

Data File : VU029651.D
Acq On : 25 Feb 2019 12:10
Operator : JC/SP
Sample : K1581-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 26 00:15:45 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	488226	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152755	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.40%
7) Chloroethane-d5	1.68	69	133182	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.74%
11) 1,1-Dichloroethene-d2	2.27	63	215239	30.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.56%
21) 2-Butanone-d5	4.17	46	207264	95.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.20%
24) Chloroform-d	4.64	84	268131	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
26) 1,2-Dichloroethane-d4	5.31	65	172185	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
32) Benzene-d6	5.34	84	596345	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
36) 1,2-Dichloropropane-d6	6.32	67	179064	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	7.56	98	565737	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.85	79	85097	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.88%
47) 2-Hexanone-d5	8.31	63	157912	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	261814	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	234714	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

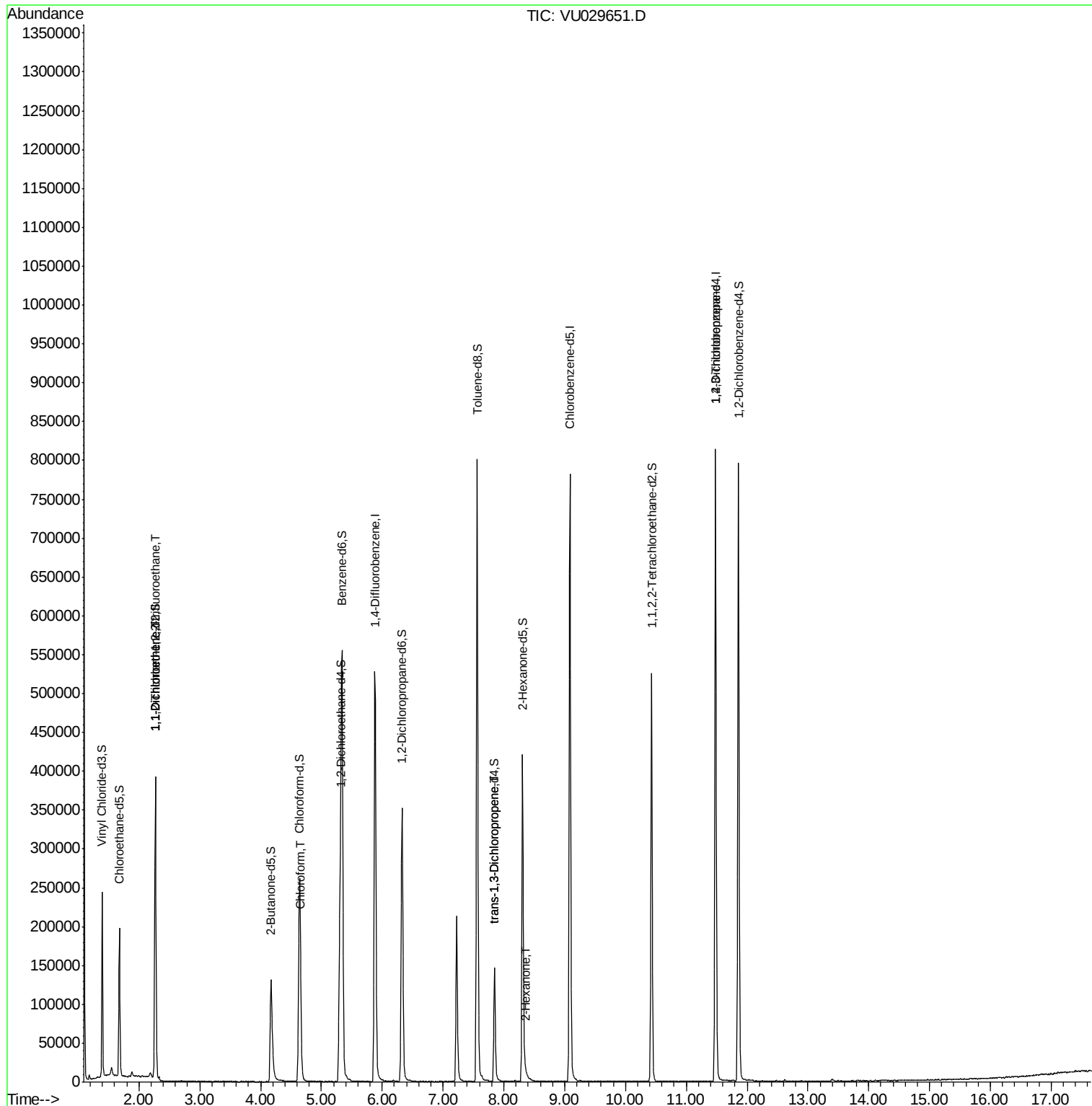
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2431	0.715	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	1820	0.563	ug/L #	1
25) Chloroform	4.67	83	4600	0.799	ug/L	78
44) trans-1,3-Dichloropropene	7.85	75	3373	0.707	ug/L #	74
48) 2-Hexanone	8.36	43	3732	0.968	ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	23685	5.293	ug/L	94

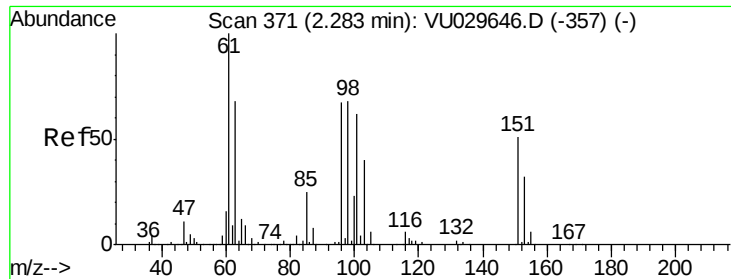
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.715 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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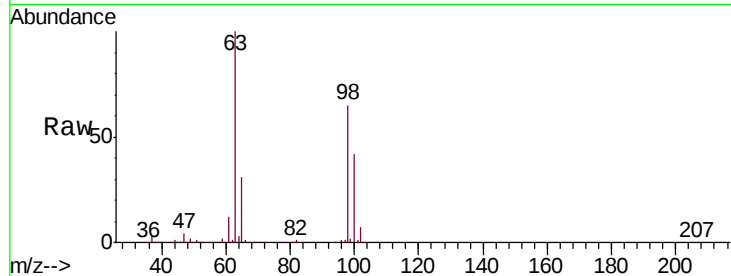
Tgt Ion: 101 Resp: 2431

Ion Ratio Lower Upper

101 100

85 1.7 33.0 49.6#

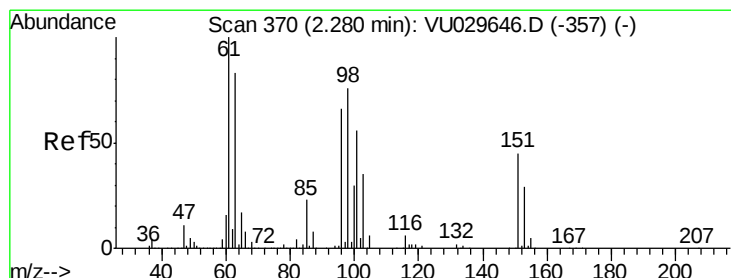
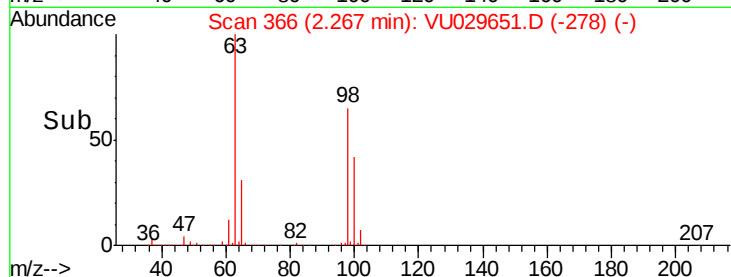
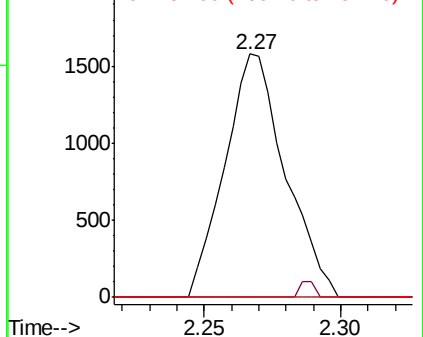
151 0.0 65.7 98.5#



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: 0.563 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU029651.D

Acq: 25 Feb 2019 12:10

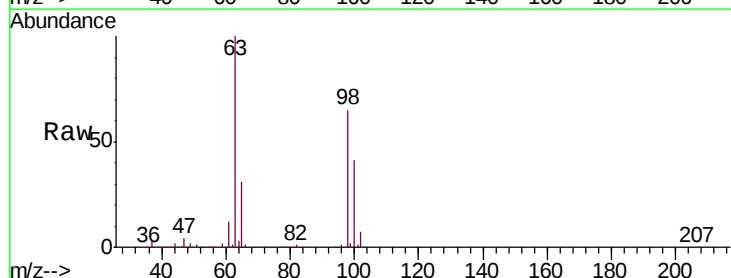
Tgt Ion: 96 Resp: 1820

Ion Ratio Lower Upper

96 100

61 1277.6 114.0 211.8#

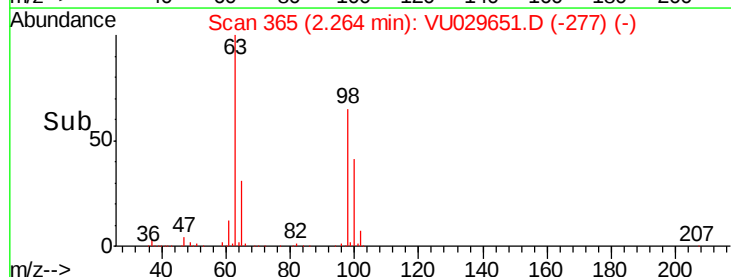
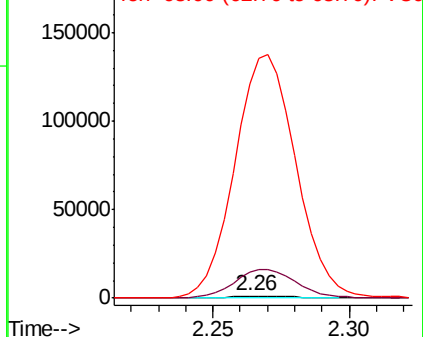
63 10662.4 98.7 183.3#

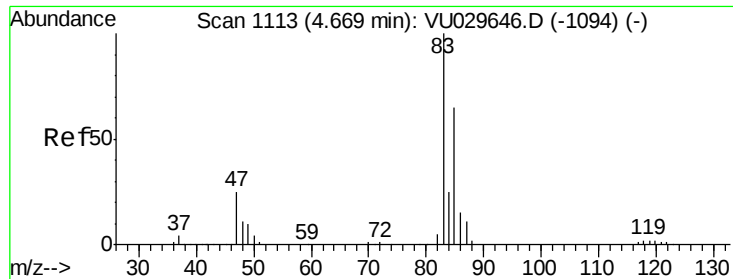


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

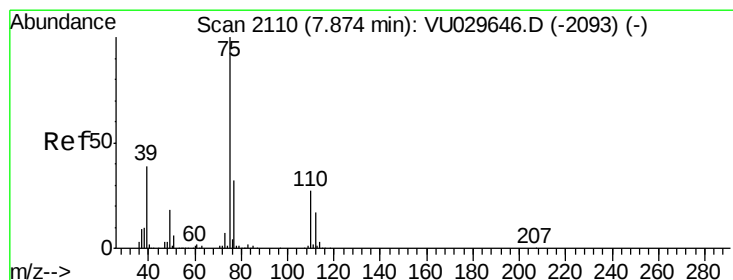
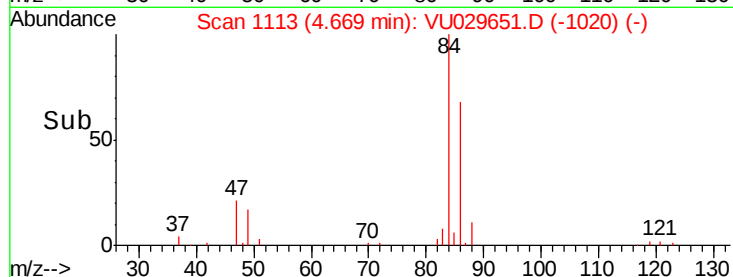
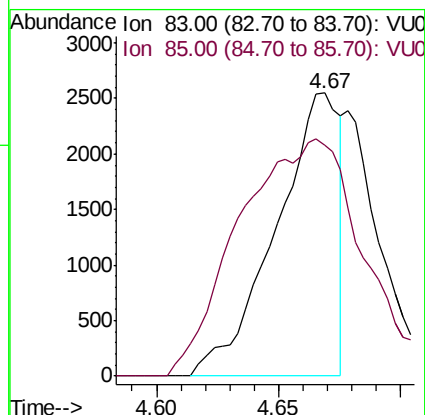
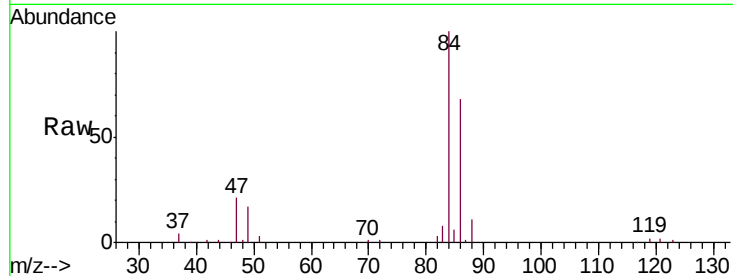




#25
Chloroform
Concen: 0.799 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029651.D
Acq: 25 Feb 2019 12:10

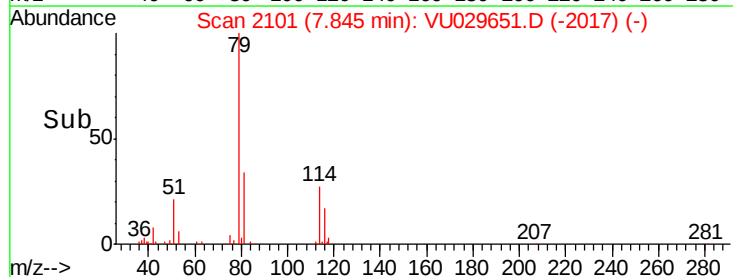
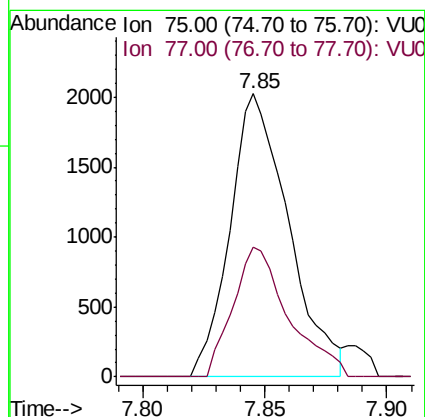
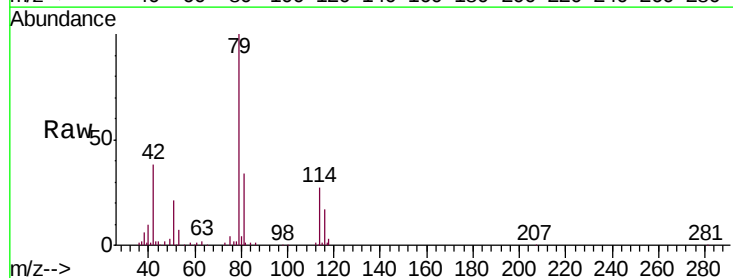
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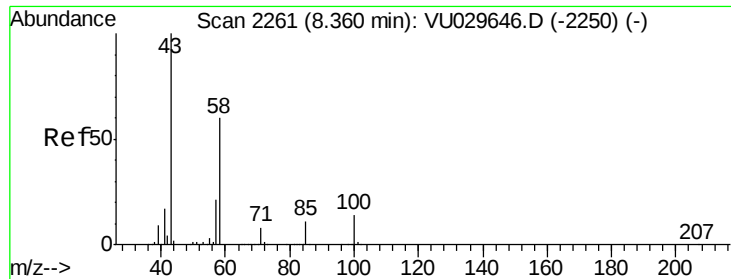
Tgt Ion: 83 Resp: 4600
Ion Ratio Lower Upper
83 100
85 81.8 45.4 84.2



#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029651.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 75 Resp: 3373
Ion Ratio Lower Upper
75 100
77 46.0 22.1 41.1#

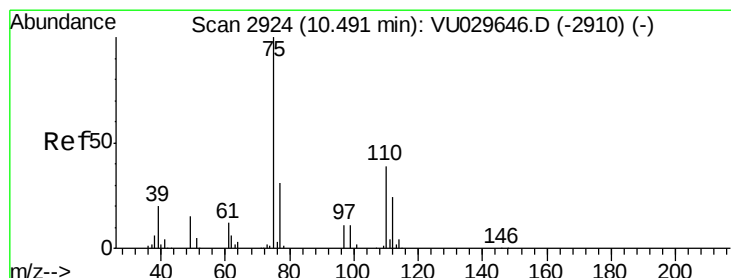
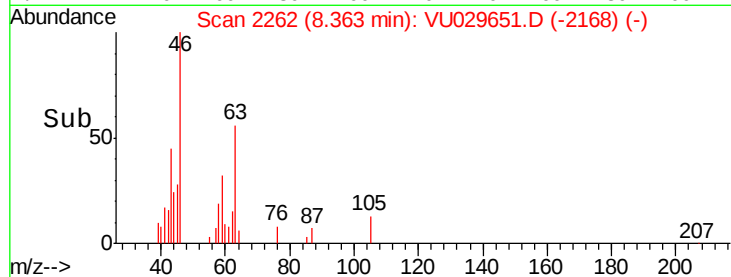
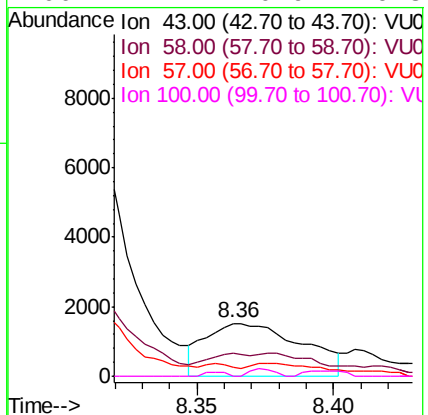
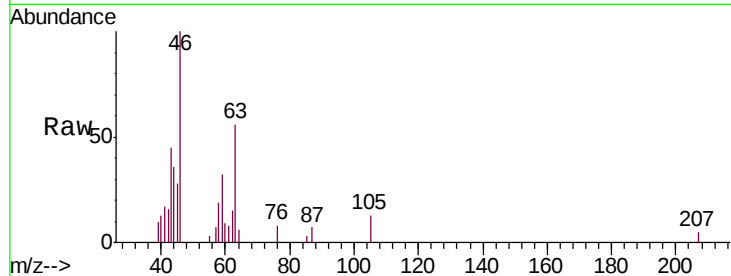




#48
 2-Hexanone
 Concen: 0.968 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029651.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 3732
 Ion Ratio Lower Upper
 43 100
 58 8.3 46.4 69.6#
 57 5.5 15.7 23.5#
 100 1.7 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.293 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029651.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 75 Resp: 23685
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.7 38.5

