

Data File : VU029686.D
Acq On : 26 Feb 2019 16:56
Operator : JC/SP
Sample : K1621-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 27 01:56:40 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	463328	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214860	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145504	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.72%
7) Chloroethane-d5	1.68	69	132369	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.72%
11) 1,1-Dichloroethene-d2	2.27	63	211529	31.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.74%
21) 2-Butanone-d5	4.17	46	214852	103.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.99%
24) Chloroform-d	4.64	84	280149	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.31	65	179385	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.34	84	612501	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.33	67	188966	55.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.78%
41) Toluene-d8	7.56	98	567796	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%
43) trans-1,3-Dichloropropene-	7.85	79	85684	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
47) 2-Hexanone-d5	8.31	63	170239	90.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283462	49.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	239238	51.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.34%

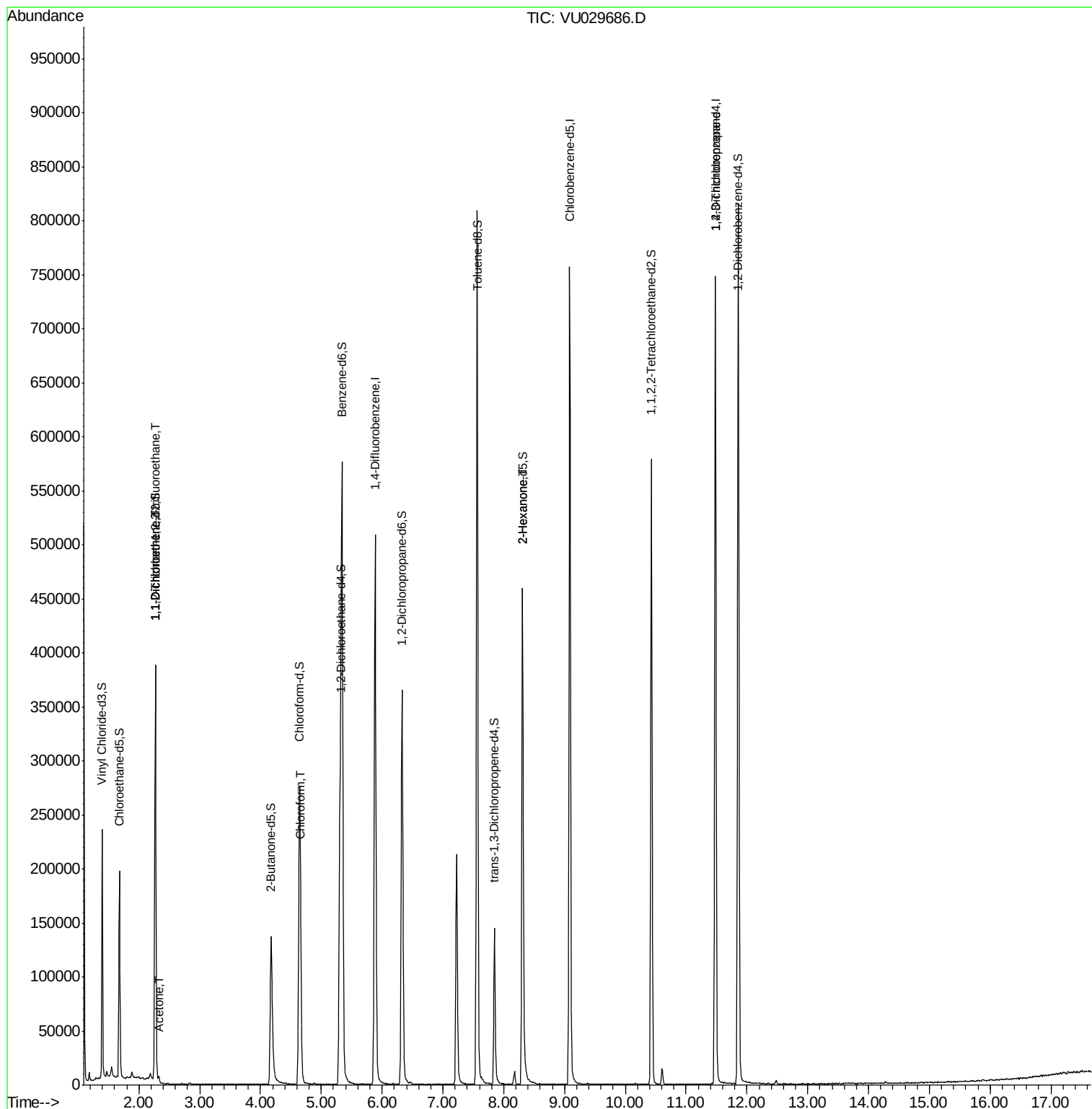
Target Compounds

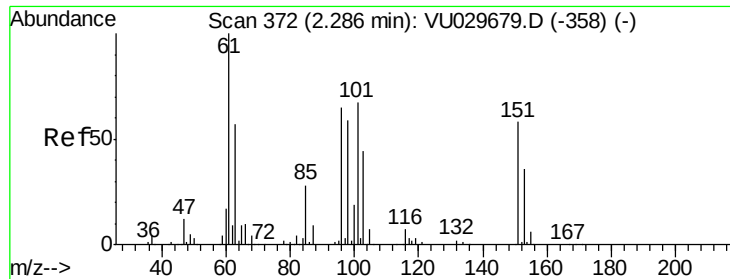
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2176	0.674	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2001	0.652	ug/L #	1
13) Acetone	2.32	43	3993	1.809	ug/L	96
25) Chloroform	4.67	83	8273	1.514	ug/L	97
48) 2-Hexanone	8.31	43	18255	4.944	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	21807	5.088	ug/L	89

(#) = 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

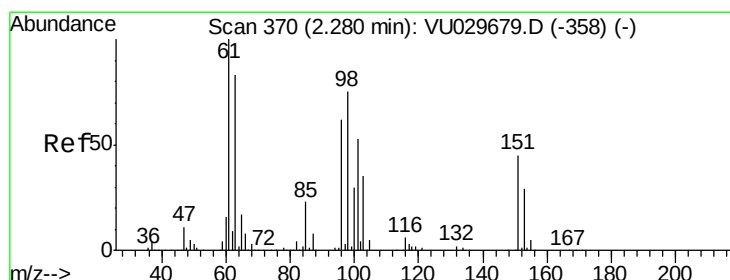
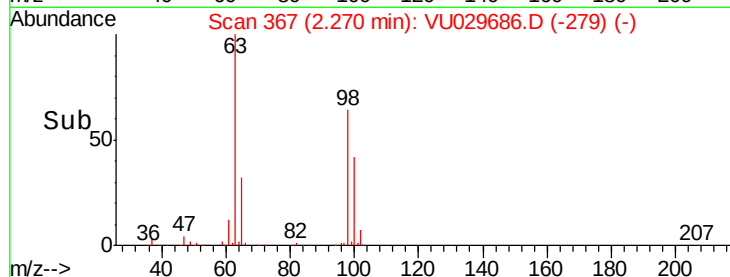
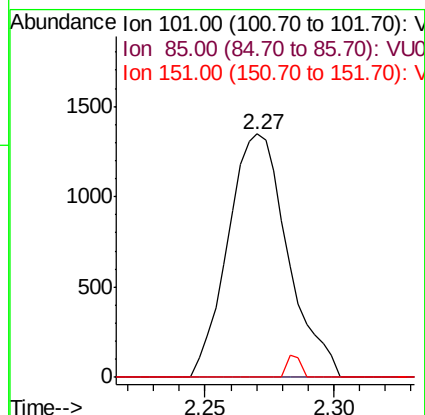
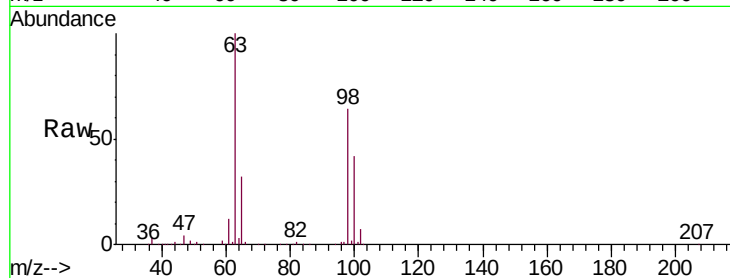
RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029686.D

Acq: 26 Feb 2019 16:56

Tgt Ion:	101	Resp:	2176
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	2.1	65.7	98.5#



#12

1,1-Dichloroethene

Concen: 0.652 ug/L

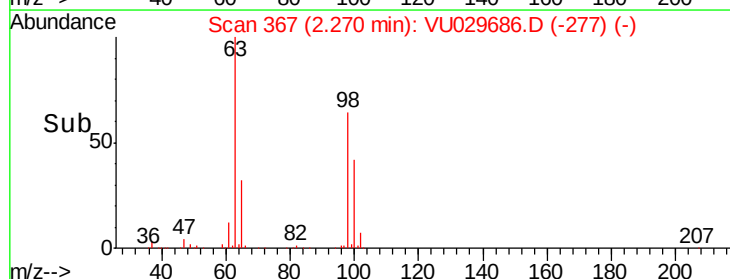
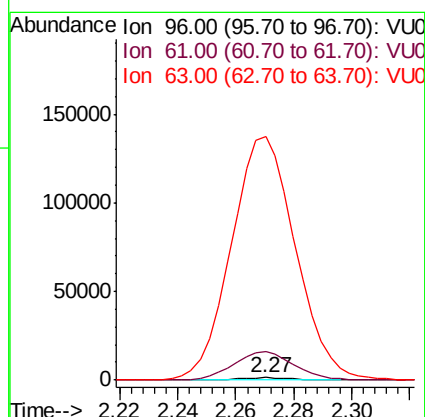
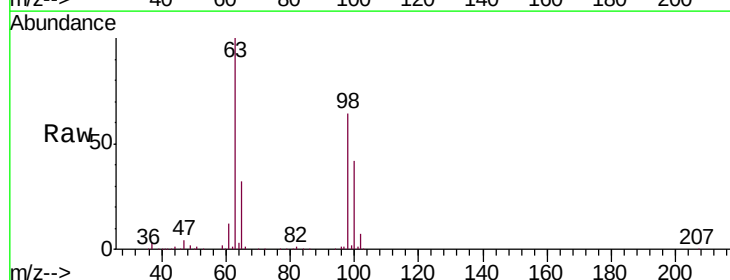
RT: 2.27 min Scan# 367

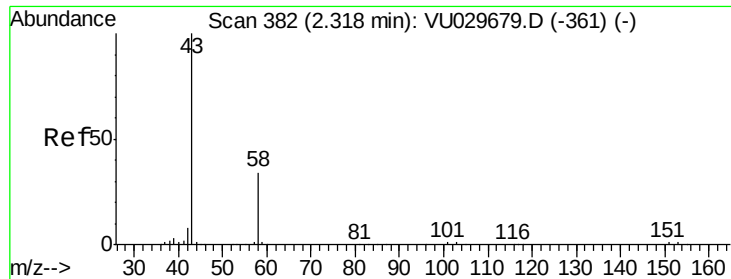
Delta R.T. -0.01 min

Lab File: VU029686.D

Acq: 26 Feb 2019 16:56

Tgt Ion:	96	Resp:	2001
Ion	Ratio	Lower	Upper
96	100		
61	1190.8	114.0	211.8#
63	10350.0	98.7	183.3#





#13

Acetone

Concen: 1.809 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU029686.D

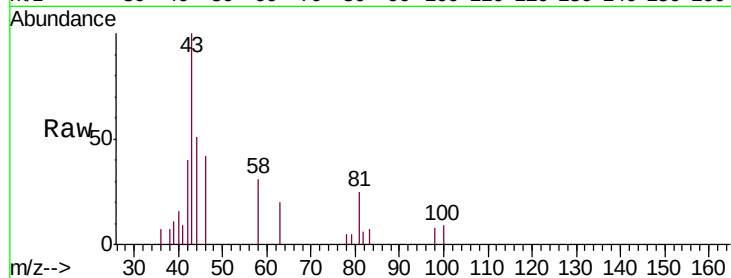
Acq: 26 Feb 2019 16:56

Tgt Ion: 43 Resp: 3993

Ion Ratio Lower Upper

43 100

58 31.0 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029679.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU029679.D (-361) (-)

2500

2000

1500

1000

500

0

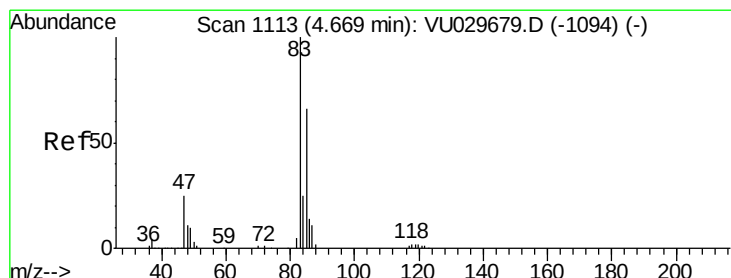
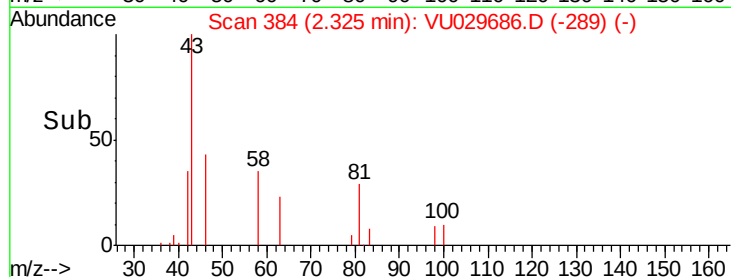
2.25

2.30

2.32

2.35

Time-->



#25

Chloroform

Concen: 1.514 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029686.D

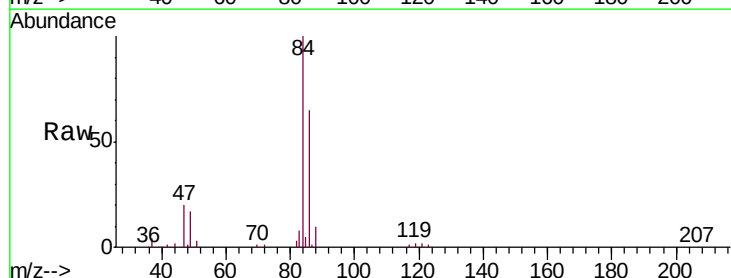
Acq: 26 Feb 2019 16:56

Tgt Ion: 83 Resp: 8273

Ion Ratio Lower Upper

83 100

85 62.2 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU029679.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU029679.D (-1094) (-)

3000

2000

1000

0

4.60

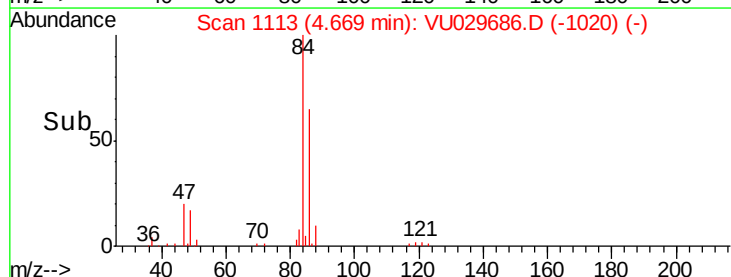
4.65

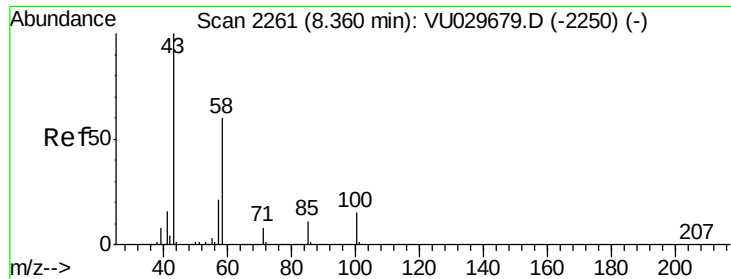
4.67

4.70

4.75

Time-->





#48

2-Hexanone

Concen: 4.944 ug/L

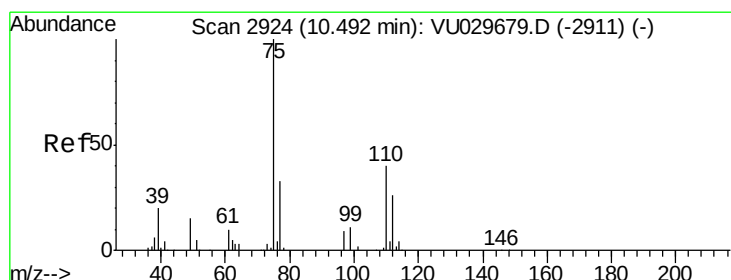
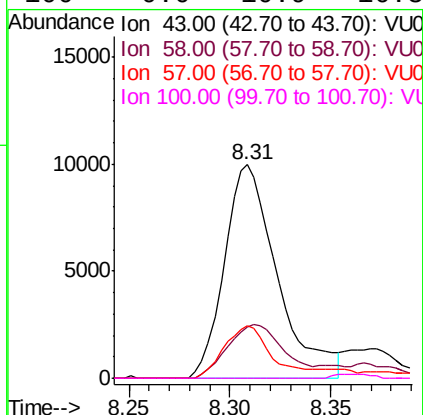
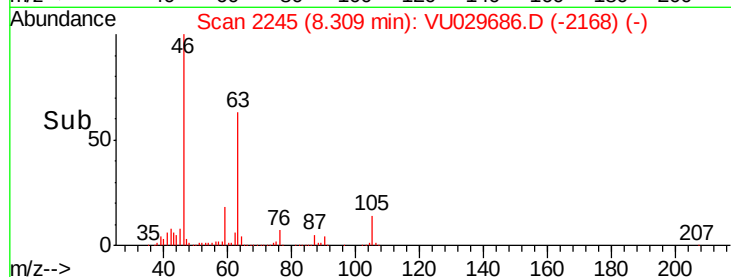
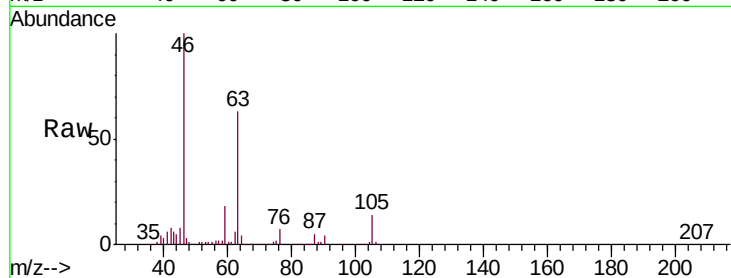
RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

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Tgt Ion:	43	Resp:	18255
Ion	Ratio	Lower	Upper
43	100		
58	26.7	46.4	69.6#
57	22.0	15.7	23.5
100	0.0	10.9	16.3#



#59

1,2,3-Trichloropropane

Concen: 5.088 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

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Tgt Ion:	75	Resp:	21807
Ion	Ratio	Lower	Upper
75	100		
77	38.1	25.7	38.5

