

Data File : VU029682.D
Acq On : 26 Feb 2019 15:23
Operator : JC/SP
Sample : K1625-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 27 01:56:10 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	470242	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223815	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148029	42.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.92%
7) Chloroethane-d5	1.68	69	132762	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.68%
11) 1,1-Dichloroethene-d2	2.27	63	228096	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.18	46	220800	105.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.30%
24) Chloroform-d	4.65	84	286083	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
26) 1,2-Dichloroethane-d4	5.31	65	182794	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
32) Benzene-d6	5.34	84	615816	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.04%
36) 1,2-Dichloropropane-d6	6.33	67	191482	55.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.66%
41) Toluene-d8	7.56	98	579176	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%
43) trans-1,3-Dichloropropene-	7.85	79	85358	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.84%
47) 2-Hexanone-d5	8.31	63	173488	90.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284261	49.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	242352	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%

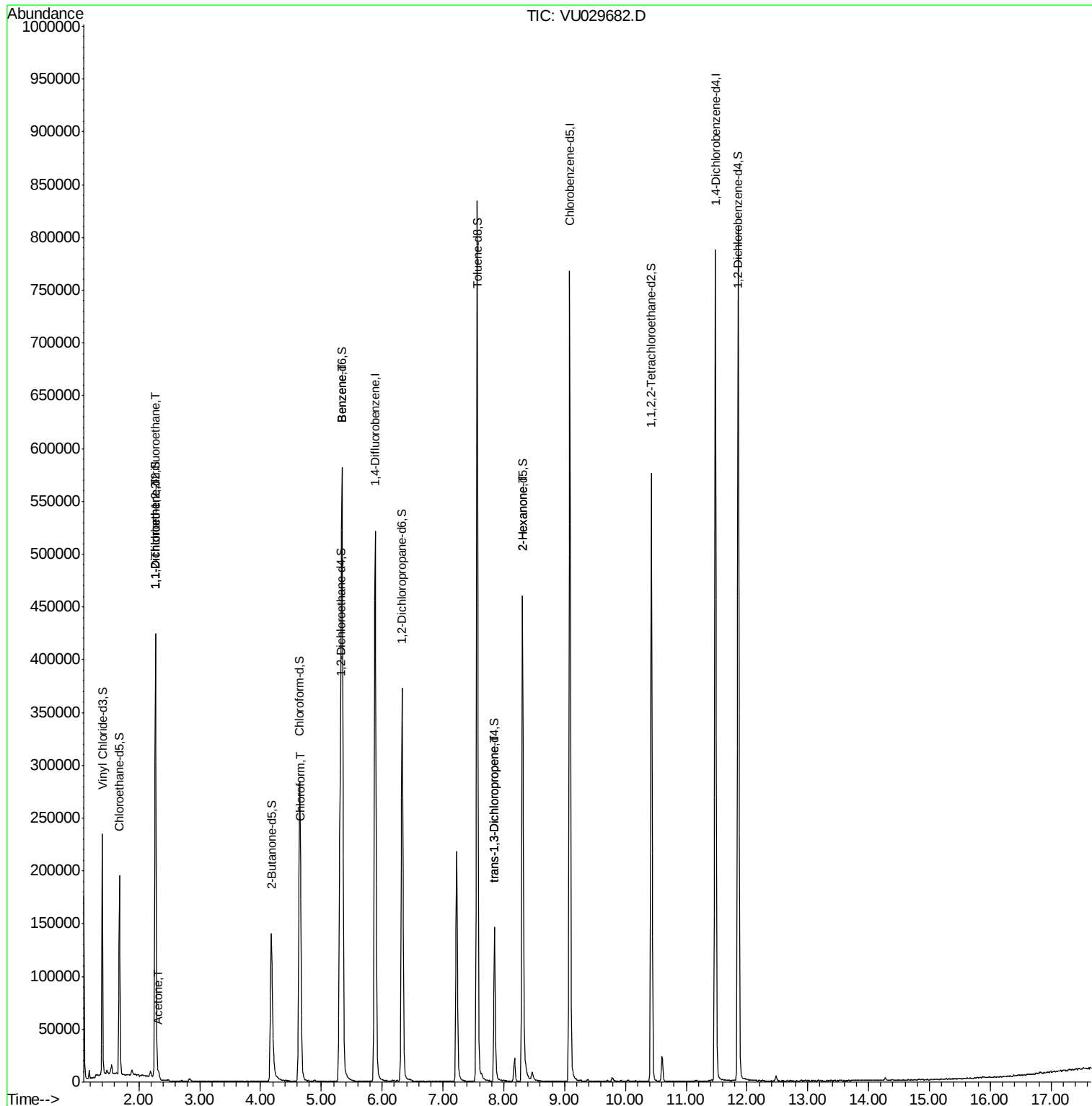
Target Compounds

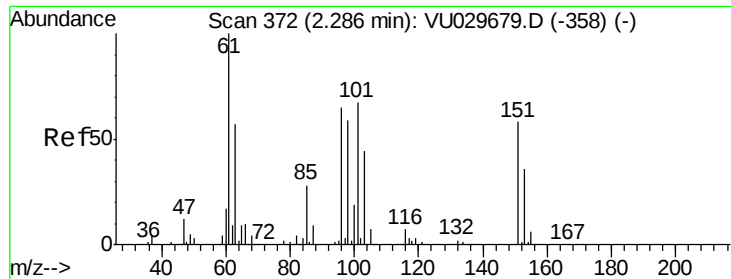
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2445	0.746	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2139	0.687	ug/L #	1
13) Acetone	2.32	43	4193	1.871	ug/L	99
25) Chloroform	4.67	83	4489	0.810	ug/L #	64
33) Benzene	5.34	78	4900	0.422	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3500	0.755	ug/L	95
48) 2-Hexanone	8.31	43	17390	4.643	ug/L #	69

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

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#10

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

Concen: 0.746 ug/L

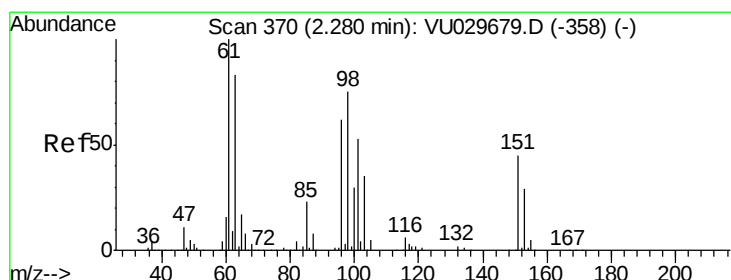
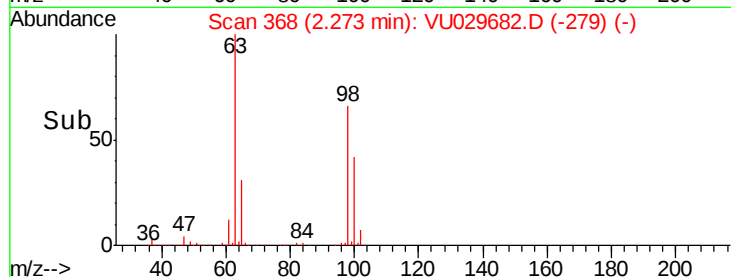
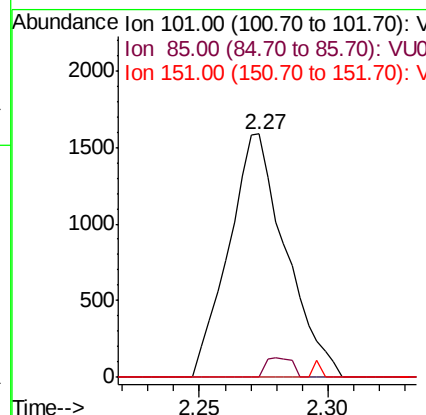
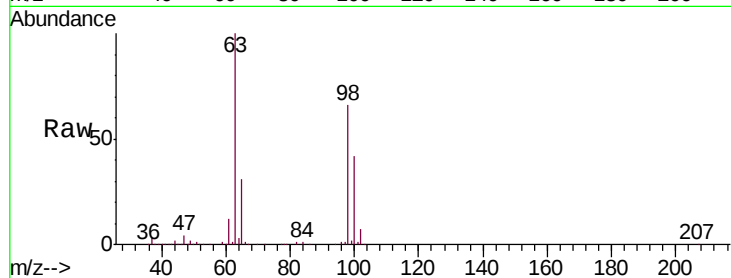
RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029682.D

Acq: 26 Feb 2019 15:23

Tgt Ion:	101	Resp:	2445
Ion	Ratio	Lower	Upper
101	100		
85	3.7	33.0	49.6#
151	0.0	65.7	98.5#



#12

1,1-Dichloroethene

Concen: 0.687 ug/L

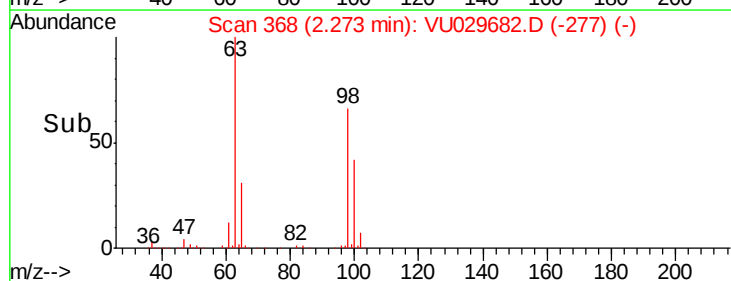
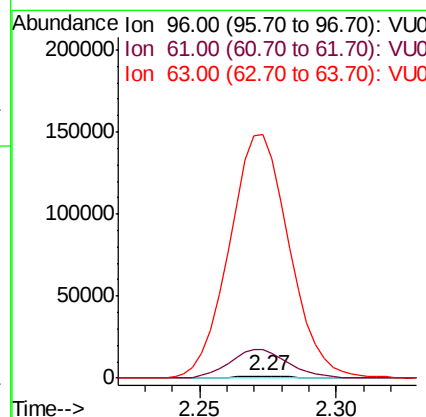
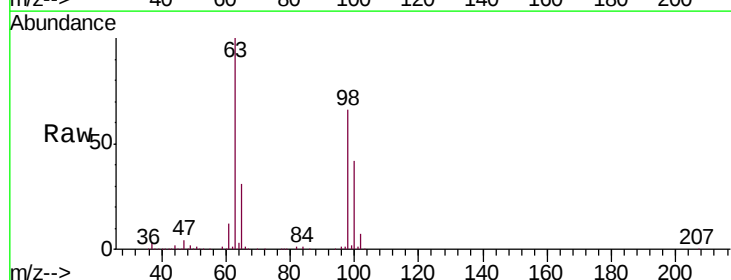
RT: 2.27 min Scan# 368

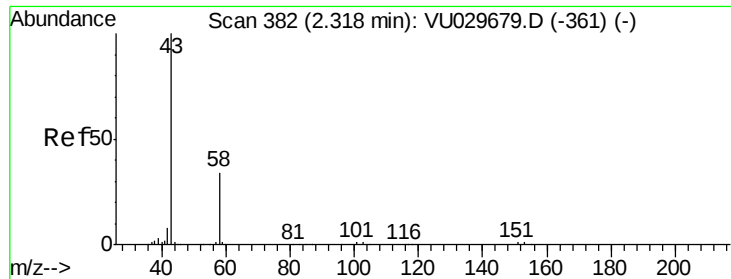
Delta R.T. -0.01 min

Lab File: VU029682.D

Acq: 26 Feb 2019 15:23

Tgt Ion:	96	Resp:	2139
Ion	Ratio	Lower	Upper
96	100		
61	1198.9	114.0	211.8#
63	10407.9	98.7	183.3#





#13

Acetone

Concen: 1.871 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029682.D

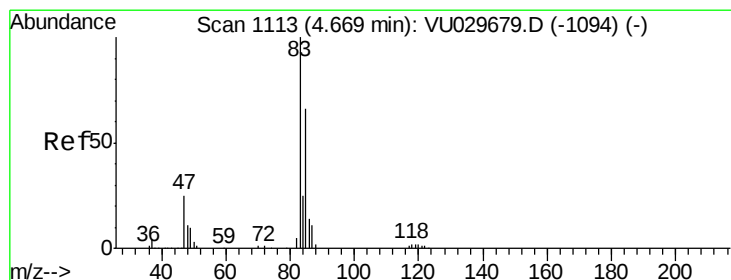
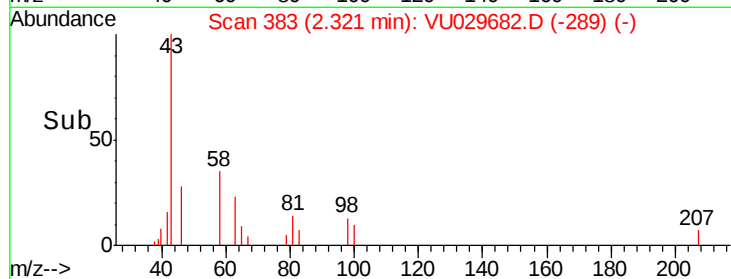
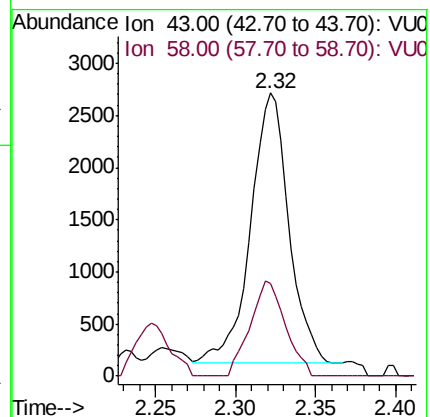
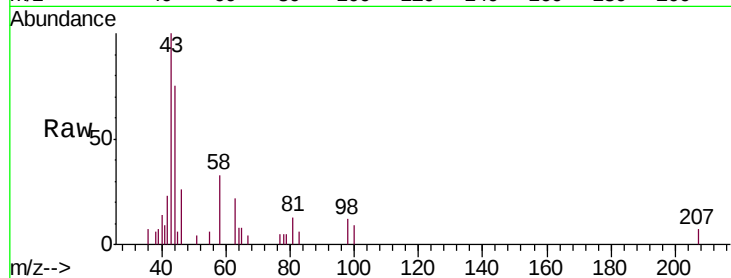
Acq: 26 Feb 2019 15:23

Tgt Ion: 43 Resp: 4193

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.8



#25

Chloroform

Concen: 0.810 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029682.D

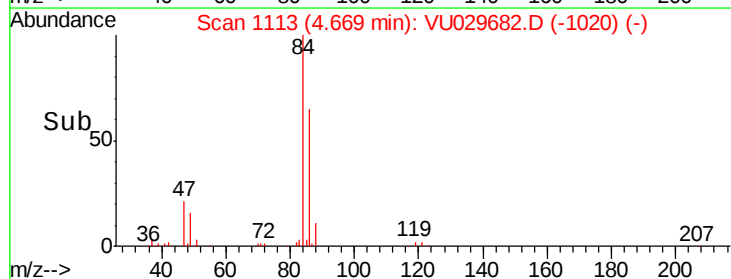
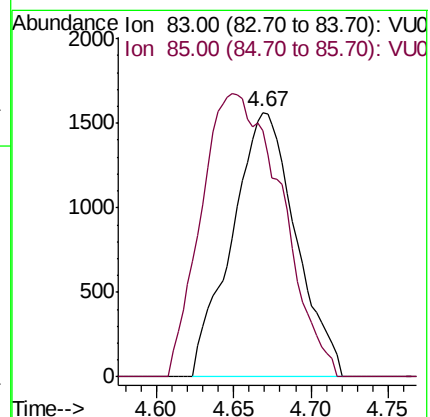
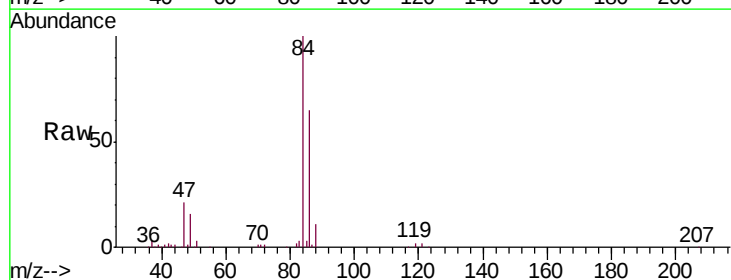
Acq: 26 Feb 2019 15:23

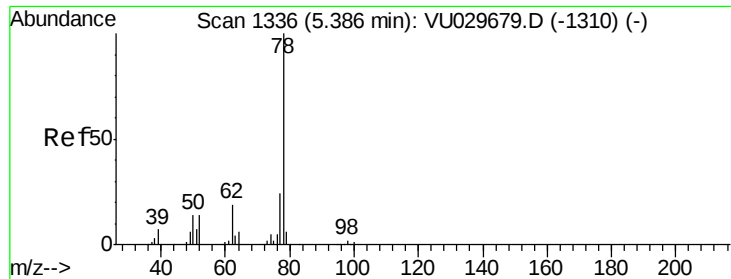
Tgt Ion: 83 Resp: 4489

Ion Ratio Lower Upper

83 100

85 93.1 45.4 84.2#





#33

Benzene

Concen: 0.422 ug/L

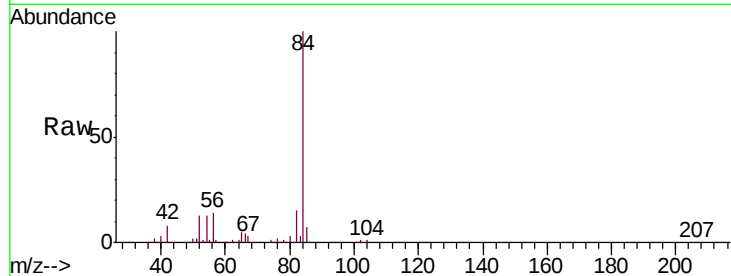
RT: 5.34 min Scan# 1321

Delta R.T. -0.05 min

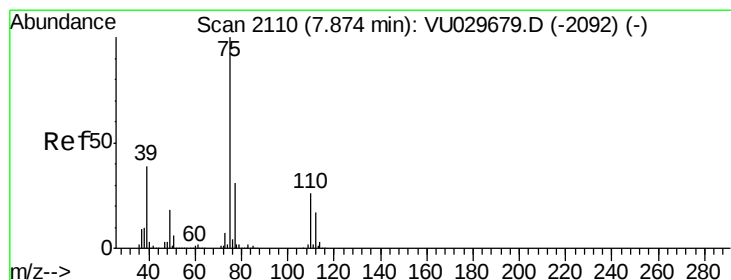
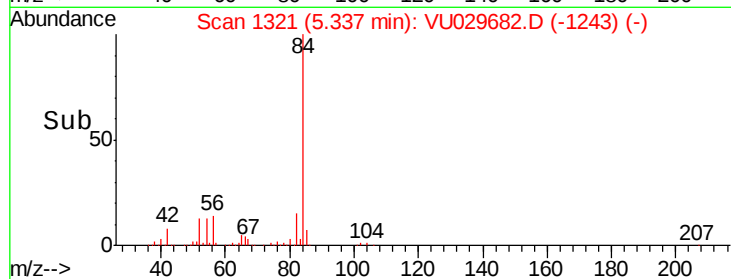
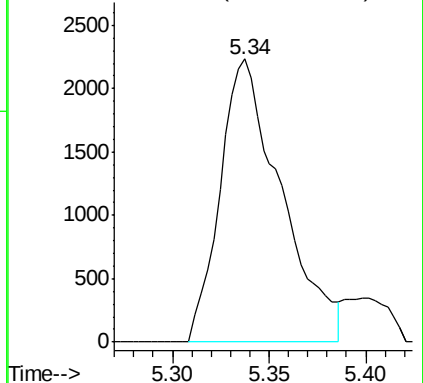
Lab File: VU029682.D

Acq: 26 Feb 2019 15:23

Tgt Ion: 78 Resp: 4900



Abundance Ion 78.00 (77.70 to 78.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.755 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029682.D

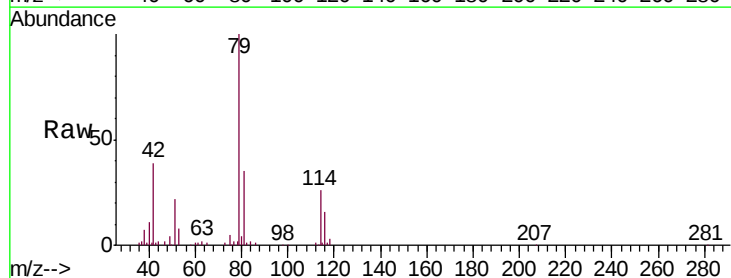
Acq: 26 Feb 2019 15:23

Tgt Ion: 75 Resp: 3500

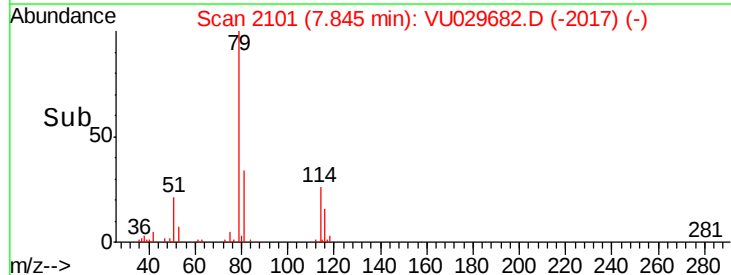
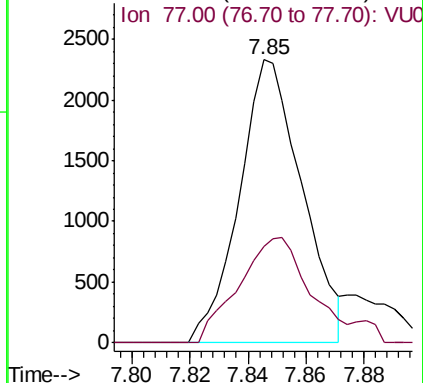
Ion Ratio Lower Upper

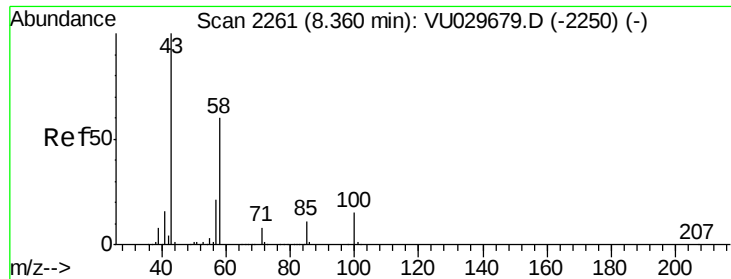
75 100

77 34.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0





#48

2-Hexanone

Concen: 4.643 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029682.D

Acq: 26 Feb 2019 15:23

Tgt Ion: 43 Resp: 17390

Ion Ratio Lower Upper

43 100

58 32.1 46.4 69.6#

57 28.1 15.7 23.5#

100 0.0 10.9 16.3#

