

Data File : VU029698.D
Acq On : 26 Feb 2019 21:34
Operator : JC/SP
Sample : K1625-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 27 01:58:21 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	456550	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441392	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119121	35.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.22%
7) Chloroethane-d5	1.68	69	109446	36.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.27	63	179219	27.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.82%#
21) 2-Butanone-d5	4.17	46	226115	111.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.07%
24) Chloroform-d	4.65	84	236874	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.31	65	148971	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
32) Benzene-d6	5.34	84	501376	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
36) 1,2-Dichloropropane-d6	6.33	67	155096	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.82%
41) Toluene-d8	7.56	98	469832	41.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.90%
43) trans-1,3-Dichloropropene-	7.85	79	69043	38.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.90%
47) 2-Hexanone-d5	8.31	63	184931	99.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	251811	44.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	195262	43.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.98%

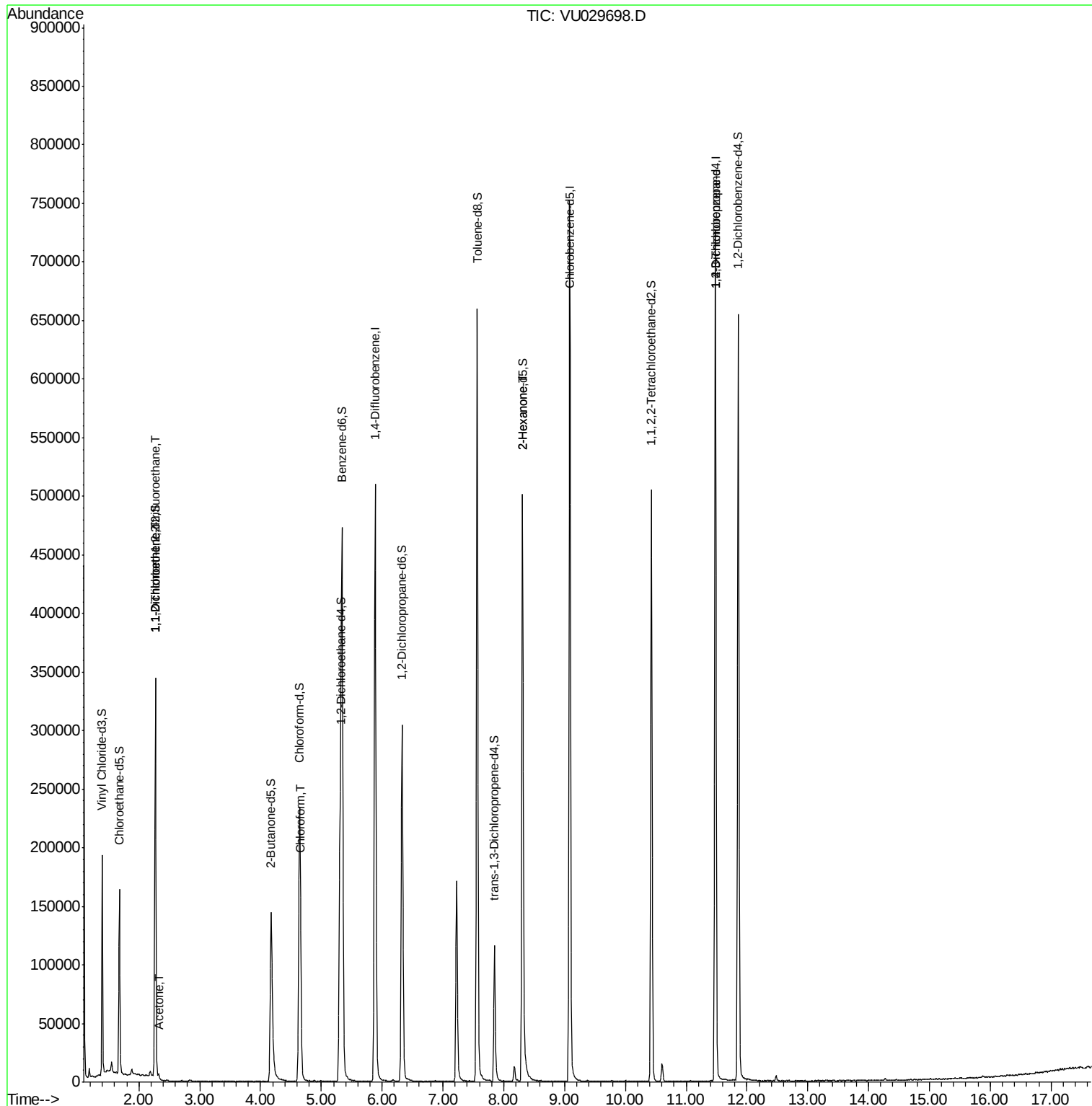
Target Compounds

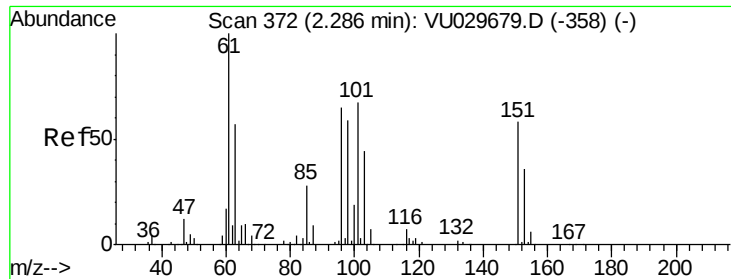
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2034	0.640	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1693	0.560	ug/L #	1
13) Acetone	2.32	43	2992	1.375	ug/L	99
25) Chloroform	4.67	83	3649	0.678	ug/L	77
48) 2-Hexanone	8.31	43	19241	5.273	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	20625	4.869	ug/L	90

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

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#10

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

Concen: 0.640 ug/L

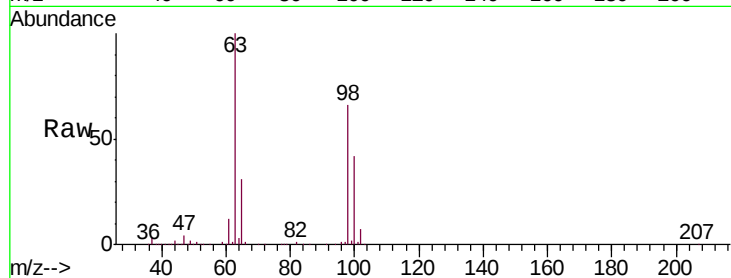
RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

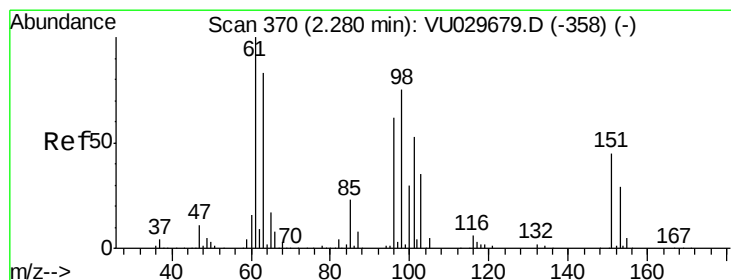
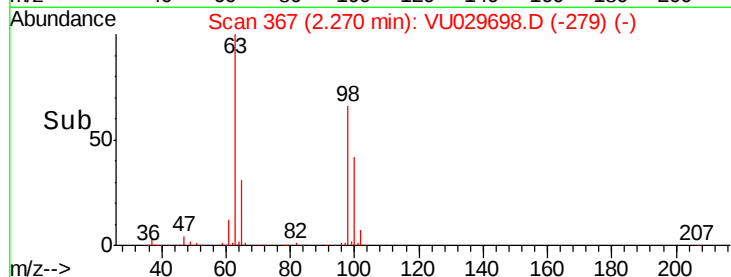
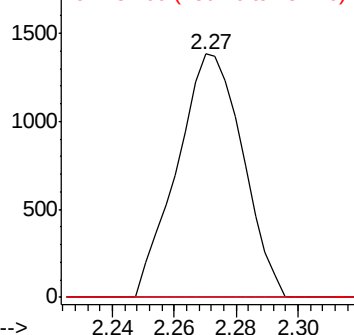
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Acq: 26 Feb 2019 21:34

Tgt Ion:	101	Resp:	2034
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): VU
Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.560 ug/L

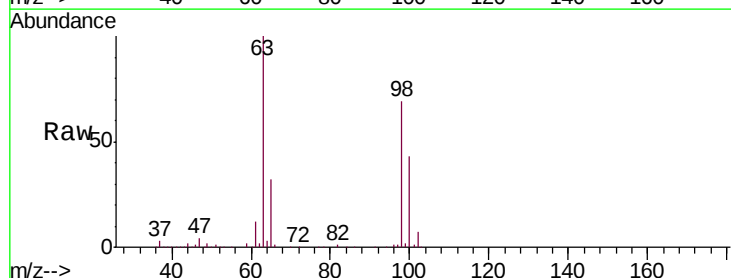
RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

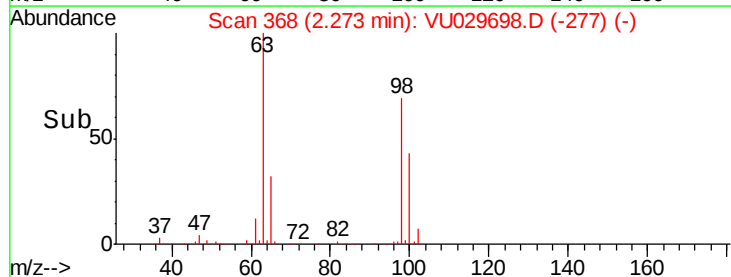
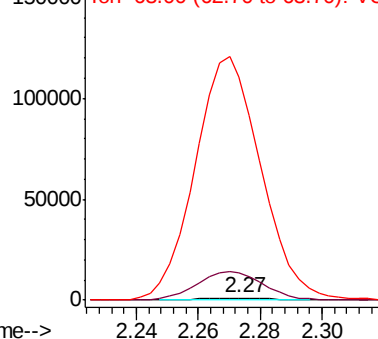
Lab File: VU029698.D

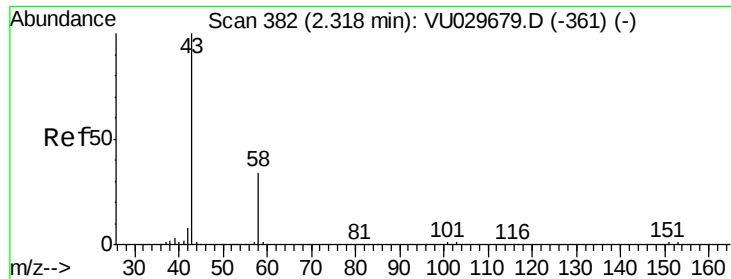
Acq: 26 Feb 2019 21:34

Tgt Ion:	96	Resp:	1693
Ion	Ratio	Lower	Upper
96	100		
61	1161.8	114.0	211.8#
63	9610.4	98.7	183.3#



Abundance Ion 96.00 (95.70 to 96.70): VU
Ion 61.00 (60.70 to 61.70): VU
Ion 63.00 (62.70 to 63.70): VU





#13

Acetone

Concen: 1.375 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029698.D

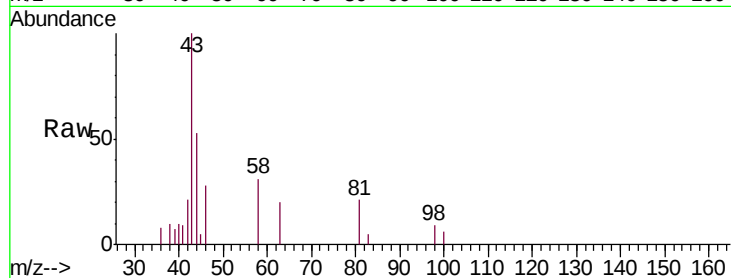
Acq: 26 Feb 2019 21:34

Tgt Ion: 43 Resp: 2992

Ion Ratio Lower Upper

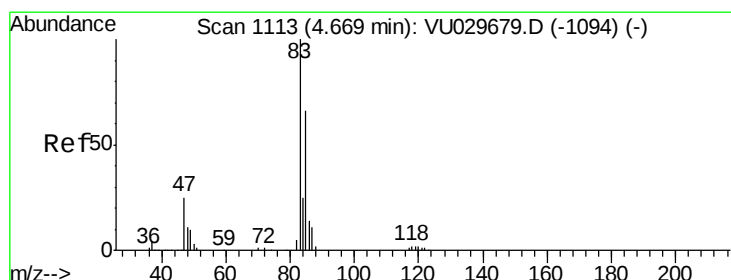
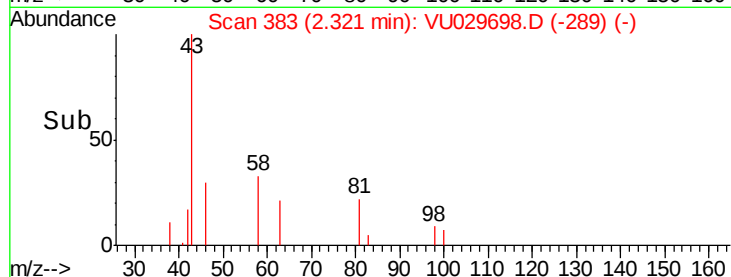
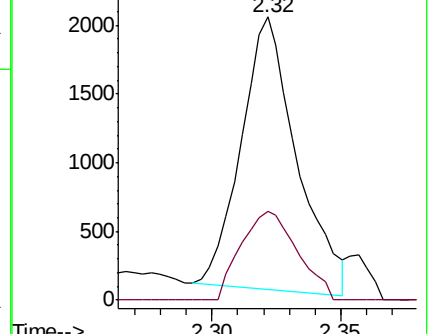
43 100

58 33.0 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: 0.678 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029698.D

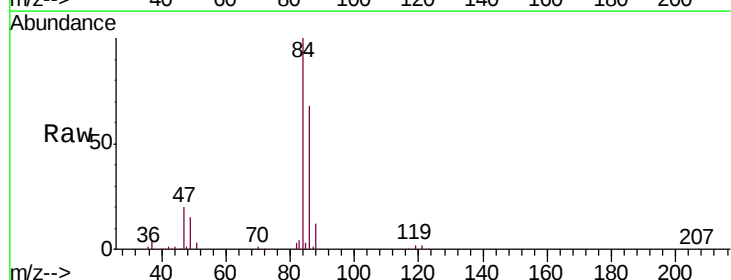
Acq: 26 Feb 2019 21:34

Tgt Ion: 83 Resp: 3649

Ion Ratio Lower Upper

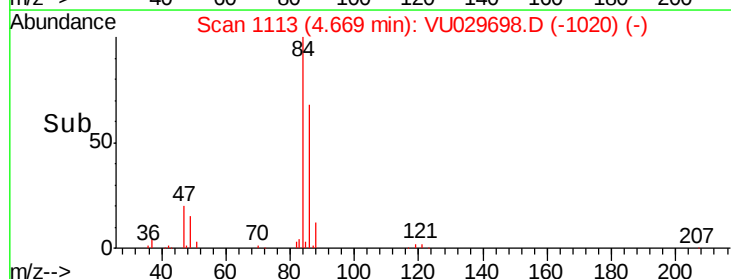
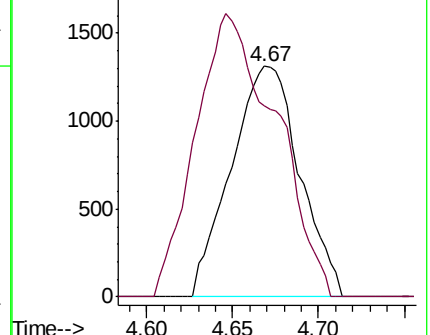
83 100

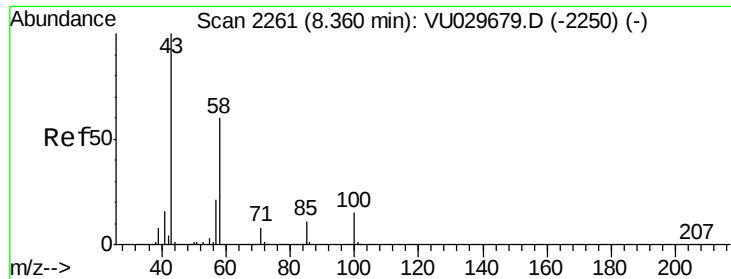
85 82.8 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

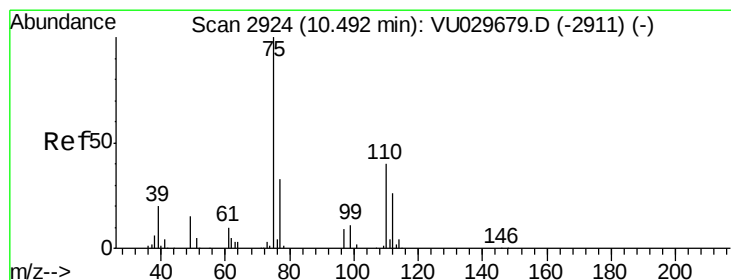
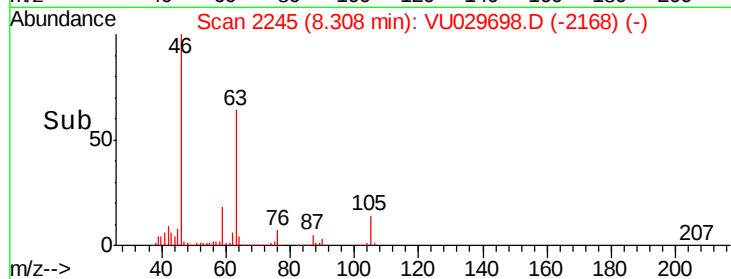
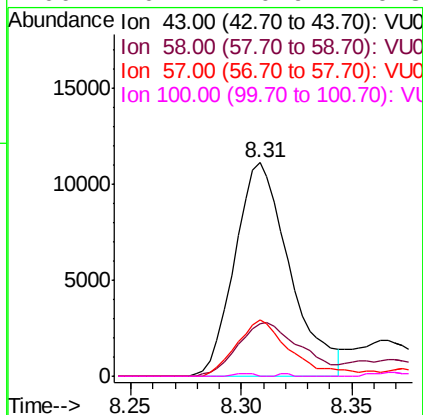
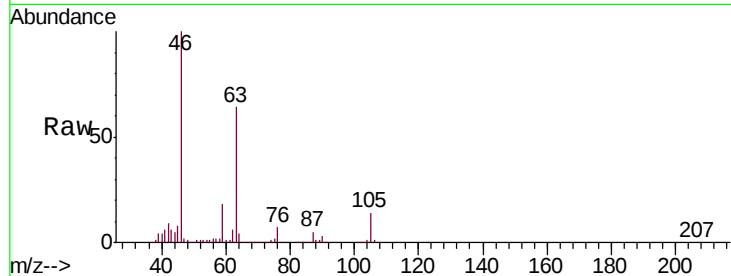
Ion 85.00 (84.70 to 85.70): VU0





#48
 2-Hexanone
 Concen: 5.273 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029698.D
 Acq: 26 Feb 2019 21:34

Tgt Ion:	43	Resp:	19241
Ion	Ratio	Lower	Upper
43	100		
58	28.7	46.4	69.6#
57	24.2	15.7	23.5#
100	0.2	10.9	16.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.869 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029698.D
 Acq: 26 Feb 2019 21:34

Tgt Ion:	75	Resp:	20625
Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.7	38.5

