

Data File : VU029715.D
Acq On : 27 Feb 2019 19:36
Operator : JC/SP
Sample : K1625-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Feb 28 00:55:48 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	448548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	431828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203543	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145361	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.46%
7) Chloroethane-d5	1.68	69	125301	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.76%
11) 1,1-Dichloroethene-d2	2.27	63	210424	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	4.17	46	257888	128.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.93%
24) Chloroform-d	4.65	84	269469	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
26) 1,2-Dichloroethane-d4	5.31	65	169967	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.34	84	583682	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
36) 1,2-Dichloropropane-d6	6.33	67	180616	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.50%
41) Toluene-d8	7.56	98	551630	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%
43) trans-1,3-Dichloropropene-	7.85	79	80651	46.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.02%
47) 2-Hexanone-d5	8.31	63	229223	125.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278550	50.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	220413	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%

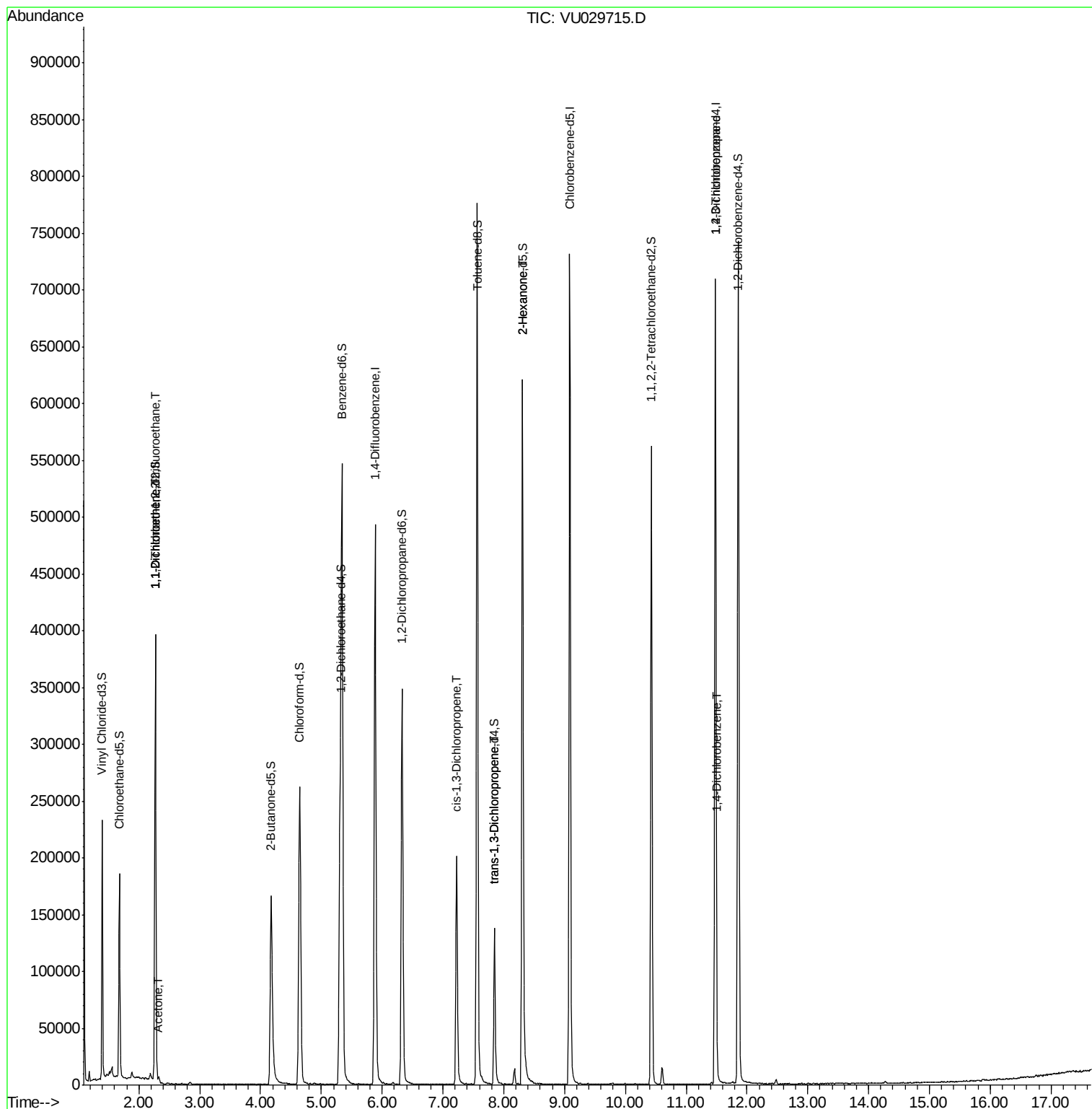
Target Compounds

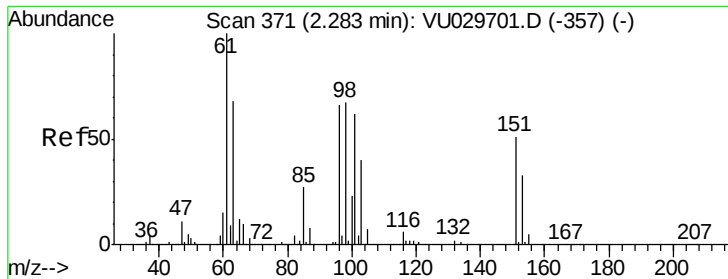
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2297	0.735 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1793	0.604 ug/L #	1
13) Acetone	2.32	43	2980	1.394 ug/L	81
39) cis-1,3-Dichloropropene	7.22	75	4841	1.032 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	3021	0.684 ug/L	84
48) 2-Hexanone	8.31	43	23719	6.644 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	21594	5.211 ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	3392	0.519 ug/L	91

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

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#10

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

Concen: 0.735 ug/L

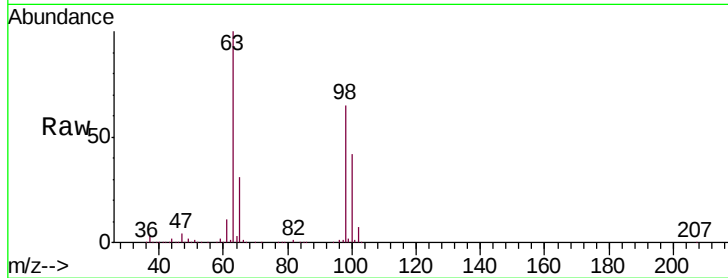
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

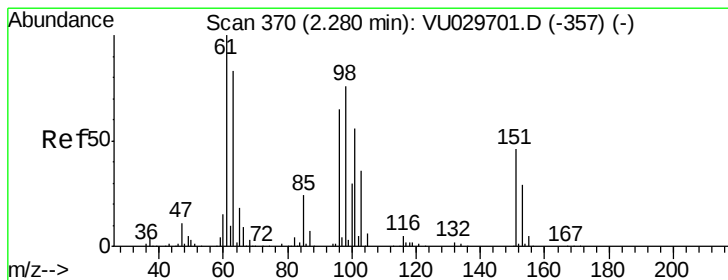
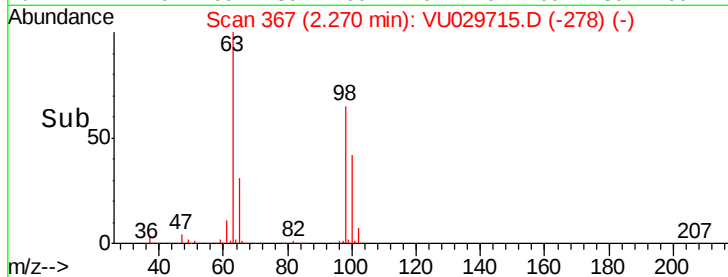
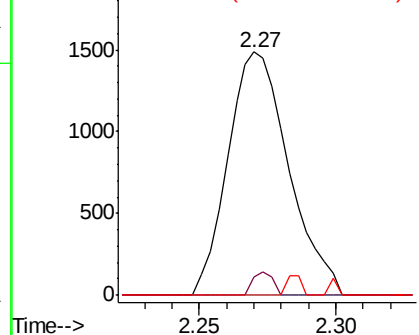
Lab File: VU029715.D

Acq: 27 Feb 2019 19:36

Tgt Ion:	101	Resp:	2297
Ion	Ratio	Lower	Upper
101	100		
85	3.1	33.0	49.6#
151	2.0	65.7	98.5#



Abundance Ion 101.00 (100.70 to 101.70): V
 2000 Ion 85.00 (84.70 to 85.70): VU
 Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.604 ug/L

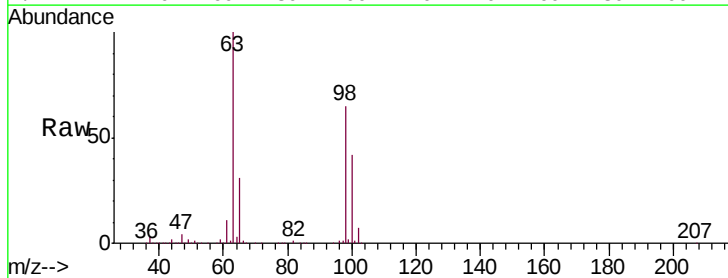
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

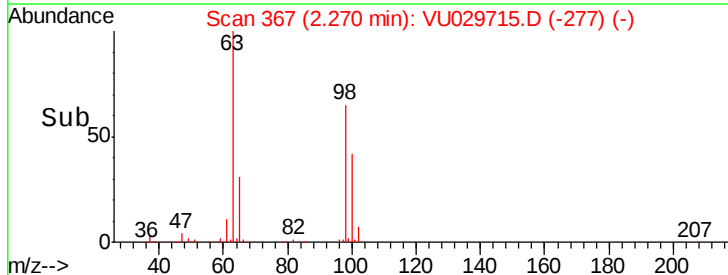
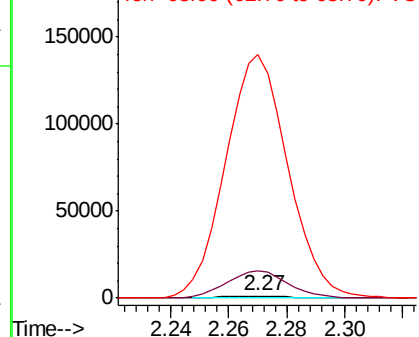
Lab File: VU029715.D

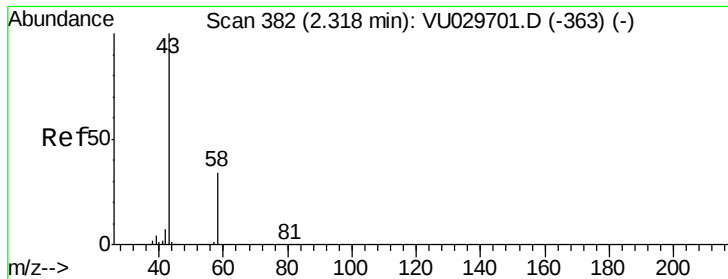
Acq: 27 Feb 2019 19:36

Tgt Ion:	96	Resp:	1793
Ion	Ratio	Lower	Upper
96	100		
61	1359.7	114.0	211.8#
63	11902.0	98.7	183.3#



Abundance Ion 96.00 (95.70 to 96.70): VU
 Ion 61.00 (60.70 to 61.70): VU
 Ion 63.00 (62.70 to 63.70): VU





#13

Acetone

Concen: 1.394 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029715.D

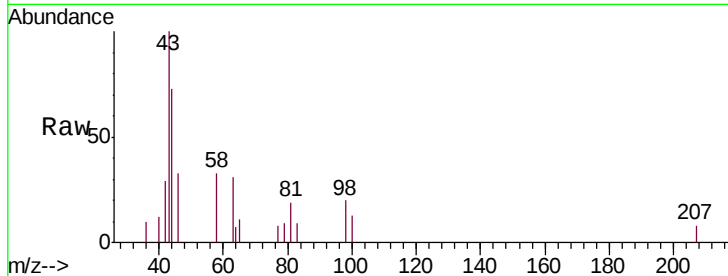
Acq: 27 Feb 2019 19:36

Tgt Ion: 43 Resp: 2980

Ion Ratio Lower Upper

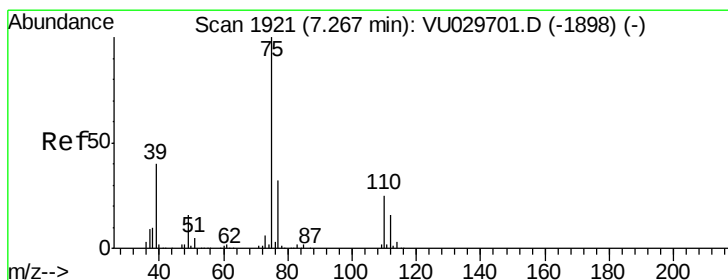
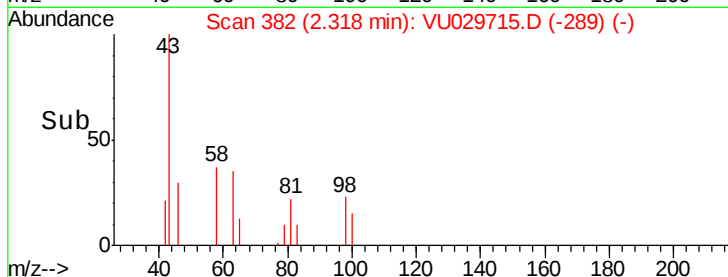
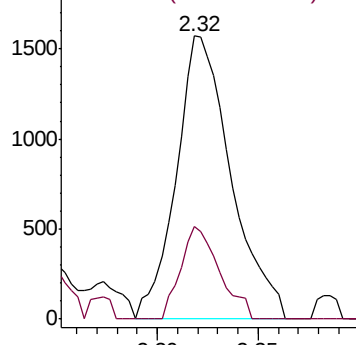
43 100

58 22.6 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 1.032 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029715.D

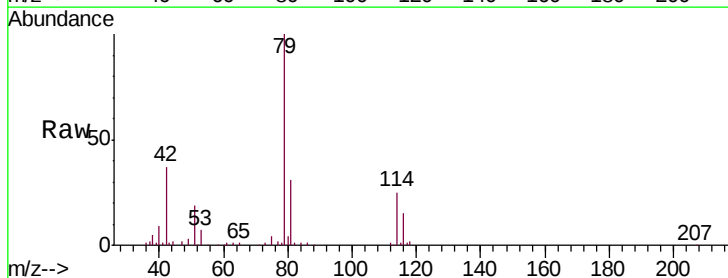
Acq: 27 Feb 2019 19:36

Tgt Ion: 75 Resp: 4841

Ion Ratio Lower Upper

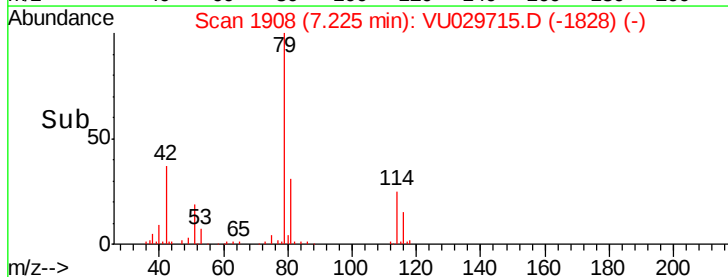
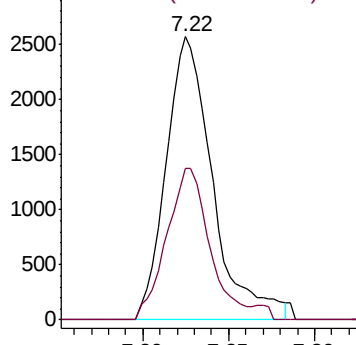
75 100

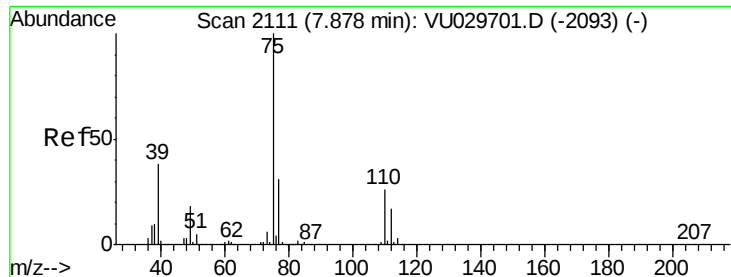
77 53.7 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.684 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029715.D

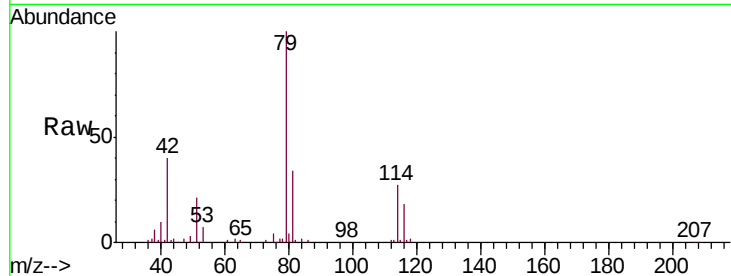
Acq: 27 Feb 2019 19:36

Tgt Ion: 75 Resp: 3021

Ion Ratio Lower Upper

75 100

77 40.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU029715.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU029715.D (-2102) (-)

7.85

2000

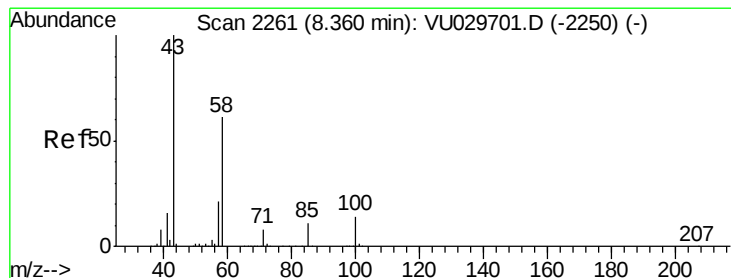
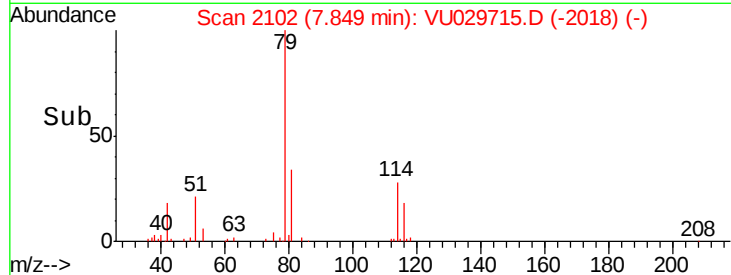
1500

1000

500

0

Time--> 7.80 7.85



#48

2-Hexanone

Concen: 6.644 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU029715.D

Acq: 27 Feb 2019 19:36

Tgt Ion: 43 Resp: 23719

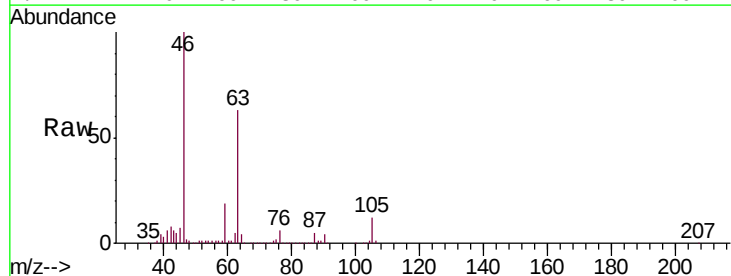
Ion Ratio Lower Upper

43 100

58 29.6 46.4 69.6#

57 28.2 15.7 23.5#

100 0.4 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VU029715.D (-2244) (-)

Ion 58.00 (57.70 to 58.70): VU029715.D (-2244) (-)

Ion 57.00 (56.70 to 57.70): VU029715.D (-2244) (-)

Ion 100.00 (99.70 to 100.70): VU029715.D (-2244) (-)

8.31

20000

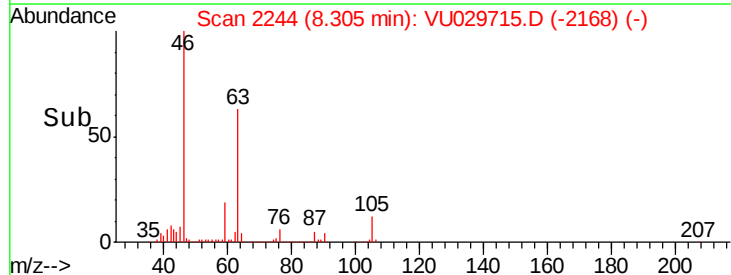
15000

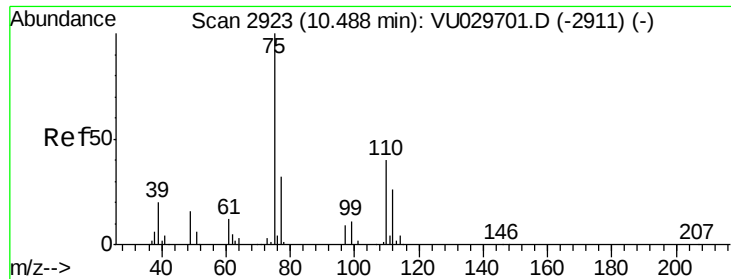
10000

5000

0

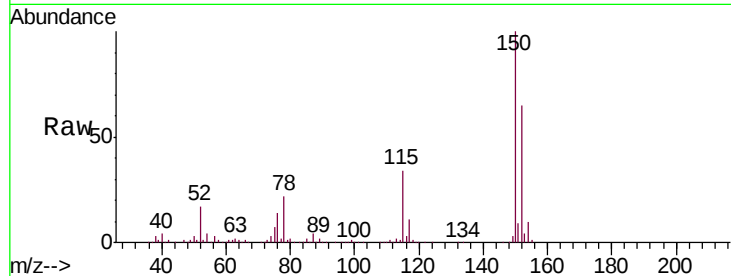
Time--> 8.25 8.30 8.35



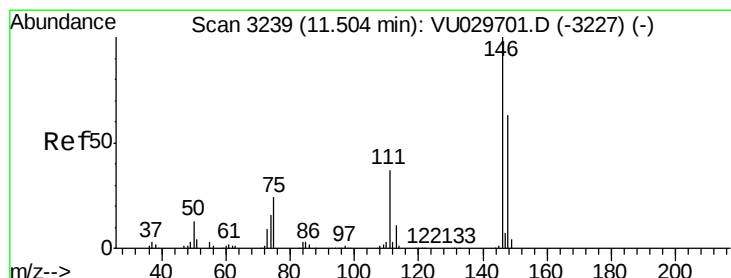
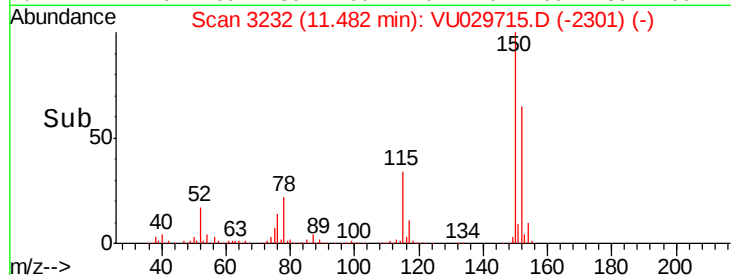
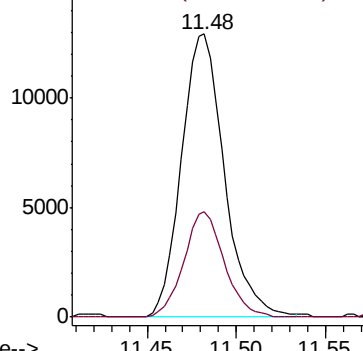


#59
 1,2,3-Trichloropropane
 Concen: 5.211 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029715.D
 Acq: 27 Feb 2019 19:36

Tgt Ion: 75 Resp: 21594
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.7 38.5

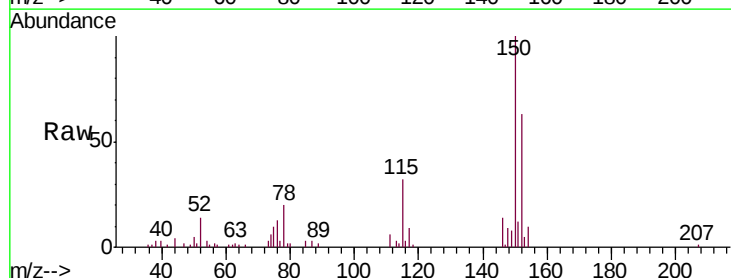


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0



#63
 1,4-Dichlorobenzene
 Concen: 0.519 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029715.D
 Acq: 27 Feb 2019 19:36

Tgt Ion: 146 Resp: 3392
 Ion Ratio Lower Upper
 146 100
 111 46.4 25.1 46.5
 148 67.2 45.0 83.6



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

