

Data File : VU031809.D
Acq On : 07 May 2019 17:01
Operator : JC/SP
Sample : K2634-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHG3

Quant Time: May 08 06:52:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	624268	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	611320	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	235480	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.14%
7) Chloroethane-d5	1.68	69	182617	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.46%
11) 1,1-Dichloroethene-d2	2.27	63	375540	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.18	46	472883	99.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.90%
24) Chloroform-d	4.64	84	454170	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.31	65	327639	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
32) Benzene-d6	5.34	84	882826	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.33	67	315229	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.46%
41) Toluene-d8	7.56	98	712448	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%
43) trans-1,3-Dichloropropene-	7.85	79	125141	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
47) 2-Hexanone-d5	8.31	63	257286	90.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	389403	43.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	215638	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%

Target Compounds

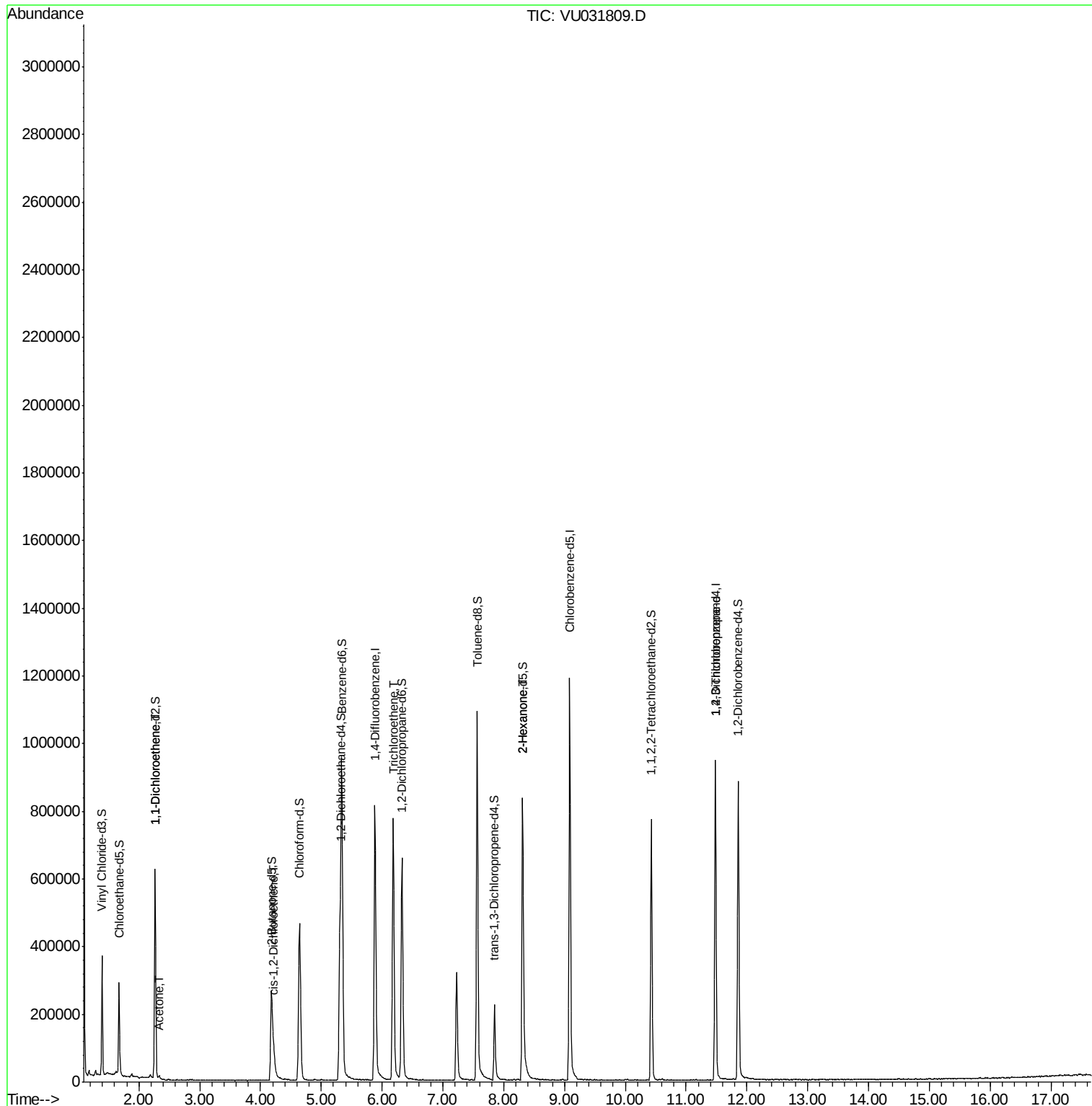
					Qvalue
12) 1,1-Dichloroethene	2.27	96	4199	0.862 ug/L #	1
13) Acetone	2.33	43	4015	0.753 ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	15414	2.831 ug/L	70
34) Trichloroethene	6.18	95	280725	51.526 ug/L	93
48) 2-Hexanone	8.31	43	39887	5.024 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	33294	4.401 ug/L	93

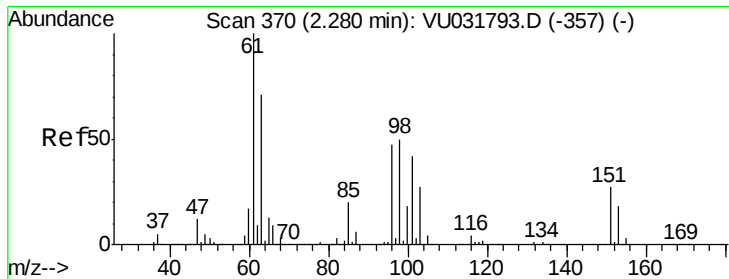
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.862 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

BFHG3

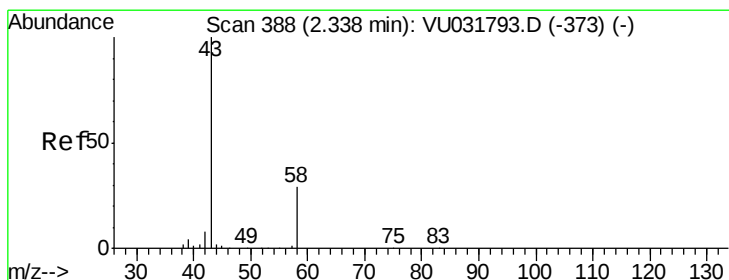
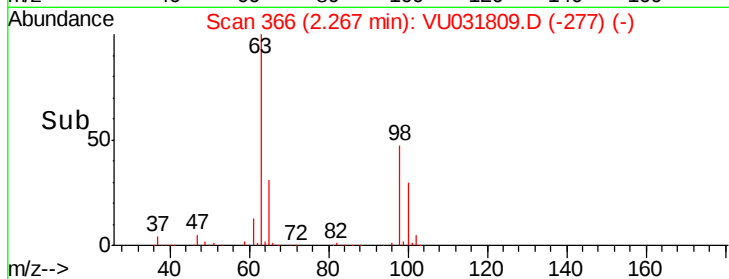
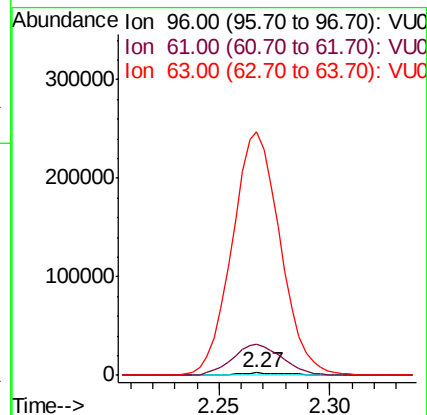
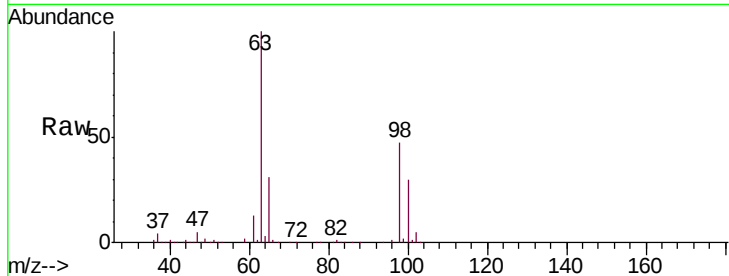
Tgt Ion: 96 Resp: 4199

Ion Ratio Lower Upper

96 100

61 1258.8 135.0 250.6#

63 10000.2 103.5 192.3#



#13

Acetone

Concen: 0.753 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU031809.D

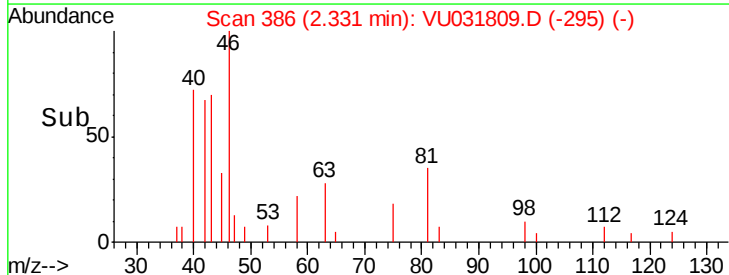
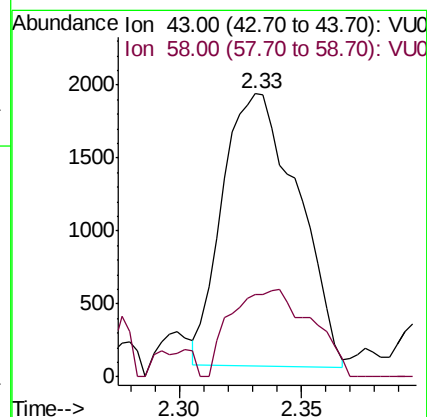
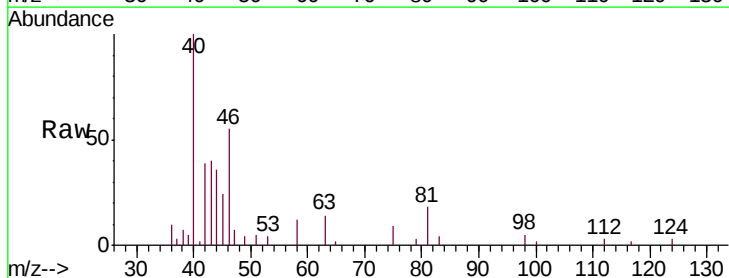
Acq: 07 May 2019 17:01

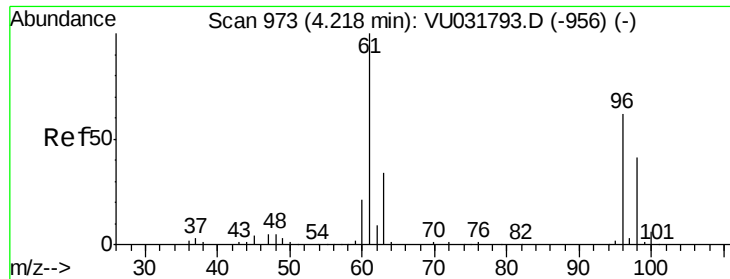
Tgt Ion: 43 Resp: 4015

Ion Ratio Lower Upper

43 100

58 27.6 0.0 64.4

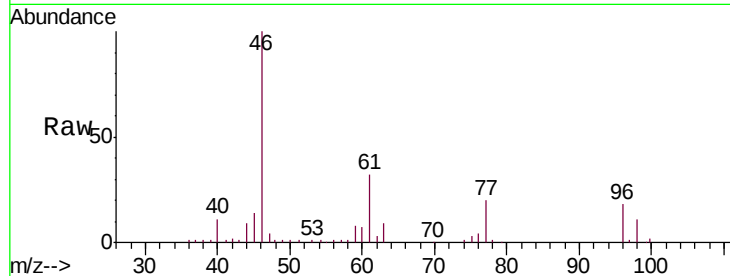




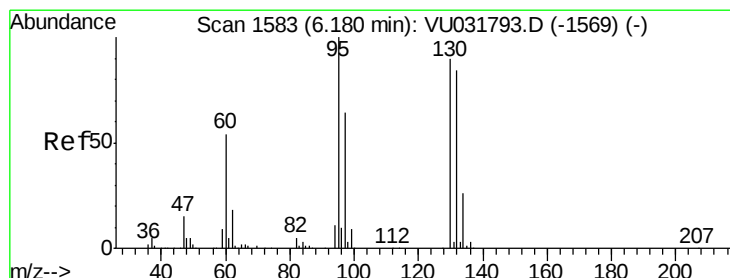
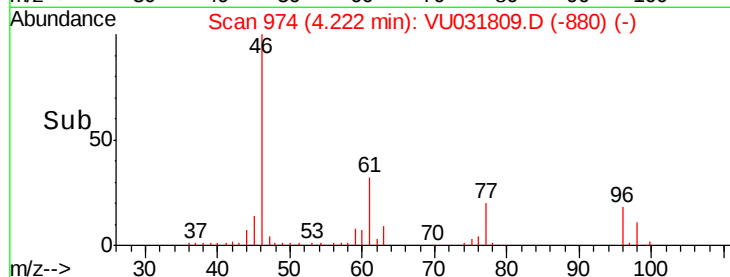
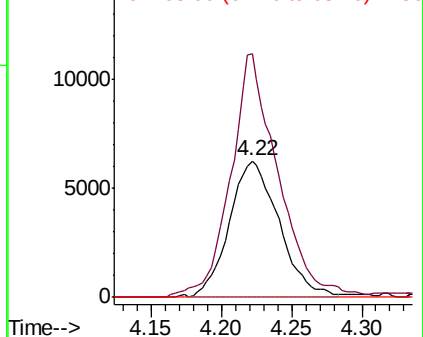
#20
 cis-1,2-Dichloroethene
 Concen: 2.831 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
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 BFHG3

Tgt Ion: 96 Resp: 15414
 Ion Ratio Lower Upper
 96 100
 61 178.4 99.5 184.7
 68 0.0 0.0 0.0

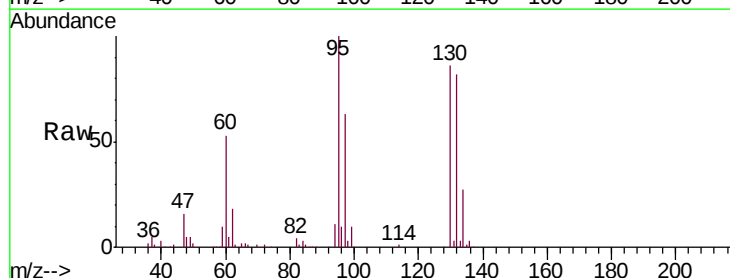


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

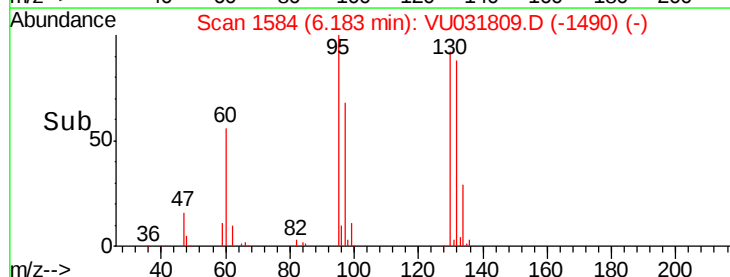
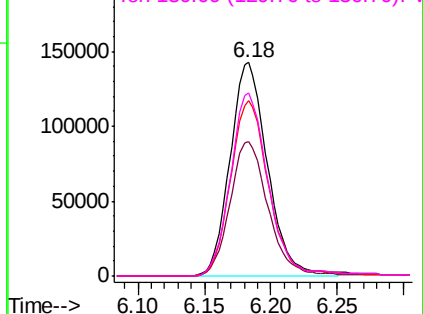


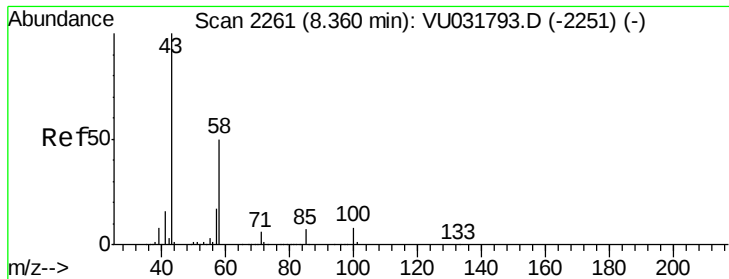
#34
 Trichloroethene
 Concen: 51.526 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031809.D
 Acq: 07 May 2019 17:01

Tgt Ion: 95 Resp: 280725
 Ion Ratio Lower Upper
 95 100
 97 63.1 44.8 83.2
 132 81.9 63.1 117.1
 130 85.8 66.5 123.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

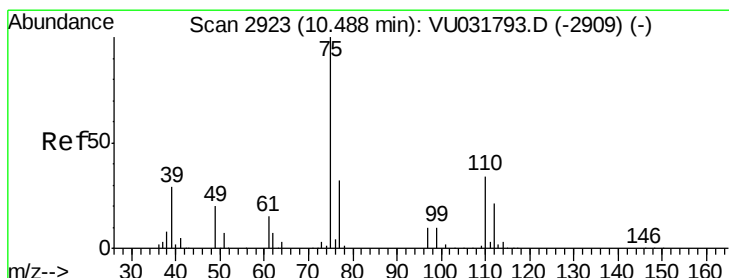
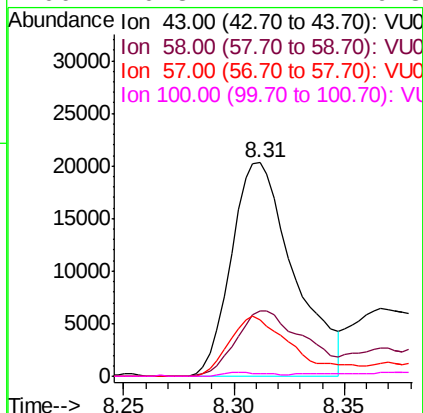
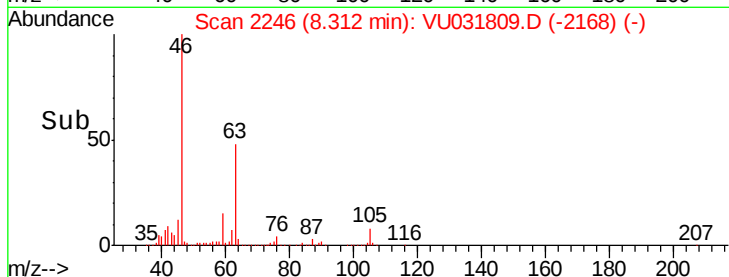
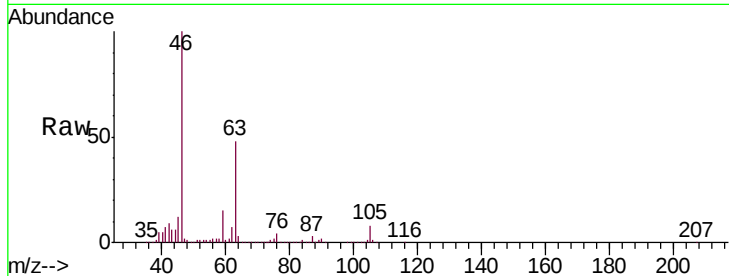




#48
 2-Hexanone
 Concen: 5.024 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031809.D
 Acq: 07 May 2019 17:01

Instrument :
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 BFHG3

Tgt Ion: 43 Resp: 39887
 Ion Ratio Lower Upper
 43 100
 58 33.7 42.1 63.1#
 57 29.6 14.6 22.0#
 100 0.8 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.401 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031809.D
 Acq: 07 May 2019 17:01

Tgt Ion: 75 Resp: 33294
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.9 38.9

