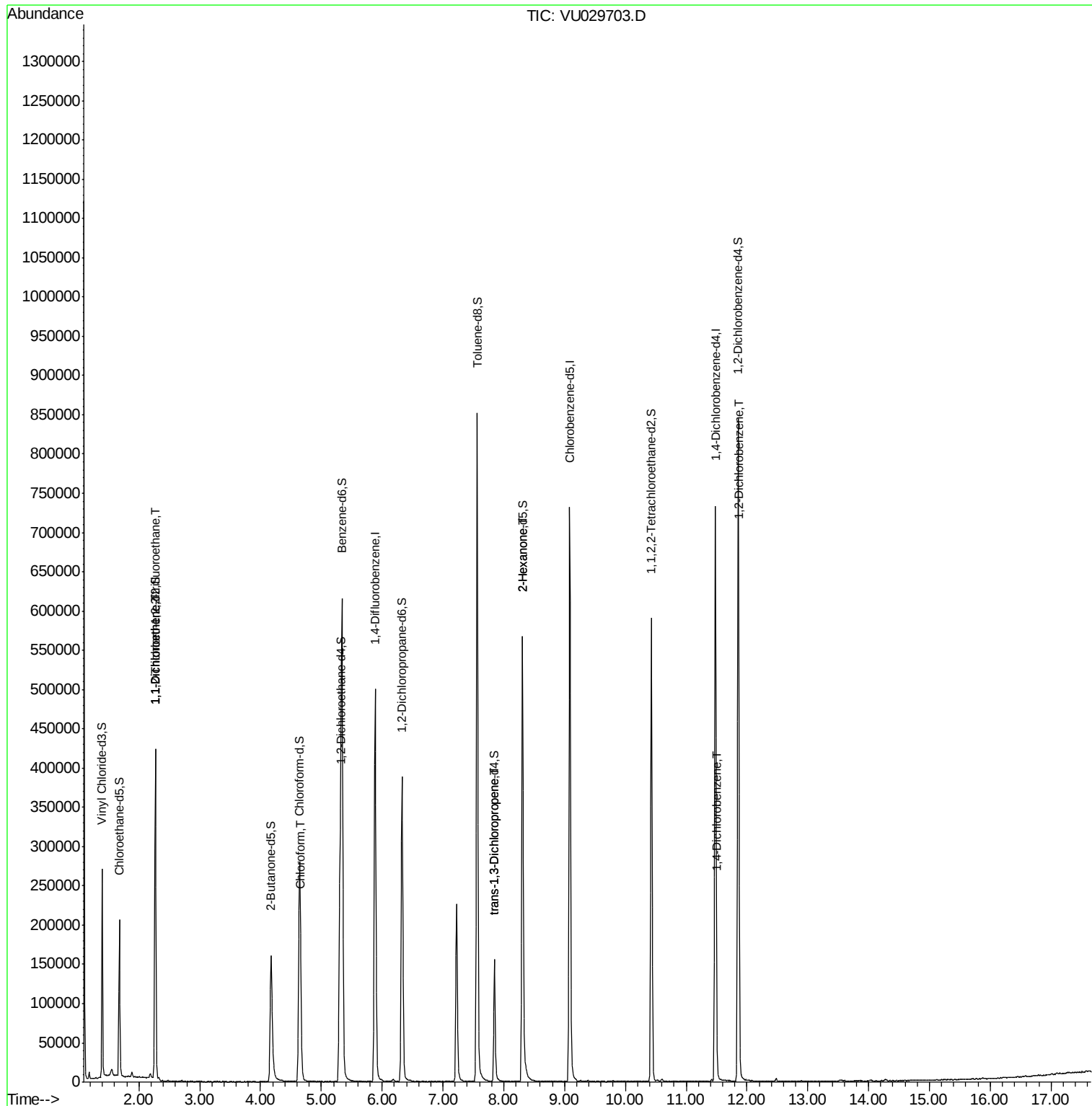
Target Compounds

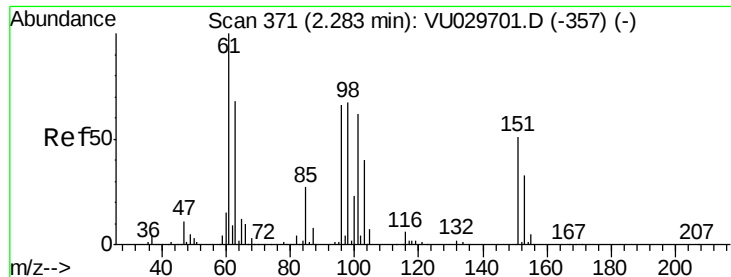
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2588	0.817	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1899	0.630	ug/L #	1
25) Chloroform	4.67	83	13446	2.506	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	4243	0.944	ug/L	99
48) 2-Hexanone	8.31	43	21729	5.984	ug/L #	68
63) 1,4-Dichlorobenzene	11.51	146	5116	0.752	ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	4696	0.666	ug/L #	83

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

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#10

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

Concen: 0.817 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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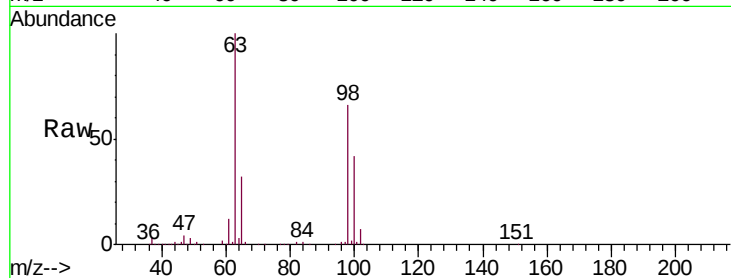
Tgt Ion: 101 Resp: 2588

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

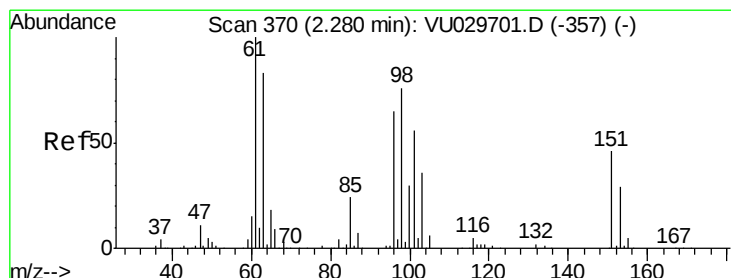
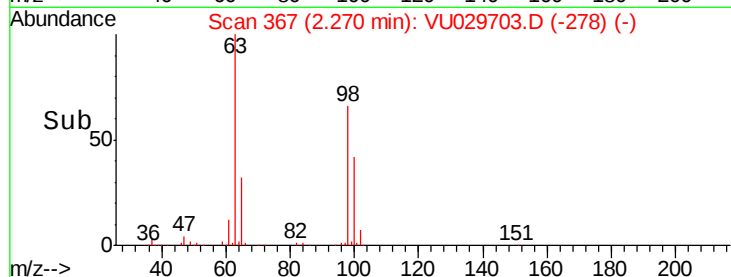
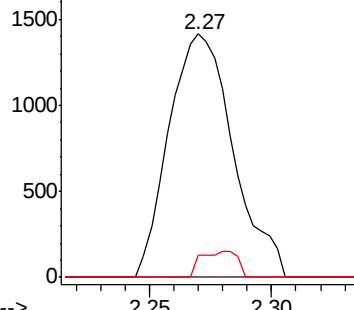
151 3.2 65.7 98.5#



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: 0.630 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029703.D

Acq: 27 Feb 2019 14:35

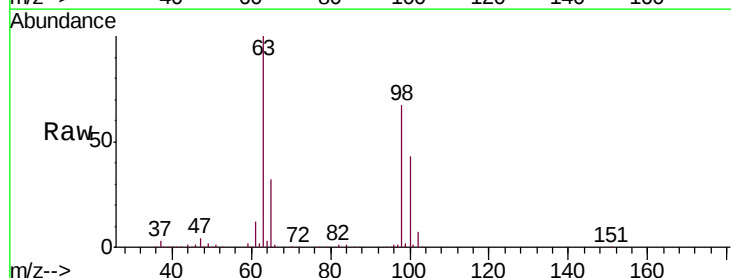
Tgt Ion: 96 Resp: 1899

Ion Ratio Lower Upper

96 100

61 1280.5 114.0 211.8#

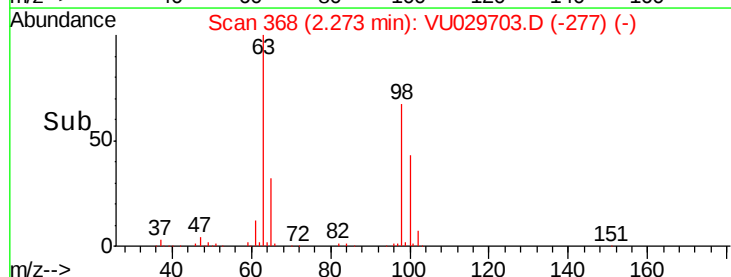
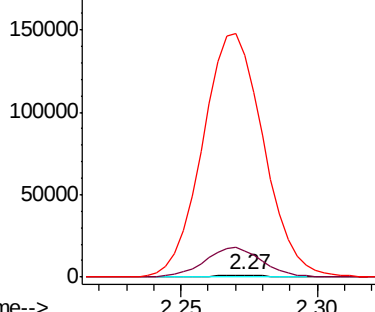
63 10776.0 98.7 183.3#

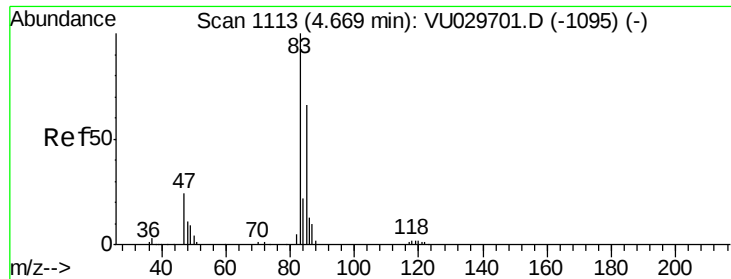


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 2.506 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029703.D

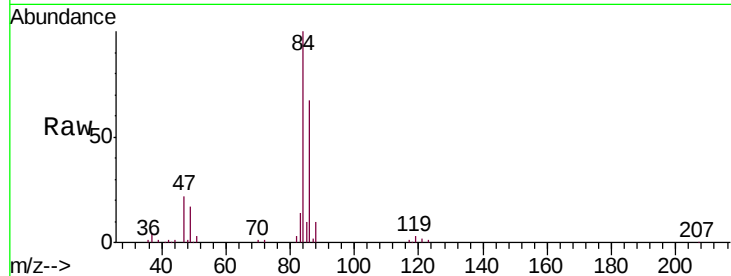
Acq: 27 Feb 2019 14:35

Tgt Ion: 83 Resp: 13446

Ion Ratio Lower Upper

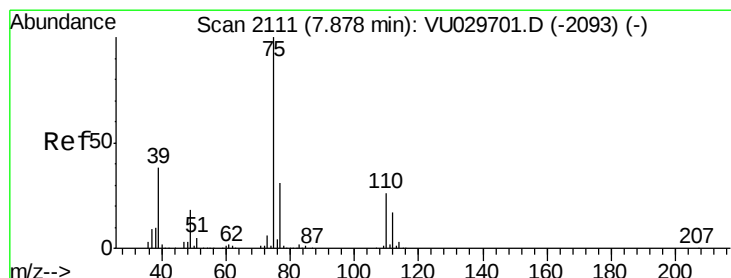
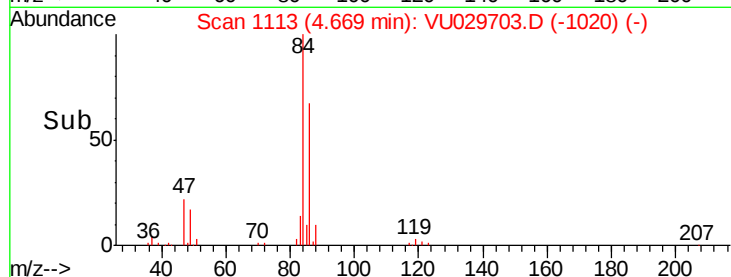
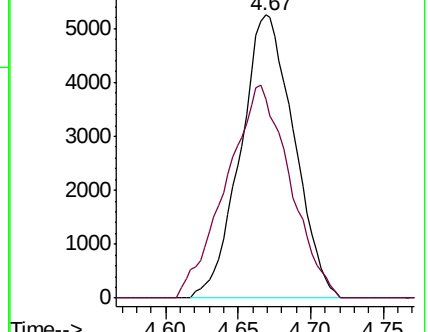
83 100

85 70.5 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.944 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029703.D

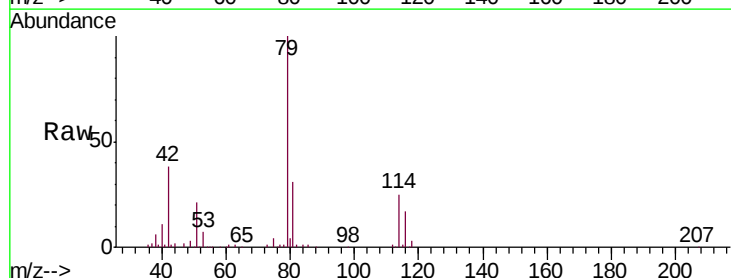
Acq: 27 Feb 2019 14:35

Tgt Ion: 75 Resp: 4243

Ion Ratio Lower Upper

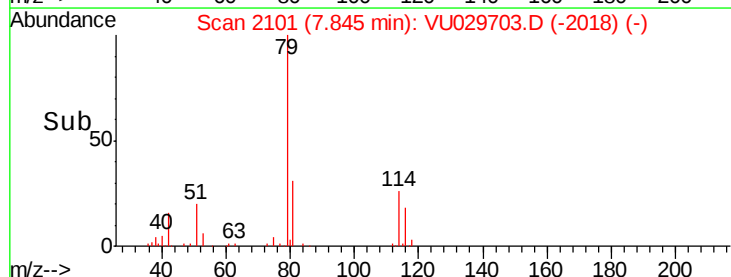
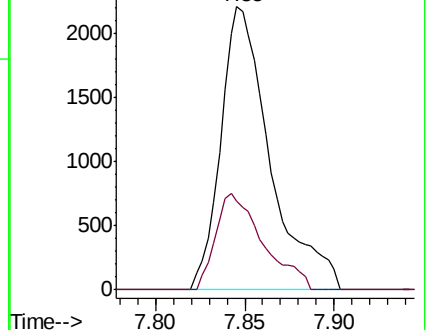
75 100

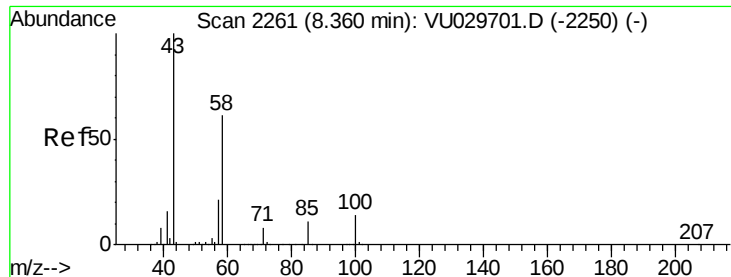
77 31.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

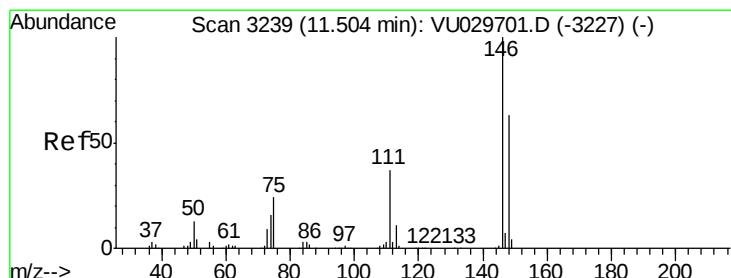
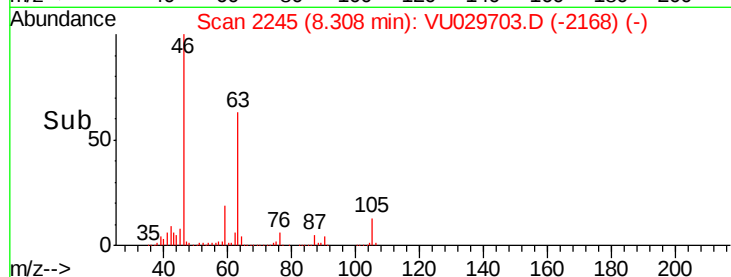
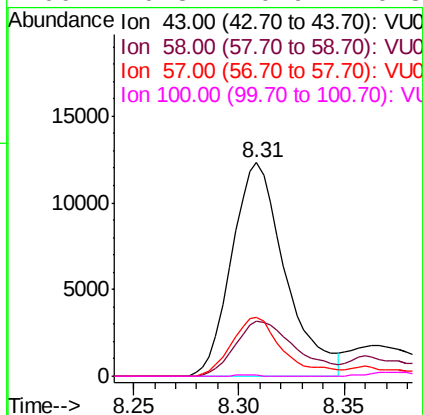
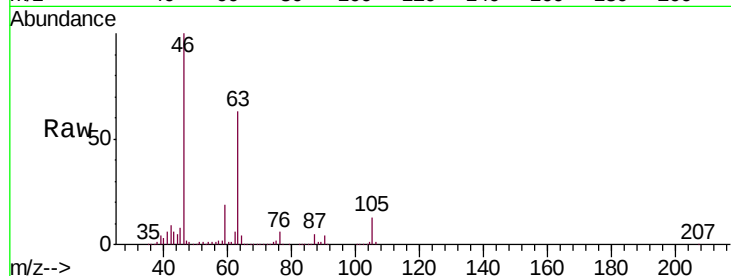
Ion 77.00 (76.70 to 77.70): VU0





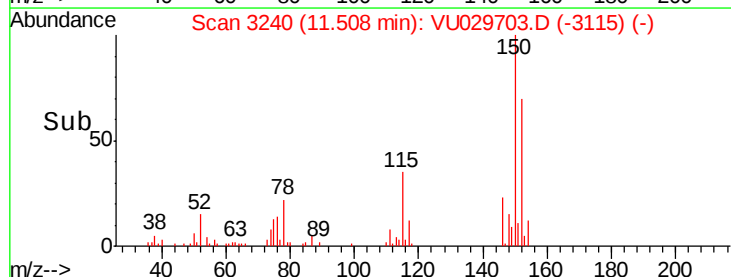
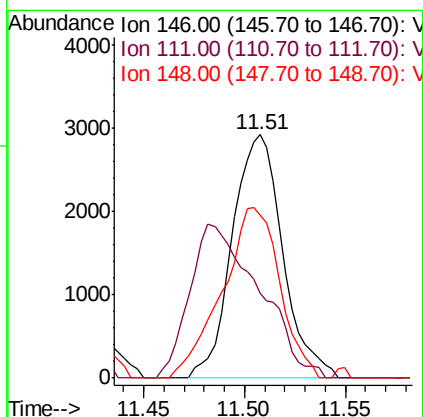
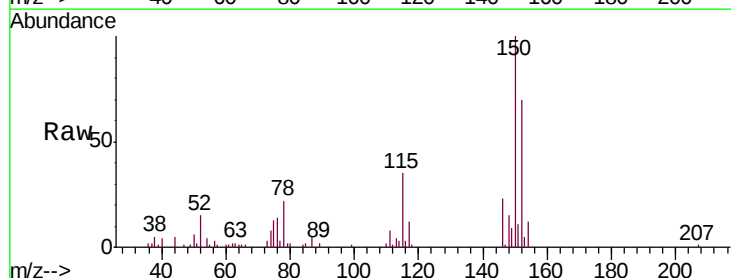
#48
 2-Hexanone
 Concen: 5.984 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
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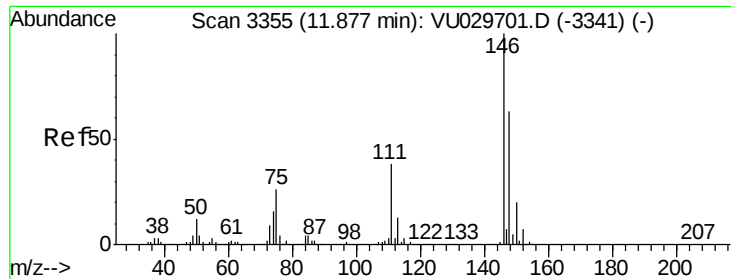
Tgt Ion:	43	Resp:	21729
Ion	Ratio	Lower	Upper
43	100		
58	29.7	46.4	69.6#
57	25.2	15.7	23.5#
100	0.3	10.9	16.3#



#63
 1,4-Dichlorobenzene
 Concen: 0.752 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029703.D
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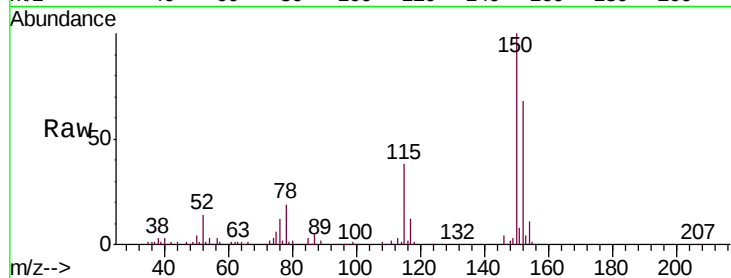
Tgt Ion:	146	Resp:	5116
Ion	Ratio	Lower	Upper
146	100		
111	34.9	25.1	46.5
148	67.0	45.0	83.6





#65
 1,2-Dichlorobenzene
 Concen: 0.666 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU029703.D
 Acq: 27 Feb 2019 14:35

Tgt Ion:146 Resp: 4696
 Ion Ratio Lower Upper
 146 100
 111 50.4 31.2 46.8#
 148 51.6 51.6 77.4#



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

