

Data File : VU029681.D
Acq On : 26 Feb 2019 15:02
Operator : JC/SP
Sample : K1621-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 27 01:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	469497	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442514	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142839	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.04%
7) Chloroethane-d5	1.68	69	130491	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.34%
11) 1,1-Dichloroethene-d2	2.27	63	213303	31.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%
21) 2-Butanone-d5	4.17	46	205099	97.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	4.64	84	263933	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.31	65	175939	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.34	84	595872	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.02%
36) 1,2-Dichloropropane-d6	6.33	67	182391	54.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.88%
41) Toluene-d8	7.56	98	557289	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%
43) trans-1,3-Dichloropropene-	7.85	79	85151	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.84%
47) 2-Hexanone-d5	8.31	63	161297	86.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269143	47.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	229895	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%

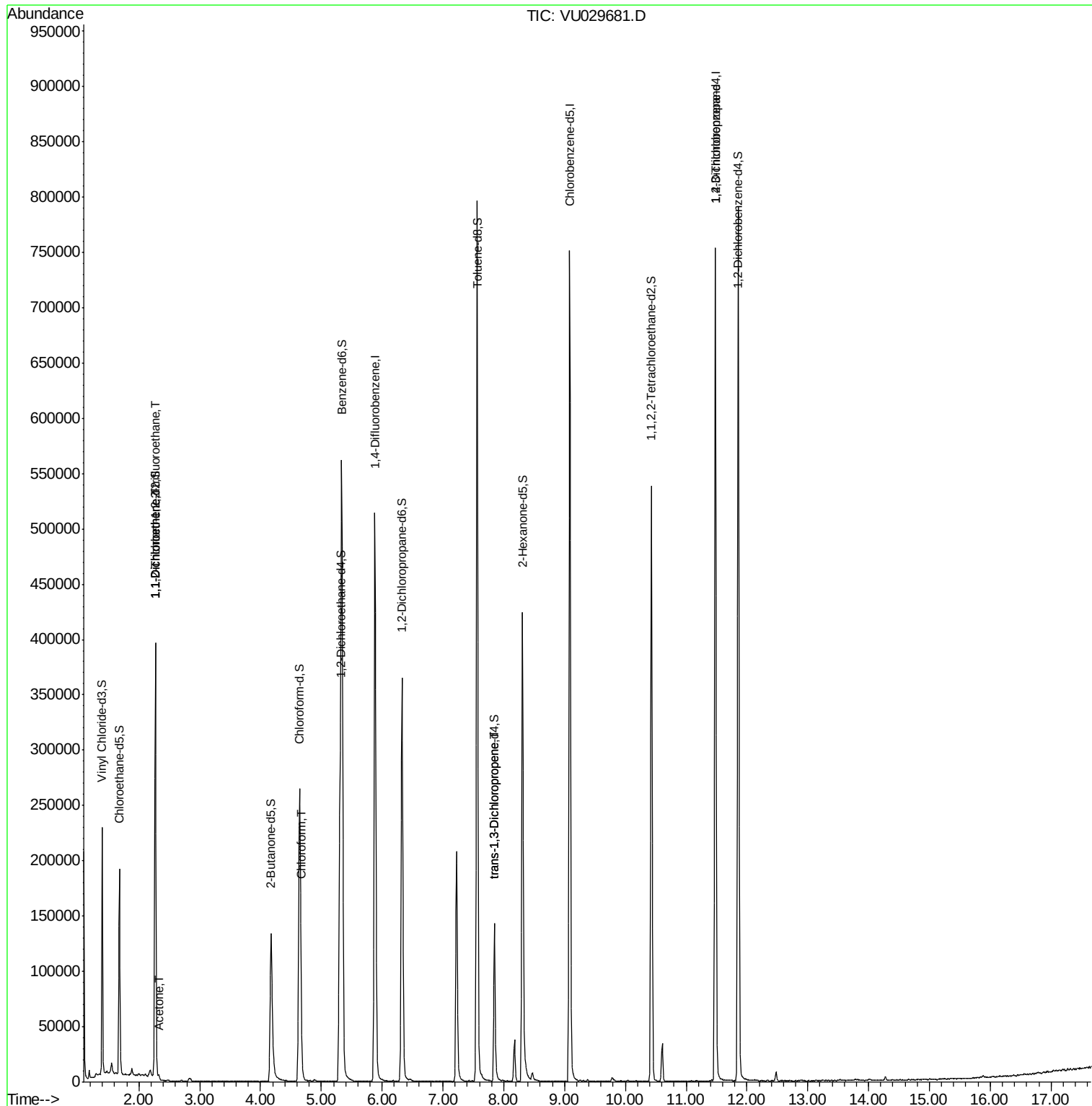
Target Compounds

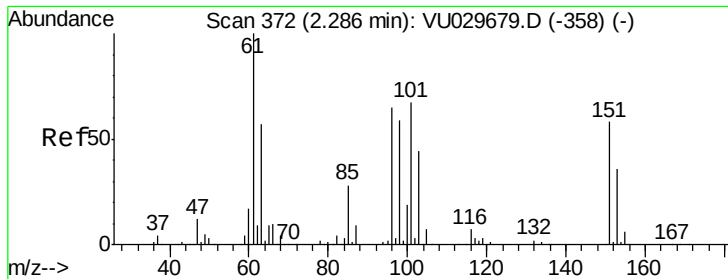
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2204	0.674 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1922	0.618 ug/L #	1
13) Acetone	2.32	43	2161	0.966 ug/L	69
25) Chloroform	4.67	83	14984	2.707 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	3452	0.762 ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	22362	5.266 ug/L	95

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

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#10

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

Concen: 0.674 ug/L

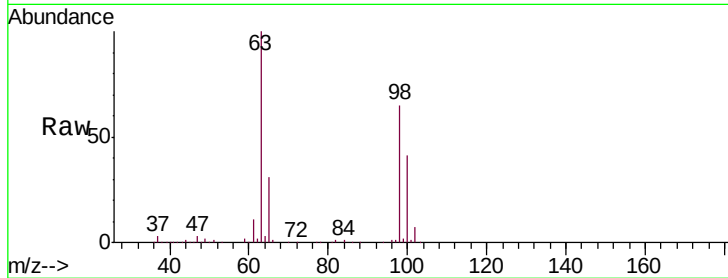
RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

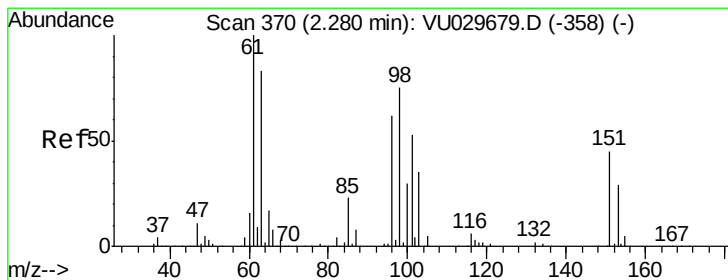
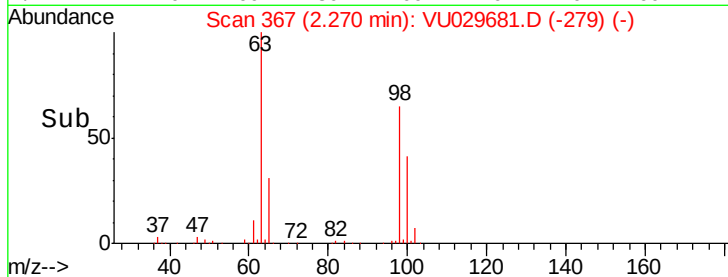
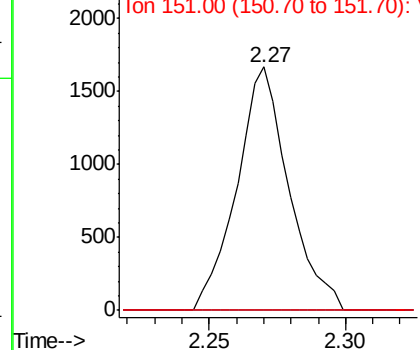
Lab File: VU029681.D

Acq: 26 Feb 2019 15:02

Tgt Ion:	101	Resp:	2204
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: 0.618 ug/L

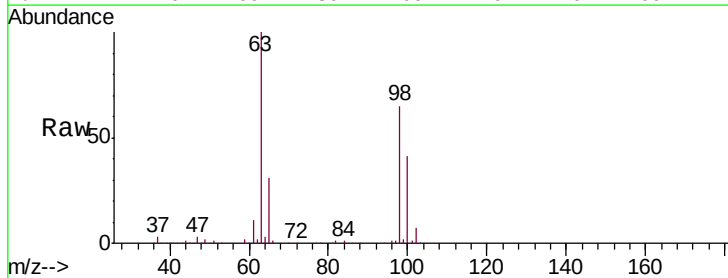
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

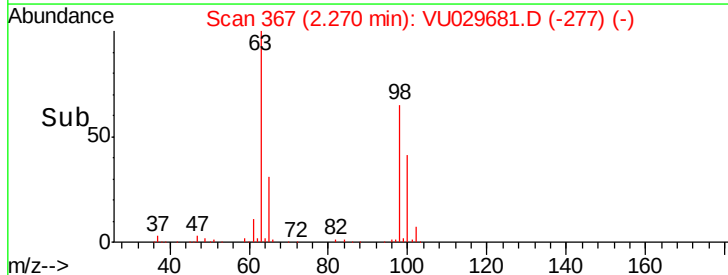
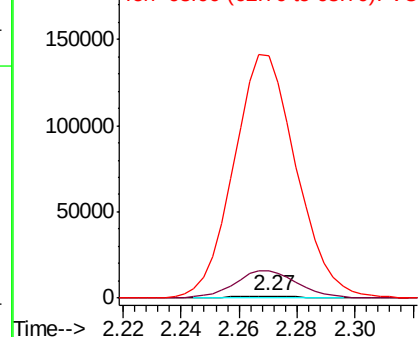
Lab File: VU029681.D

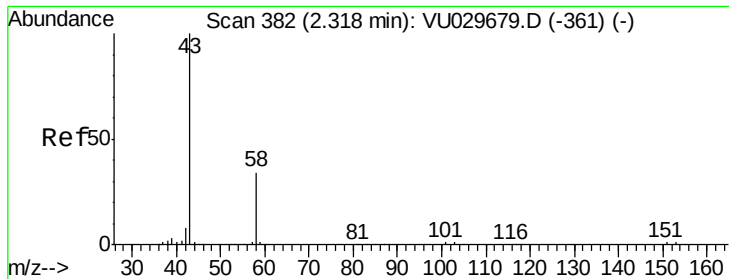
Acq: 26 Feb 2019 15:02

Tgt Ion:	96	Resp:	1922
Ion	Ratio	Lower	Upper
96	100		
61	1233.6	114.0	211.8#
63	10880.0	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





#13

Acetone

Concen: 0.966 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU029681.D

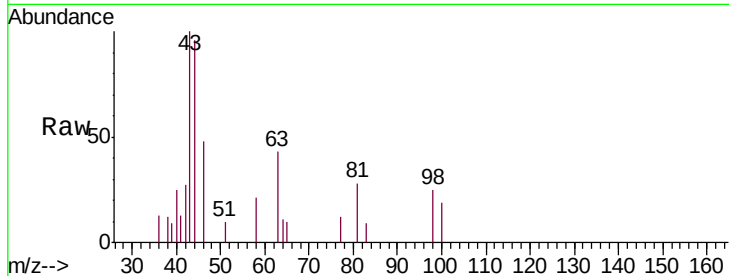
Acq: 26 Feb 2019 15:02

Tgt Ion: 43 Resp: 2161

Ion Ratio Lower Upper

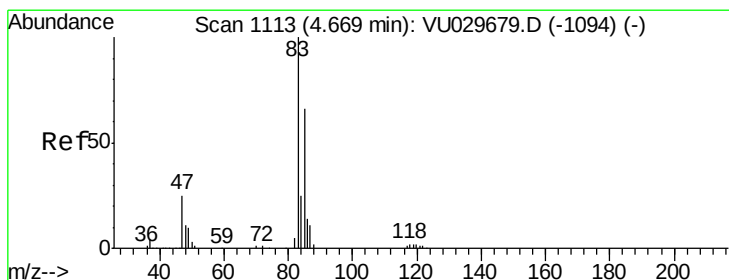
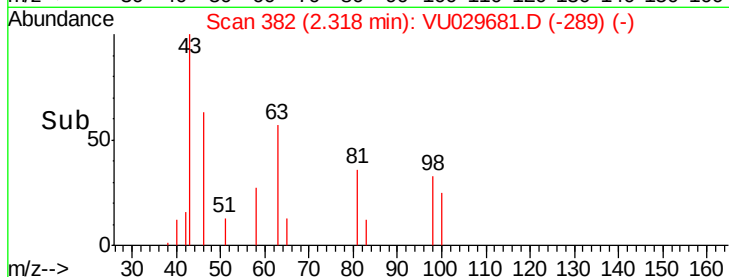
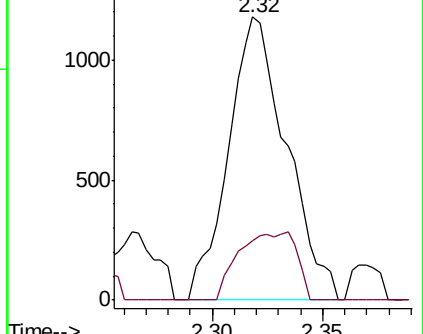
43 100

58 15.6 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 2.707 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029681.D

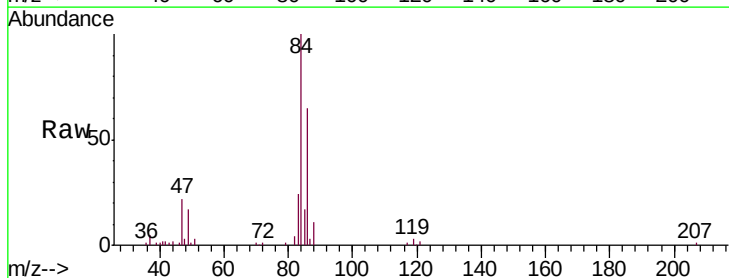
Acq: 26 Feb 2019 15:02

Tgt Ion: 83 Resp: 14984

Ion Ratio Lower Upper

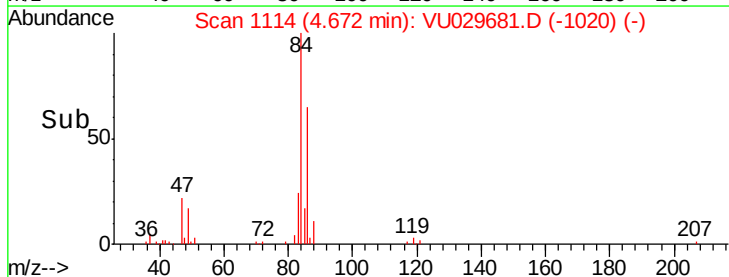
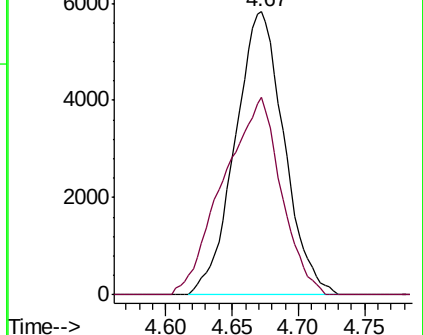
83 100

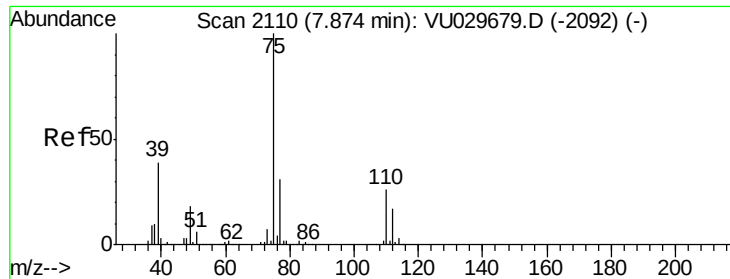
85 69.9 45.4 84.2



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: 0.762 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029681.D

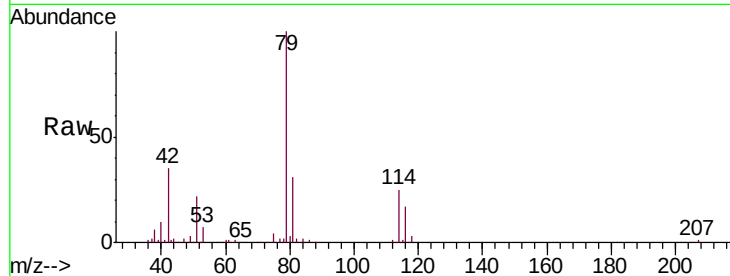
Acq: 26 Feb 2019 15:02

Tgt Ion: 75 Resp: 3452

Ion Ratio Lower Upper

75 100

77 39.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.85

2000

1500

1000

500

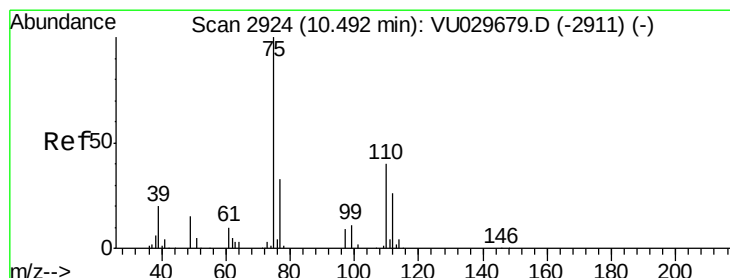
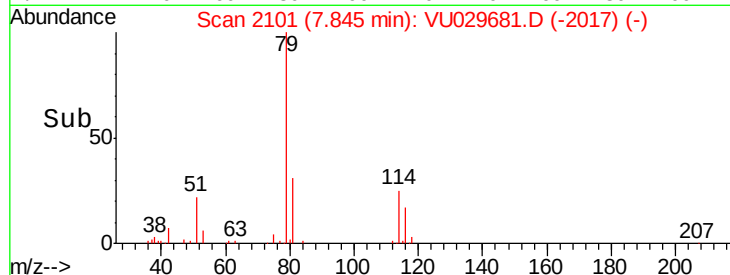
0

7.80

7.85

7.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.266 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029681.D

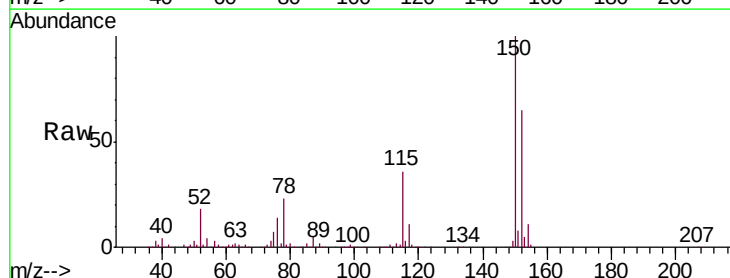
Acq: 26 Feb 2019 15:02

Tgt Ion: 75 Resp: 22362

Ion Ratio Lower Upper

75 100

77 34.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

15000

10000

5000

0

11.45

11.50

11.55

Time-->

