

Data File : VU029685.D
Acq On : 26 Feb 2019 16:33
Operator : JC/SP
Sample : K1621-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 27 01:56:32 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	442691	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	426438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141476	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.22%
7) Chloroethane-d5	1.68	69	131578	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.26%
11) 1,1-Dichloroethene-d2	2.27	63	210323	33.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.34%
21) 2-Butanone-d5	4.17	46	207829	105.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.65	84	271573	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	5.31	65	177316	53.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.46%
32) Benzene-d6	5.34	84	597034	55.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.28%
36) 1,2-Dichloropropane-d6	6.33	67	185787	57.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.10%
41) Toluene-d8	7.56	98	554719	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%
43) trans-1,3-Dichloropropene-	7.85	79	85104	49.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.40%
47) 2-Hexanone-d5	8.31	63	164128	91.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274270	50.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	232014	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%

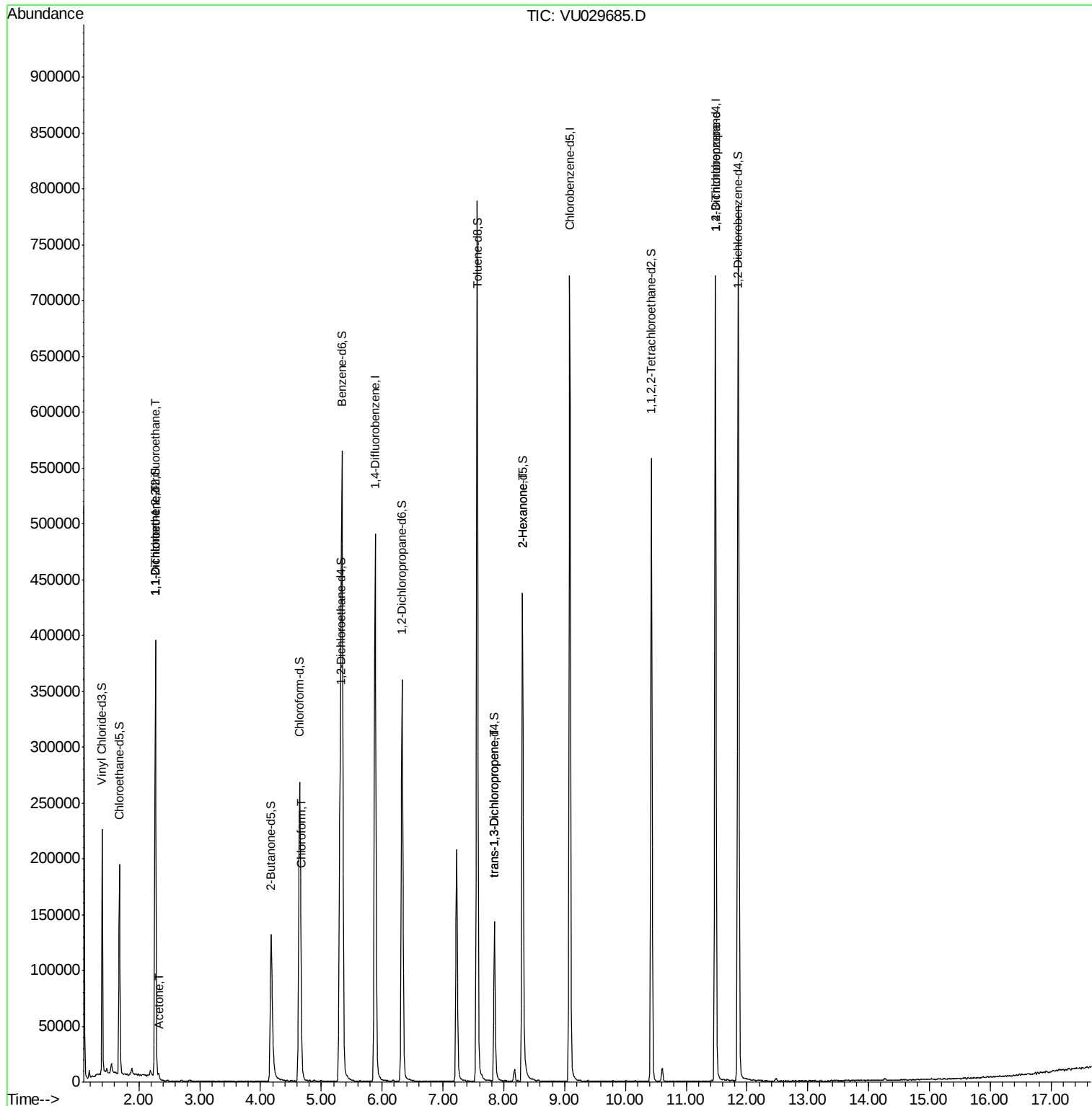
Target Compounds

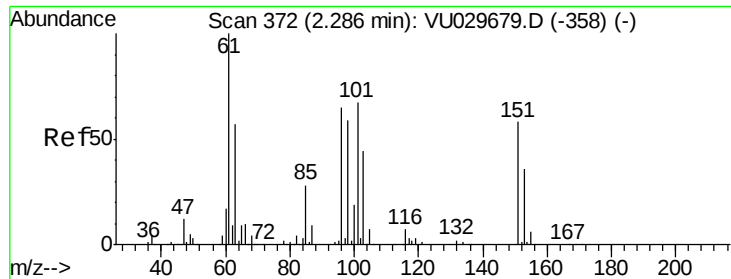
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2248	0.729 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1912	0.652 ug/L #	1
13) Acetone	2.32	43	3601	1.707 ug/L	91
25) Chloroform	4.67	83	8136	1.559 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3214	0.736 ug/L #	81
48) 2-Hexanone	8.31	43	17102	4.851 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	20535	5.018 ug/L	94

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

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#10

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

Concen: 0.729 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Acq: 26 Feb 2019 16:33

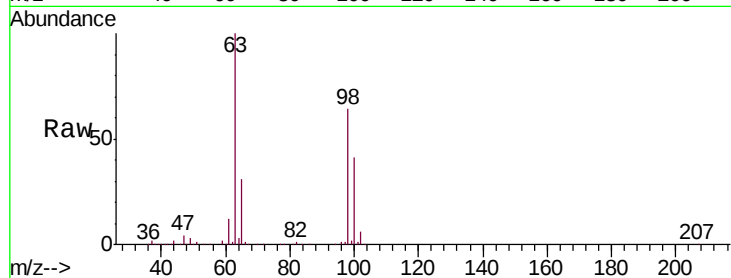
Tgt Ion: 101 Resp: 2248

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

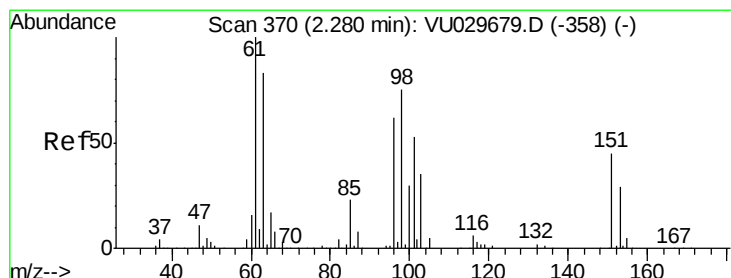
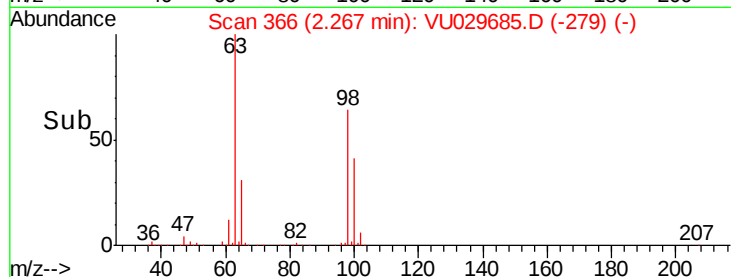
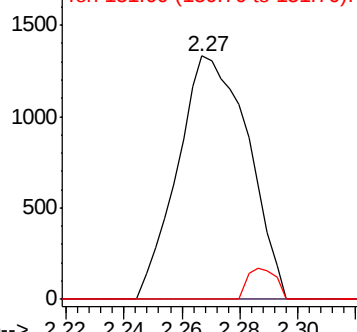
151 5.1 65.7 98.5#



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: 0.652 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029685.D

Acq: 26 Feb 2019 16:33

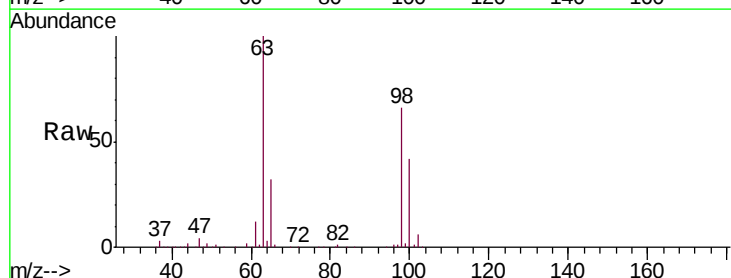
Tgt Ion: 96 Resp: 1912

Ion Ratio Lower Upper

96 100

61 1533.3 114.0 211.8#

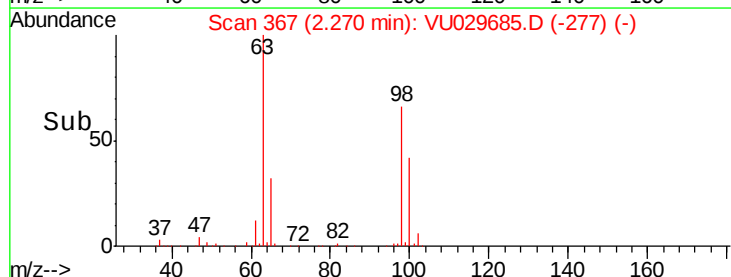
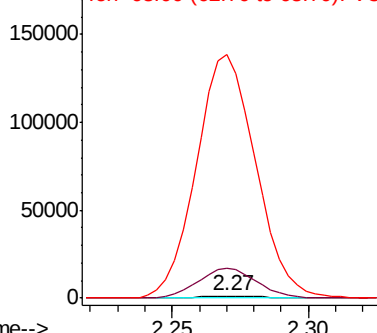
63 12562.1 98.7 183.3#

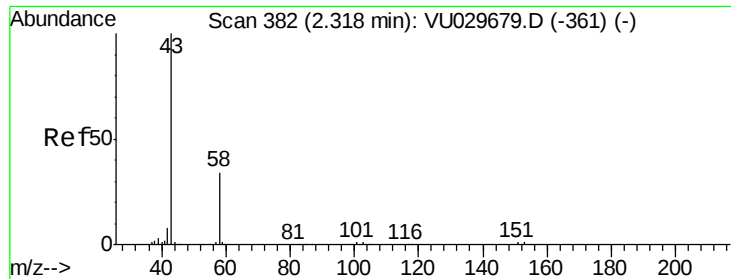


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.707 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029685.D

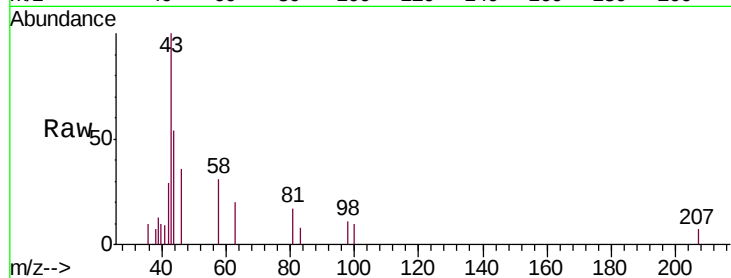
Acq: 26 Feb 2019 16:33

Tgt Ion: 43 Resp: 3601

Ion Ratio Lower Upper

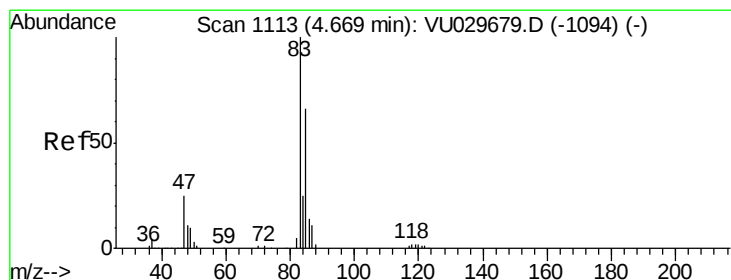
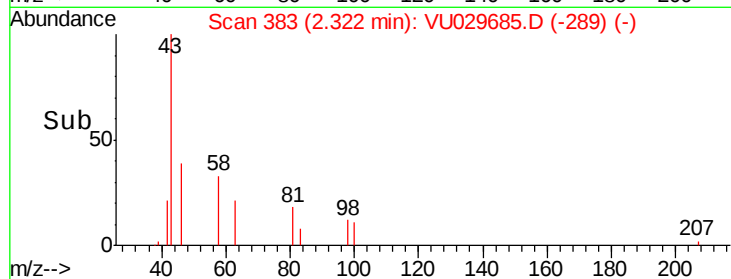
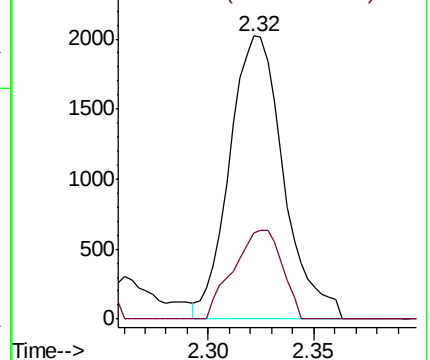
43 100

58 28.3 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: 1.559 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029685.D

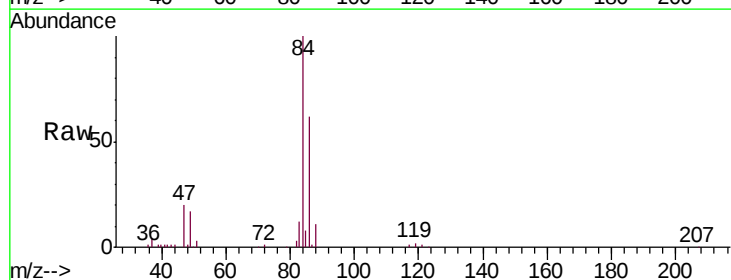
Acq: 26 Feb 2019 16:33

Tgt Ion: 83 Resp: 8136

Ion Ratio Lower Upper

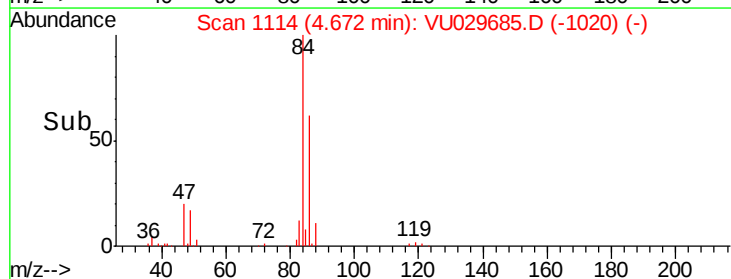
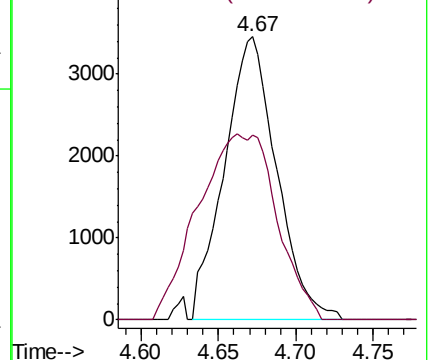
83 100

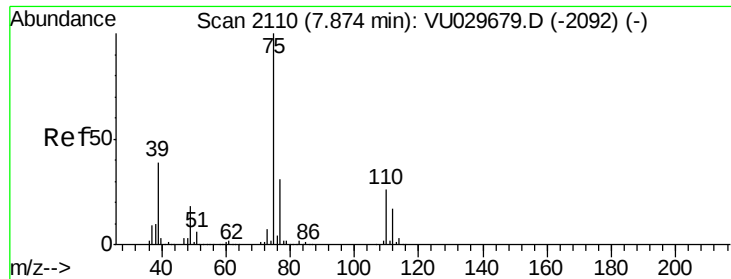
85 65.1 45.4 84.2



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: 0.736 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029685.D

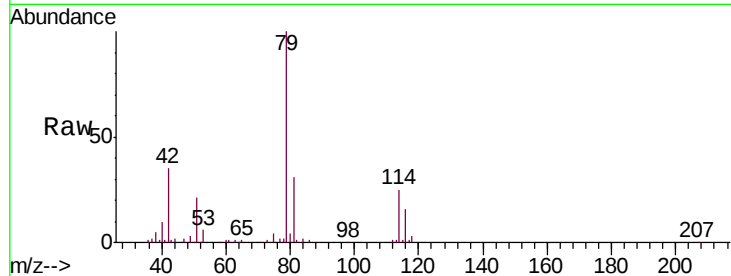
Acq: 26 Feb 2019 16:33

Tgt Ion: 75 Resp: 3214

Ion Ratio Lower Upper

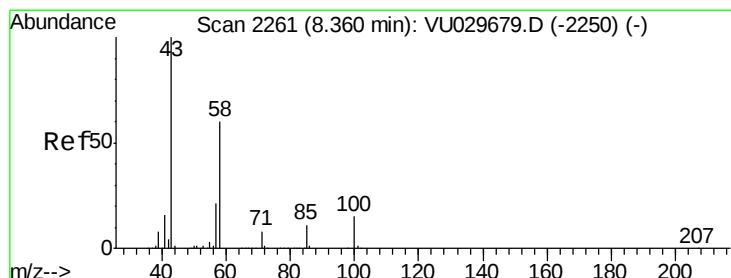
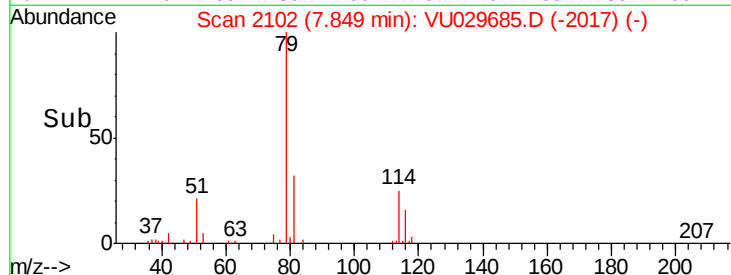
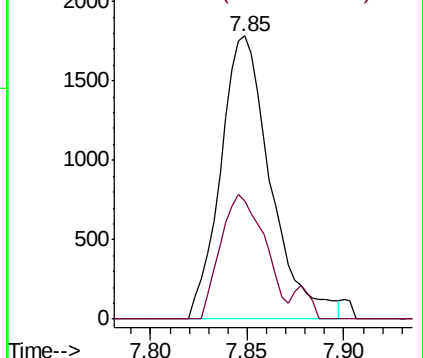
75 100

77 42.0 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU029679.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU029679.D (-2092) (-)



#48

2-Hexanone

Concen: 4.851 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029685.D

Acq: 26 Feb 2019 16:33

Tgt Ion: 43 Resp: 17102

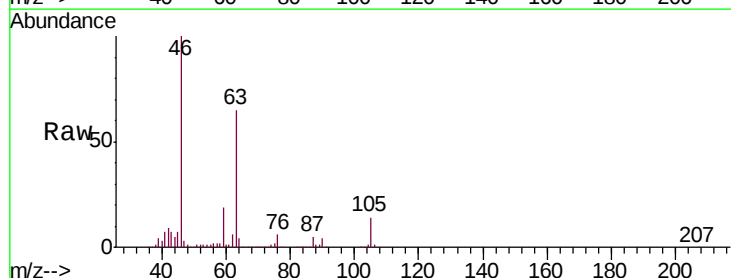
Ion Ratio Lower Upper

43 100

58 27.0 46.4 69.6#

57 25.3 15.7 23.5#

100 0.0 10.9 16.3#

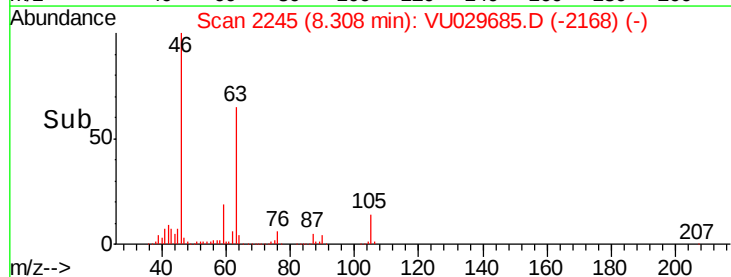
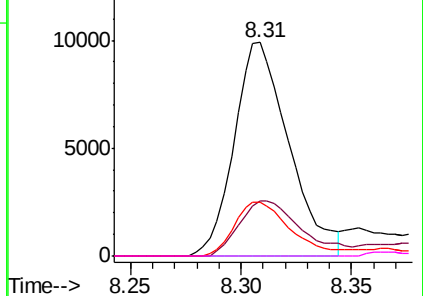


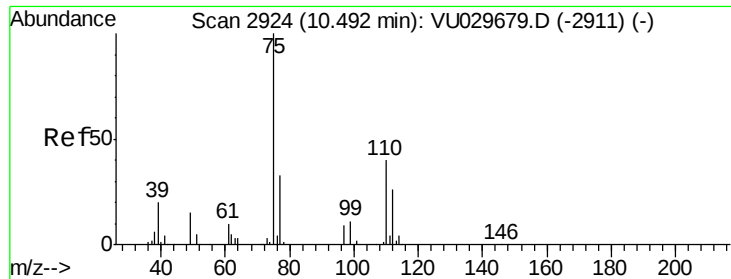
Abundance Ion 43.00 (42.70 to 43.70): VU029679.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU029679.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU029679.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU029679.D (-2250) (-)





#59

1,2,3-Trichloropropane

Concen: 5.018 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029685.D

Acq: 26 Feb 2019 16:33

Tgt Ion: 75 Resp: 20535

Ion Ratio Lower Upper

75 100

77 35.6 25.7 38.5

