

Data File : VU029716.D
Acq On : 27 Feb 2019 19:59
Operator : JC/SP
Sample : K1625-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Feb 28 00:55:56 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	439701	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	421684	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148629	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.26%
7) Chloroethane-d5	1.68	69	125168	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.27	63	209338	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.48%
21) 2-Butanone-d5	4.17	46	216603	110.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.47%
24) Chloroform-d	4.65	84	267217	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
26) 1,2-Dichloroethane-d4	5.31	65	167428	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
32) Benzene-d6	5.34	84	585432	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.34%
36) 1,2-Dichloropropane-d6	6.33	67	178482	55.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.82%
41) Toluene-d8	7.56	98	549982	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%
43) trans-1,3-Dichloropropene-	7.85	79	82306	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.22%
47) 2-Hexanone-d5	8.31	63	182640	102.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265351	49.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	225603	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%

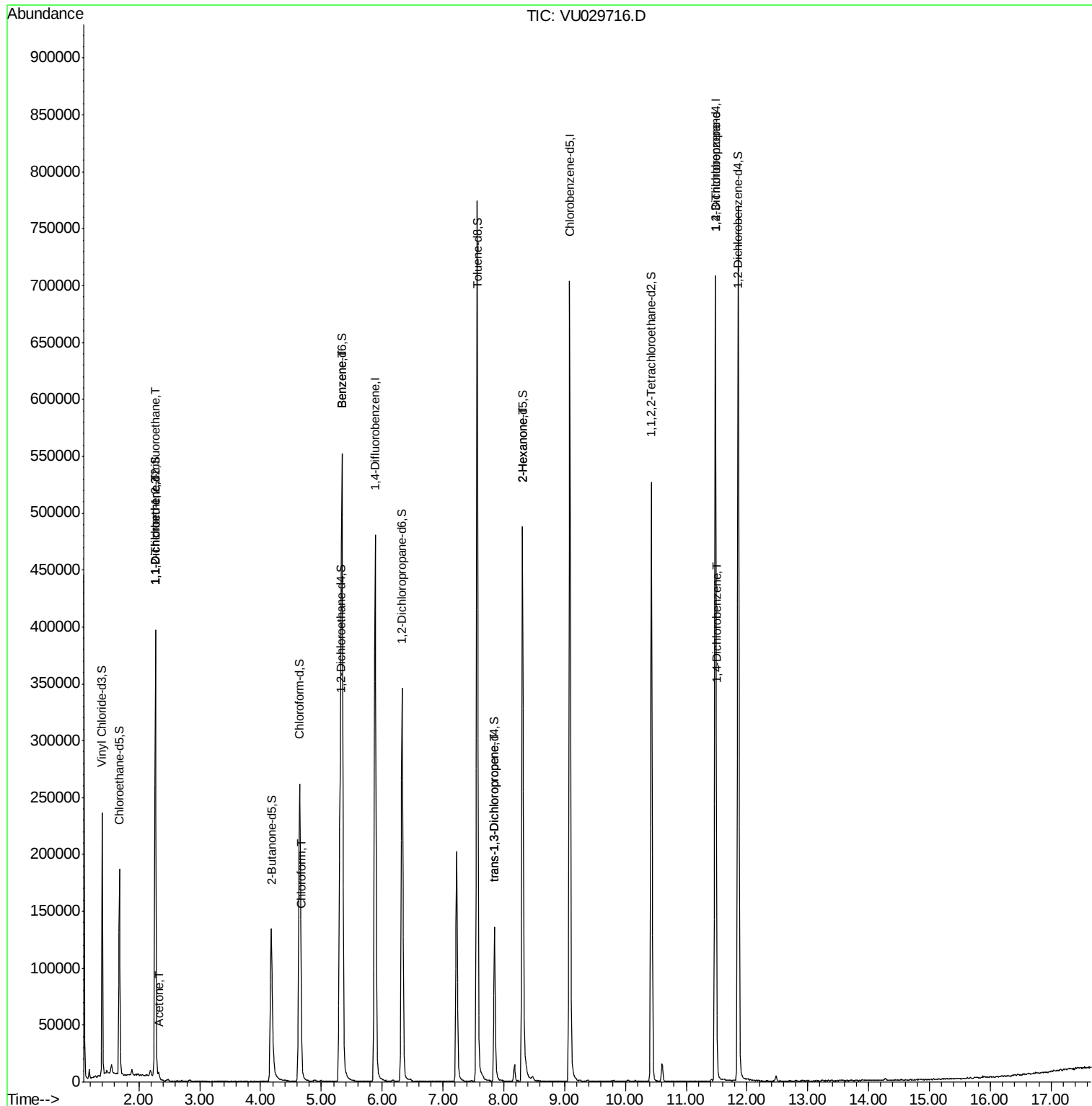
Target Compounds

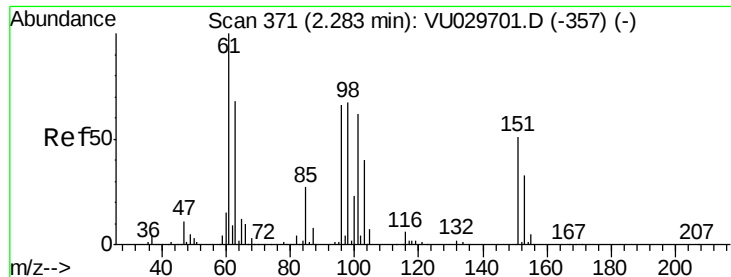
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2380	0.777 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1901	0.653 ug/L #	1
13) Acetone	2.32	43	4718	2.252 ug/L	94
25) Chloroform	4.68	83	5425	1.046 ug/L	90
33) Benzene	5.34	78	4750	0.439 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3457	0.801 ug/L #	82
48) 2-Hexanone	8.31	43	18188	5.217 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	23192	5.731 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	3257	0.494 ug/L	90

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

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#10

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

Concen: 0.777 ug/L

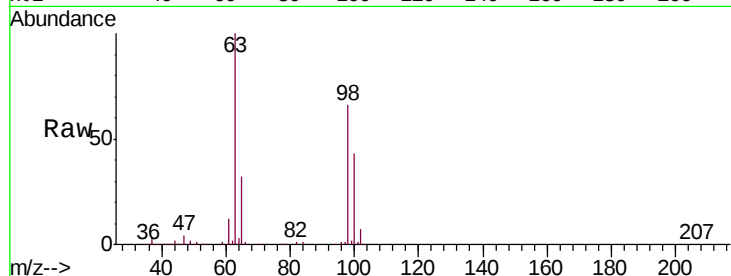
RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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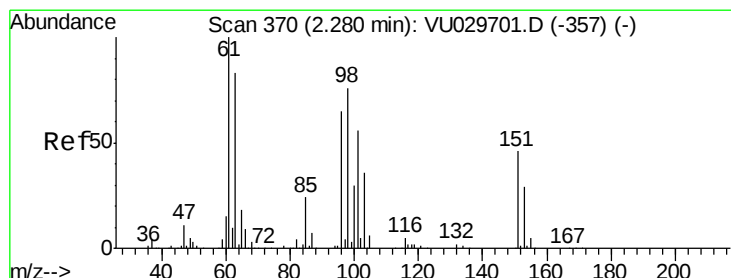
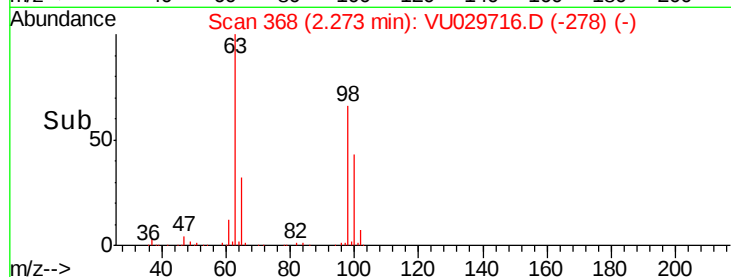
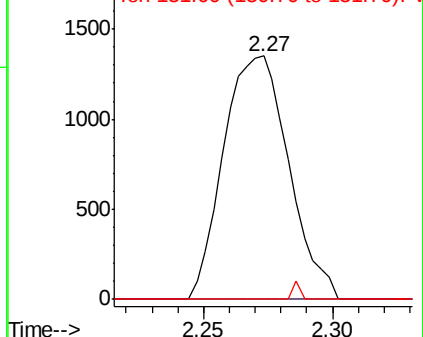
Tgt Ion:	101	Resp:	2380
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#



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: 0.653 ug/L

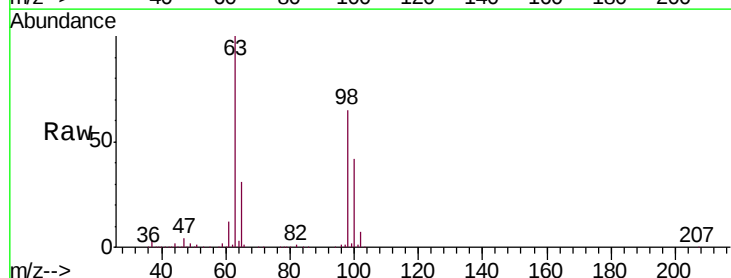
RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU029716.D

Acq: 27 Feb 2019 19:59

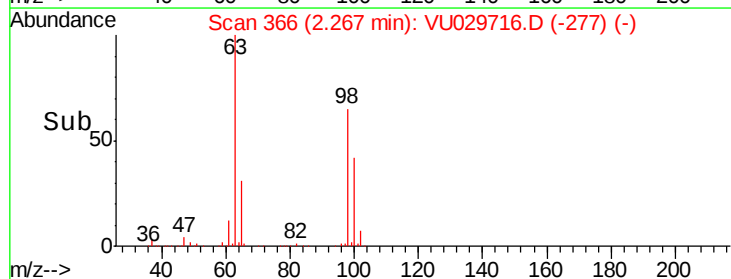
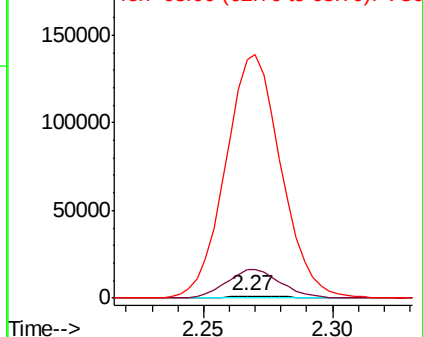
Tgt Ion:	96	Resp:	1901
Ion	Ratio	Lower	Upper
96	100		
61	1337.4	114.0	211.8#
63	11380.8	98.7	183.3#

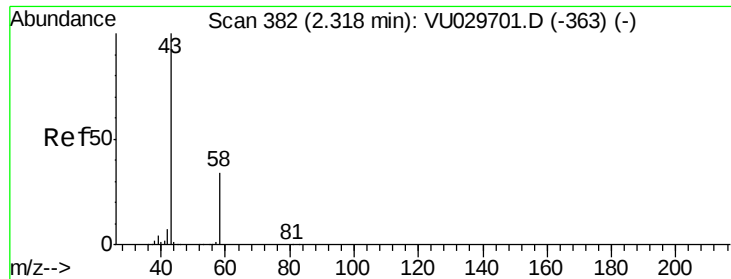


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.252 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029716.D

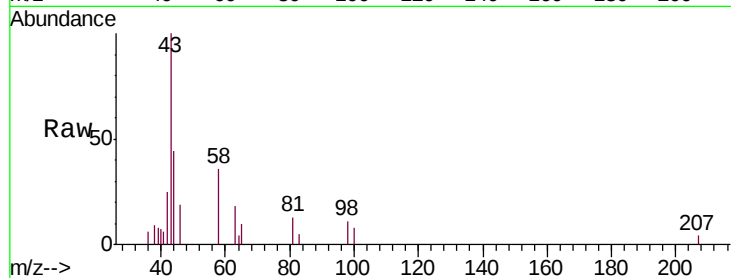
Acq: 27 Feb 2019 19:59

Tgt Ion: 43 Resp: 4718

Ion Ratio Lower Upper

43 100

58 29.8 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

2500

2000

1500

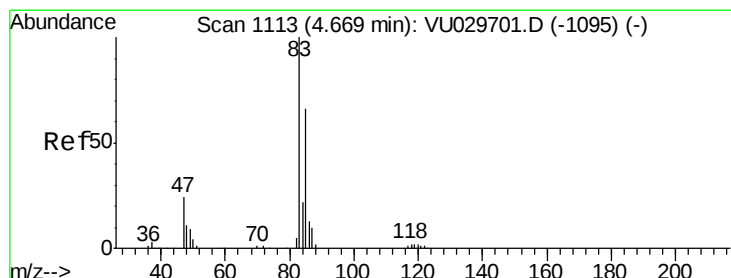
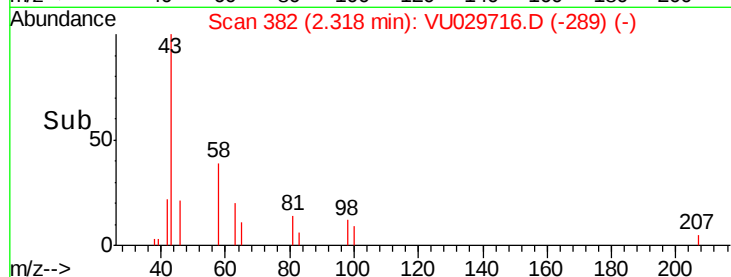
1000

500

0

2.30 2.35

Time-->



#25

Chloroform

Concen: 1.046 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VU029716.D

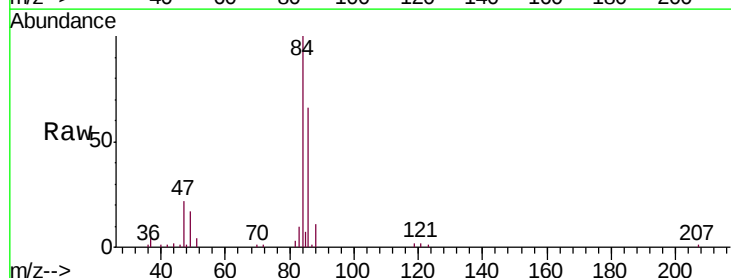
Acq: 27 Feb 2019 19:59

Tgt Ion: 83 Resp: 5425

Ion Ratio Lower Upper

83 100

85 72.4 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.68

2000

1500

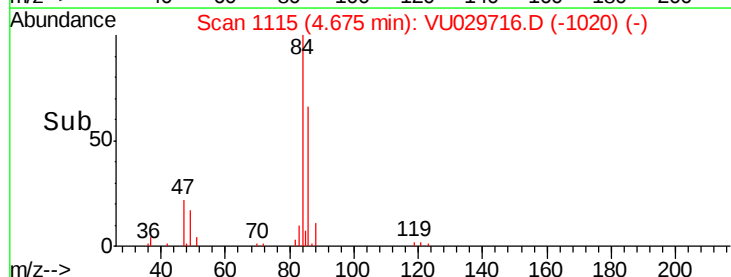
1000

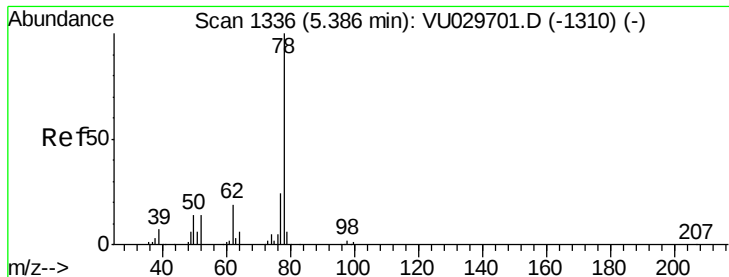
500

0

4.60 4.65 4.70

Time-->





#33

Benzene

Concen: 0.439 ug/L

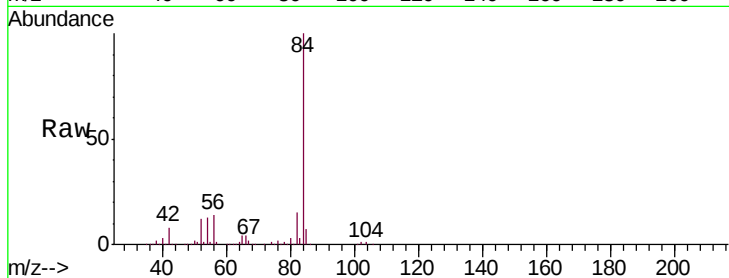
RT: 5.34 min Scan# 1321

Delta R.T. -0.05 min

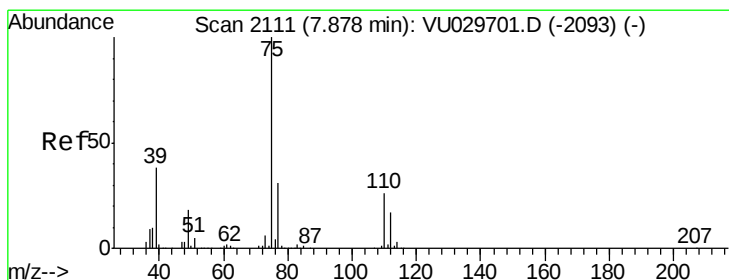
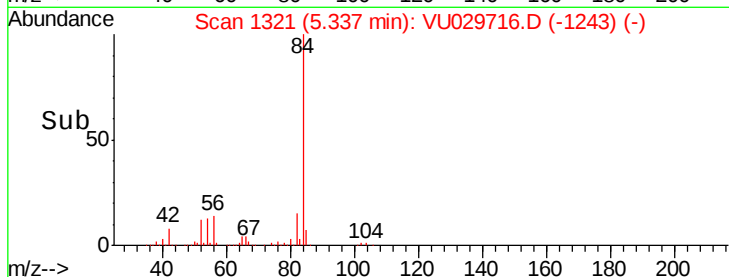
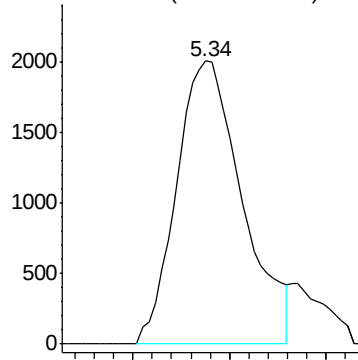
Lab File: VU029716.D

Acq: 27 Feb 2019 19:59

Tgt Ion: 78 Resp: 4750



Abundance Ion 78.00 (77.70 to 78.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.801 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029716.D

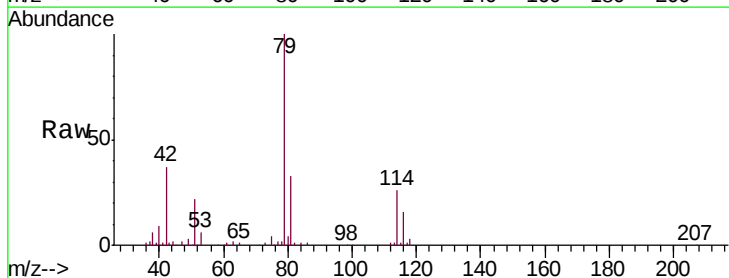
Acq: 27 Feb 2019 19:59

Tgt Ion: 75 Resp: 3457

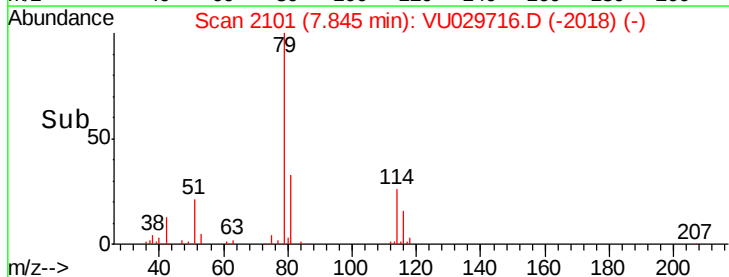
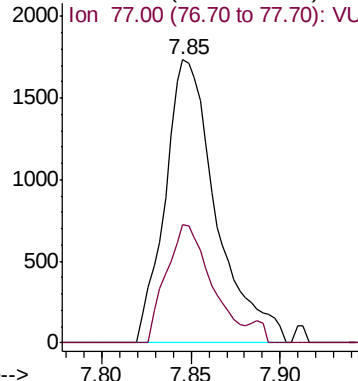
Ion Ratio Lower Upper

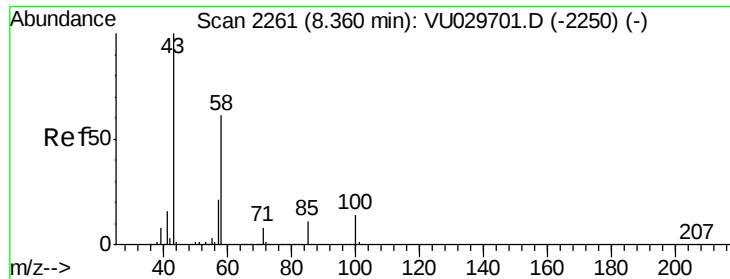
75 100

77 41.6 22.1 41.1#



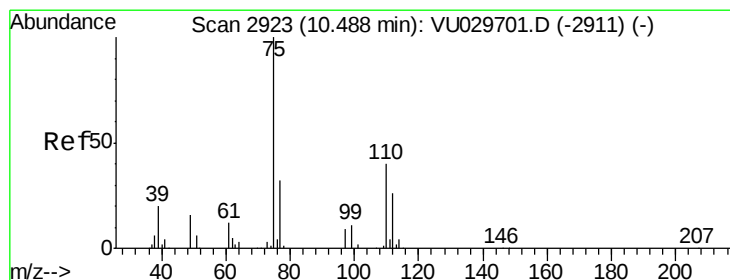
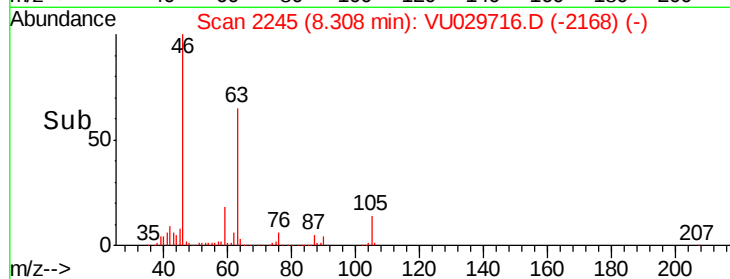
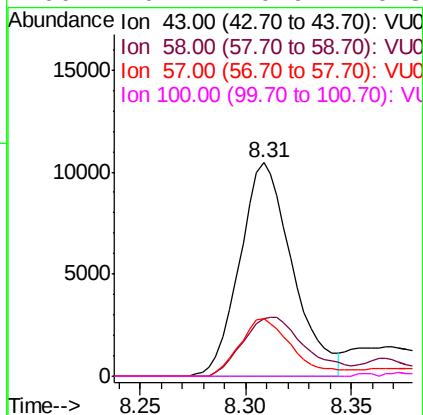
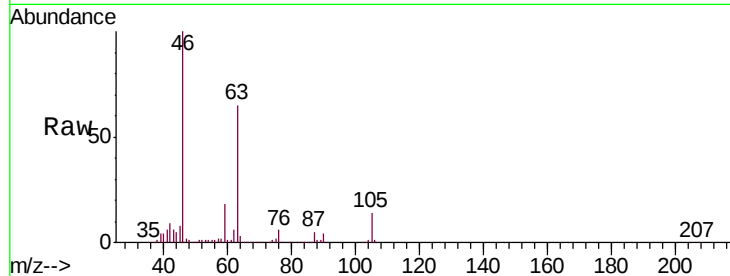
Abundance Ion 75.00 (74.70 to 75.70): VU0





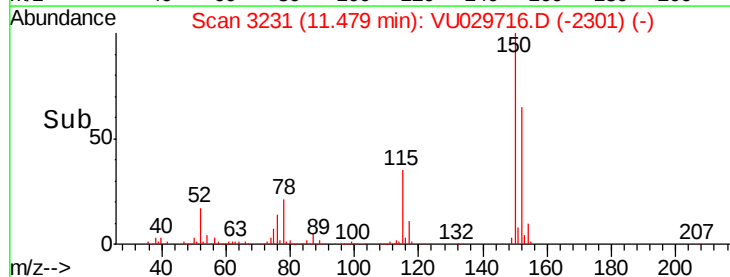
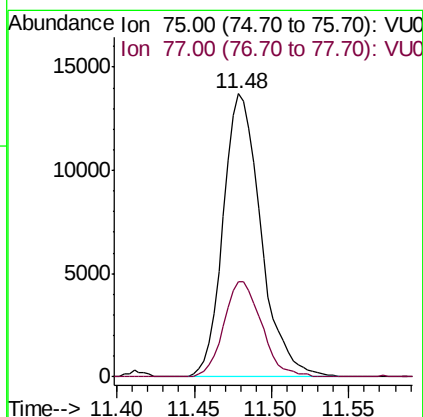
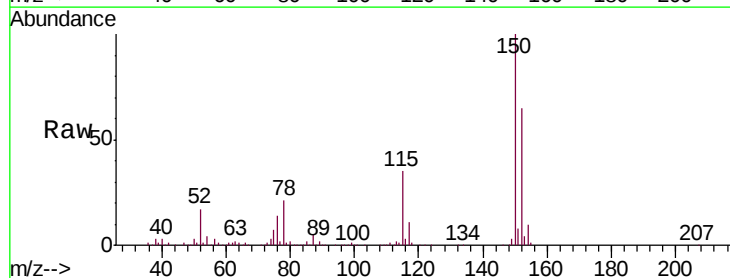
#48
 2-Hexanone
 Concen: 5.217 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029716.D
 Acq: 27 Feb 2019 19:59

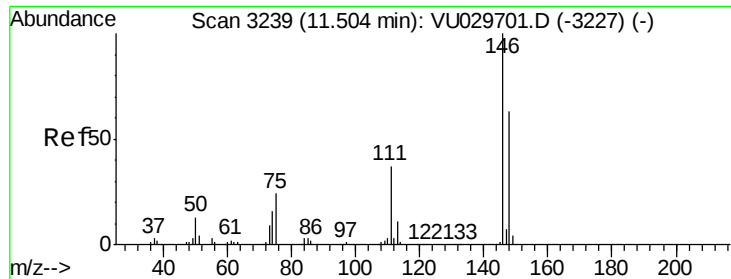
Tgt Ion:	43	Resp:	18188
Ion	Ratio	Lower	Upper
43	100		
58	33.3	46.4	69.6#
57	26.9	15.7	23.5#
100	0.4	10.9	16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.731 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029716.D
 Acq: 27 Feb 2019 19:59

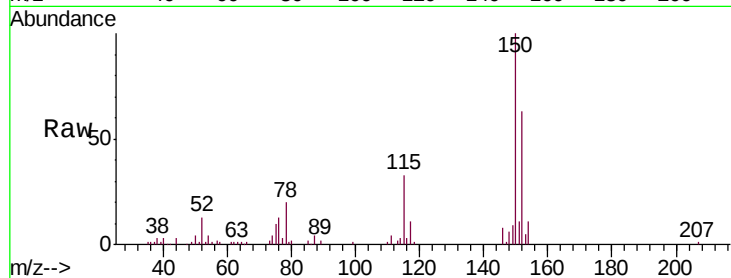
Tgt Ion:	75	Resp:	23192
Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.7	38.5





#63
 1,4-Dichlorobenzene
 Concen: 0.494 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029716.D
 Acq: 27 Feb 2019 19:59

Tgt Ion:	146	Resp:	3257
Ion	Ratio	Lower	Upper
146	100		
111	41.8	25.1	46.5
148	72.4	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

