

Data File : VU029658.D
Acq On : 25 Feb 2019 15:17
Operator : JC/SP
Sample : K1602-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5D6

Quant Time: Feb 26 00:16:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	485198	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232385	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142111	39.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.94%
7) Chloroethane-d5	1.68	69	124531	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.27	63	212025	30.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.02%
21) 2-Butanone-d5	4.17	46	201864	93.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.30%
24) Chloroform-d	4.64	84	255727	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
26) 1,2-Dichloroethane-d4	5.31	65	165125	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
32) Benzene-d6	5.34	84	568922	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.33	67	172018	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.56	98	533598	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	7.85	79	80871	43.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.36%
47) 2-Hexanone-d5	8.31	63	157956	80.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	255784	42.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	222914	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%

Target Compounds

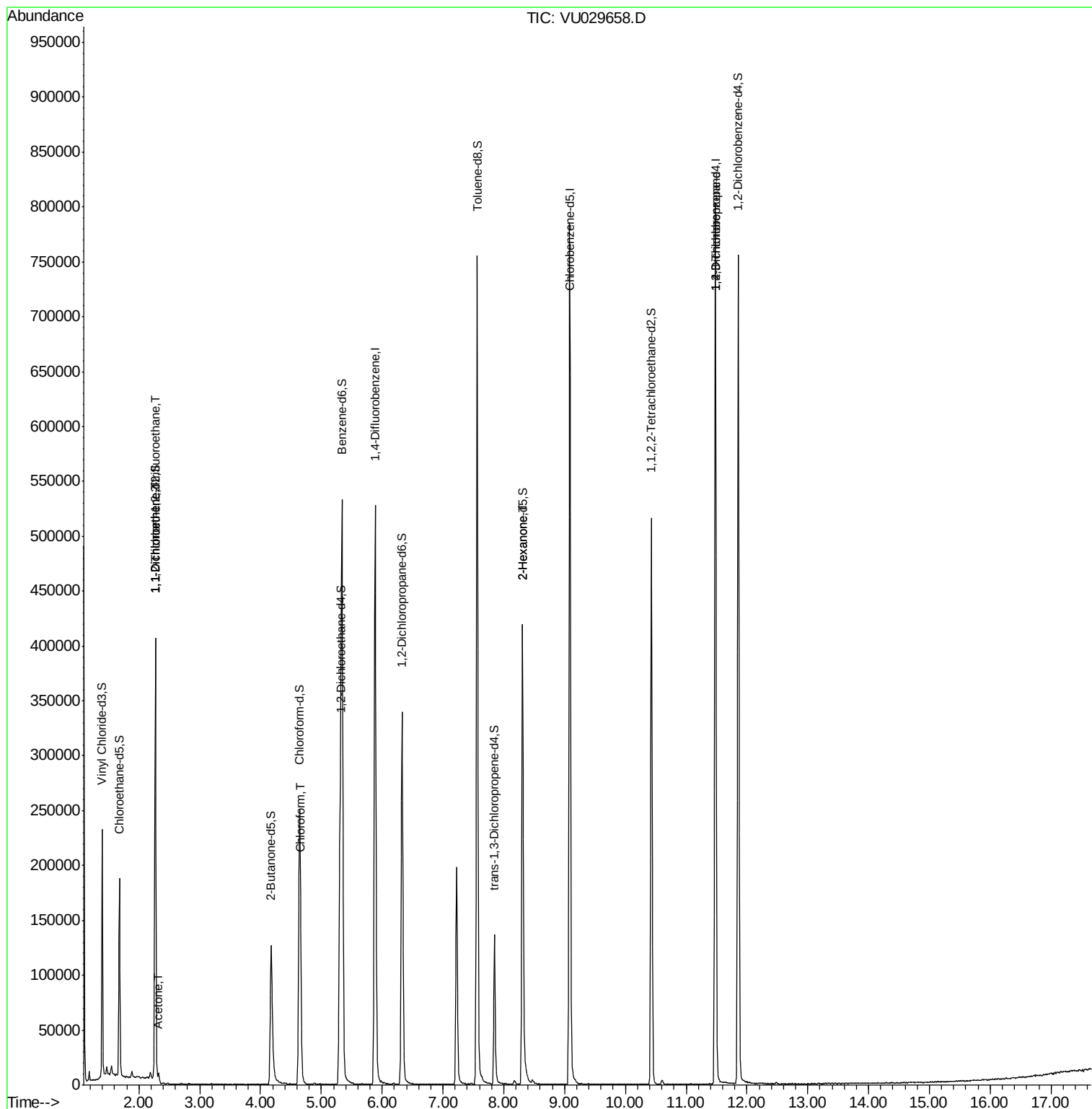
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2137	0.632 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1927	0.600 ug/L #	1
13) Acetone	2.32	43	5823	2.519 ug/L	98
25) Chloroform	4.67	83	8199	1.433 ug/L	85
48) 2-Hexanone	8.31	43	16496	4.277 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	24092	5.382 ug/L	95

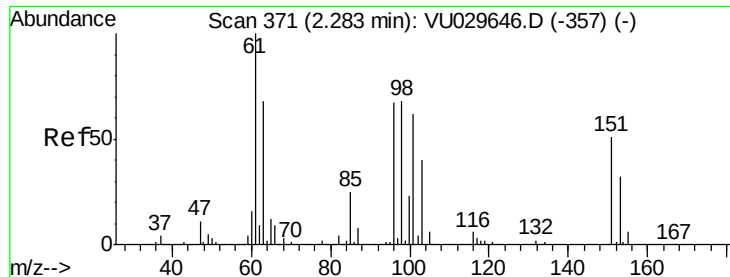
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.632 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BF5D6

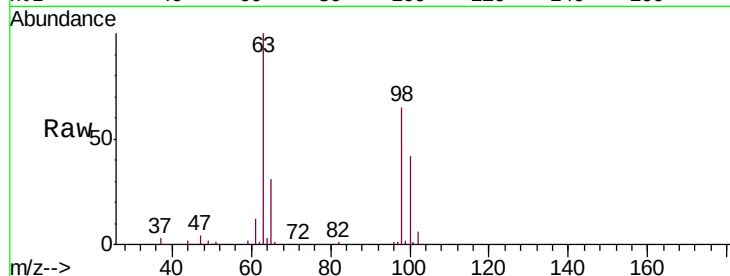
Tgt Ion: 101 Resp: 2137

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

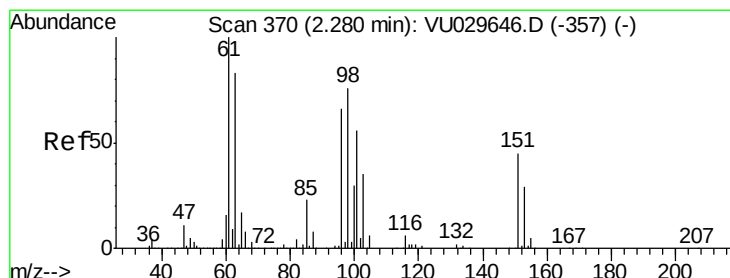
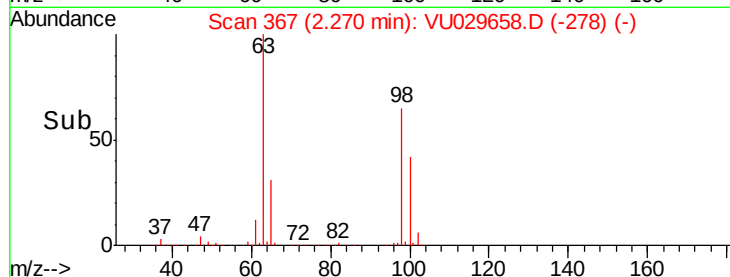
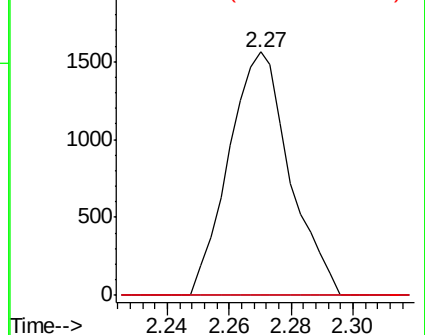
151 0.0 65.7 98.5#



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: 0.600 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029658.D

Acq: 25 Feb 2019 15:17

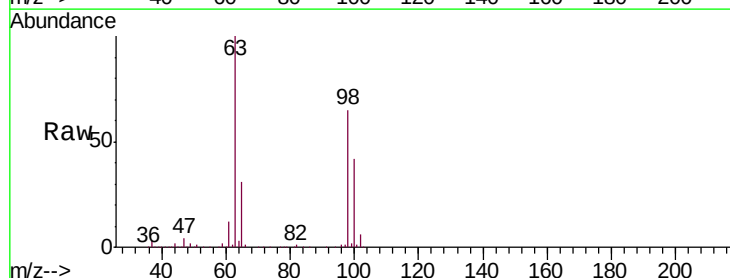
Tgt Ion: 96 Resp: 1927

Ion Ratio Lower Upper

96 100

61 1280.7 114.0 211.8#

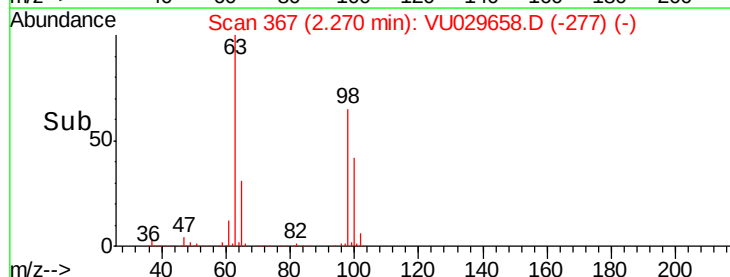
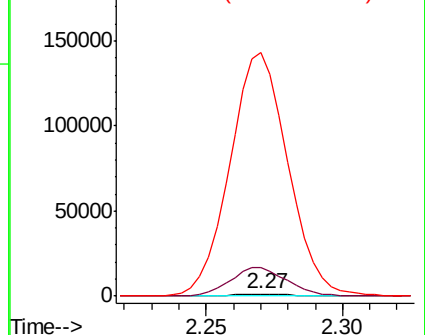
63 10987.6 98.7 183.3#

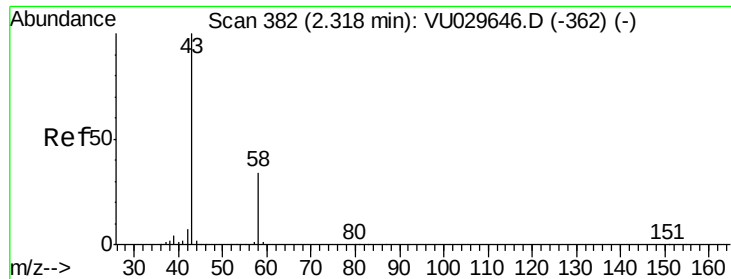


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.519 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

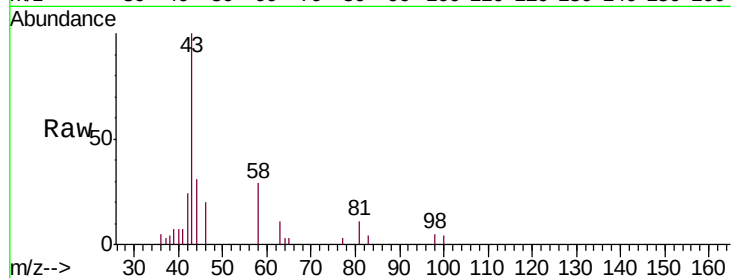
BF5D6

Tgt Ion: 43 Resp: 5823

Ion Ratio Lower Upper

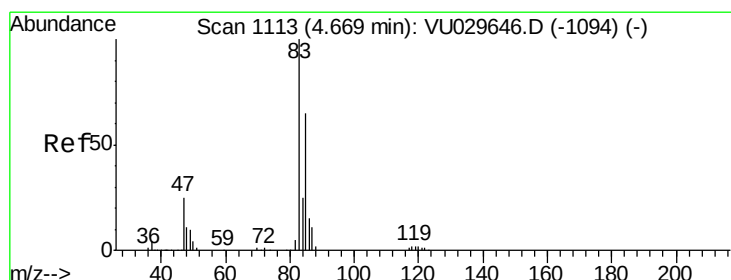
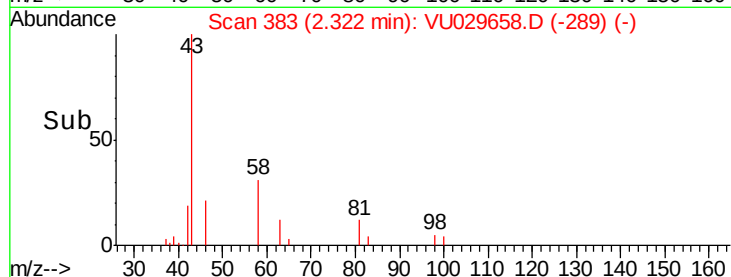
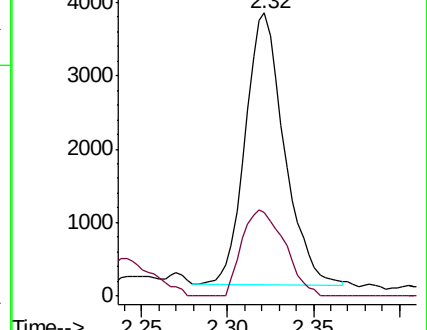
43 100

58 34.7 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029646.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU029646.D (-362) (-)



#25

Chloroform

Concen: 1.433 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029658.D

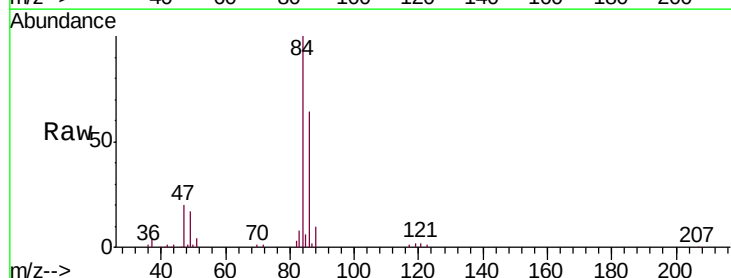
Acq: 25 Feb 2019 15:17

Tgt Ion: 83 Resp: 8199

Ion Ratio Lower Upper

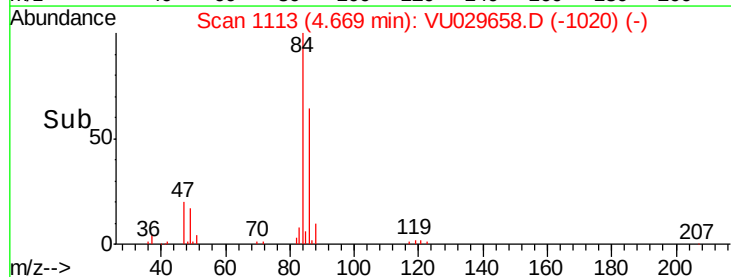
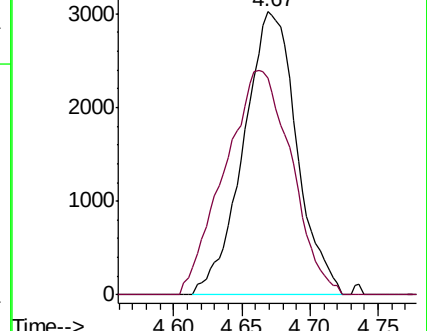
83 100

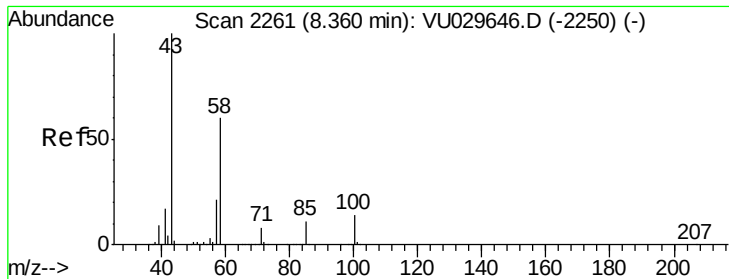
85 76.6 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU029646.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU029646.D (-1094) (-)

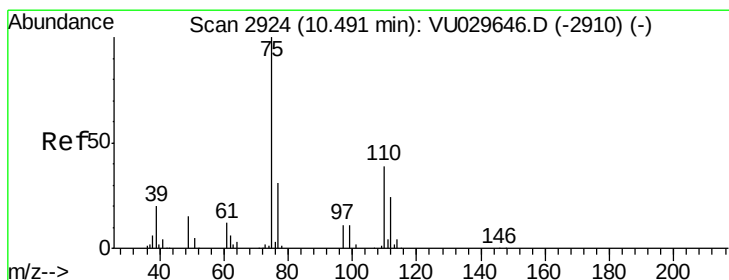
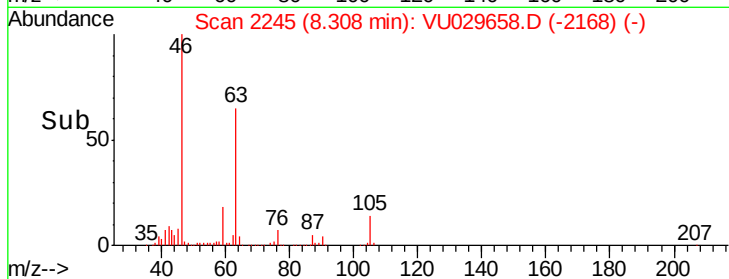
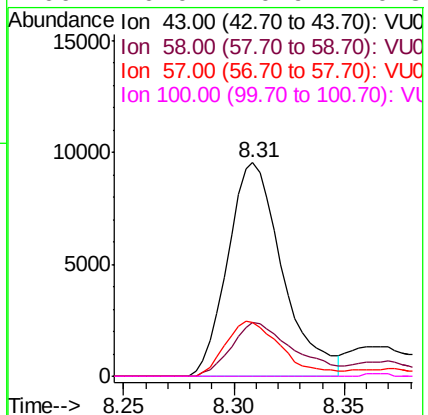
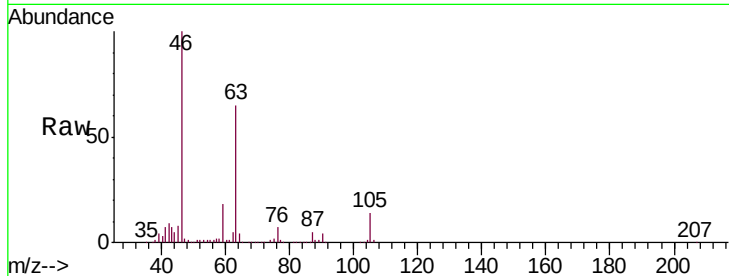




#48
2-Hexanone
Concen: 4.277 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029658.D
Acq: 25 Feb 2019 15:17

Instrument :
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Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.5	46.4	69.6#
57	26.6	15.7	23.5#
100	0.0	10.9	16.3#



#59
1,2,3-Trichloropropane
Concen: 5.382 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029658.D
Acq: 25 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.7	38.5

