

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031017.D
 Acq On : 10 Apr 2019 17:41
 Operator : JC/SP
 Sample : K2340-05 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S5

Quant Time: Apr 11 08:18:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:16:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453555	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	444544	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176942	50.00	ug/L	0.00

System Monitoring Compounds

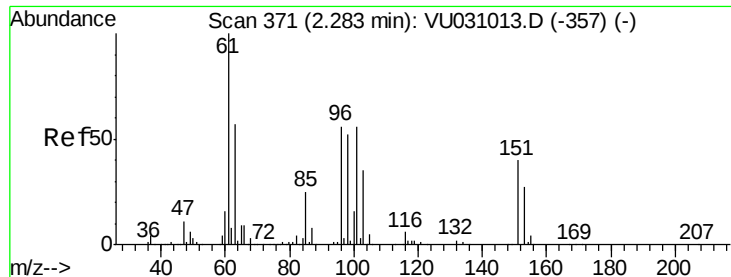
4) Vinyl Chloride-d3	1.40	65	220457	54.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.90%
7) Chloroethane-d5	1.68	69	172713	56.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.27	63	294310	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.38%
21) 2-Butanone-d5	4.17	46	341551	106.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.44%
24) Chloroform-d	4.64	84	341866	55.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.56%
26) 1,2-Dichloroethane-d4	5.30	65	236031	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.86%
32) Benzene-d6	5.34	84	694627	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.06%
36) 1,2-Dichloropropane-d6	6.32	67	234589	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.50%
41) Toluene-d8	7.56	98	591293	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.85	79	105276	51.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.82%
47) 2-Hexanone-d5	8.31	63	202169	99.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319855	53.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	205208	58.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.94%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2563	0.789	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2063	0.658	ug/L #	1
13) Acetone	2.31	43	1778	0.541	ug/L	74
25) Chloroform	4.66	83	15659	2.268	ug/L	84
34) Trichloroethene	6.19	95	34852	9.768	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	6187	1.055	ug/L #	61
48) 2-Hexanone	8.37	43	13820	2.674	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	20453	4.146	ug/L #	84

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

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Operator  : JC/SP  
Sample    : K2340-05 50X  
Misc      : 5.0mL/MSVOA U/WATER  
ALS Vial  : 6 Sample Multiplier: 1
```



#10

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

Concen: 0.789 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031017.D

Acq: 10 Apr 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

BF2S5

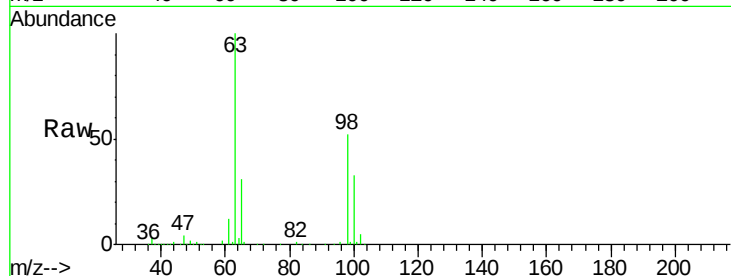
Tot Ion:101 Resp: 2563

Ion Ratio Lower Upper

101 100

85 1.9 36.8 55.2#

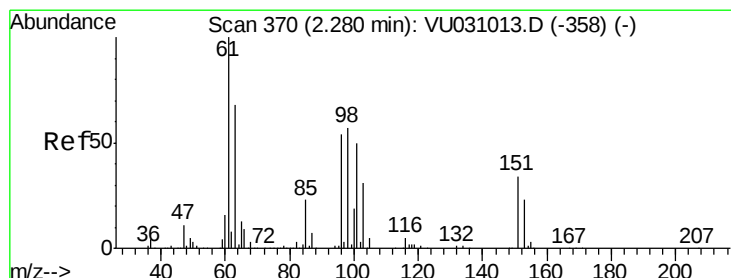
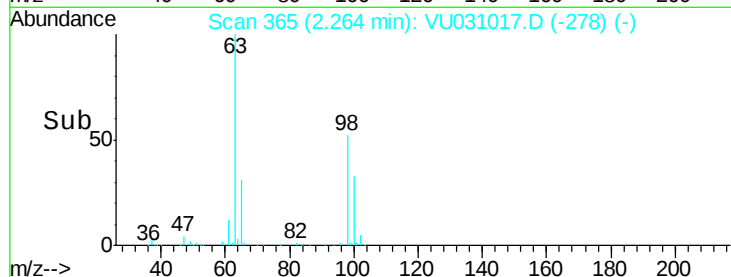
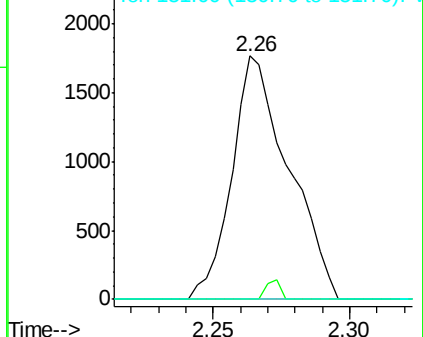
151 0.0 57.4 86.0#



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: 0.658 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031017.D

Acq: 10 Apr 2019 17:41

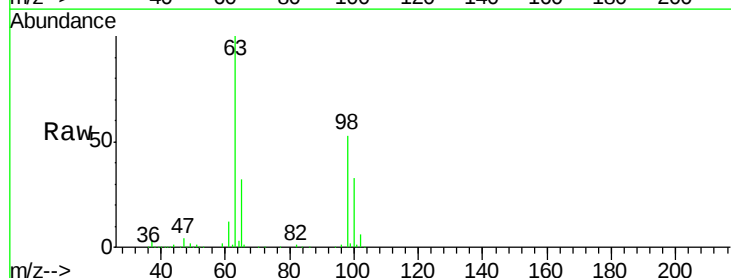
Tgt Ion: 96 Resp: 2063

Ion Ratio Lower Upper

96 100

61 1645.2 132.0 245.2#

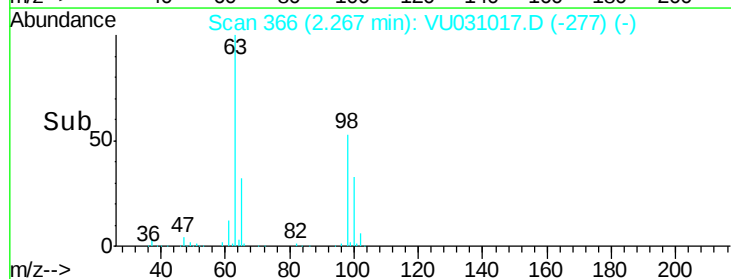
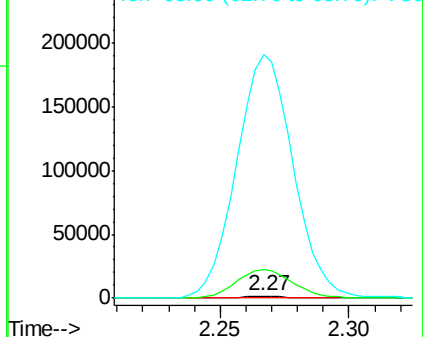
63 13818.8 90.9 168.9#

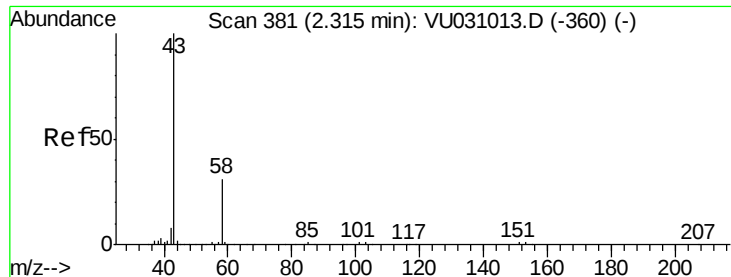


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.541 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU031017.D

Acq: 10 Apr 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

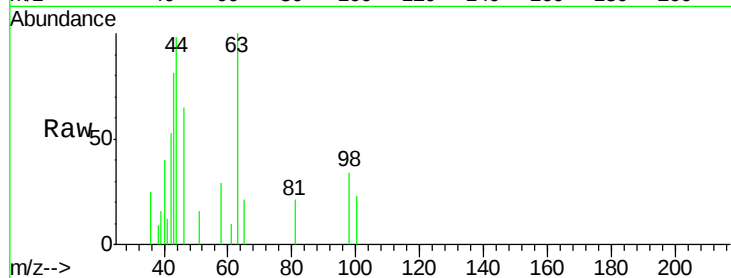
BF2S5

Tot Ion: 43 Resp: 1778

Ion Ratio Lower Upper

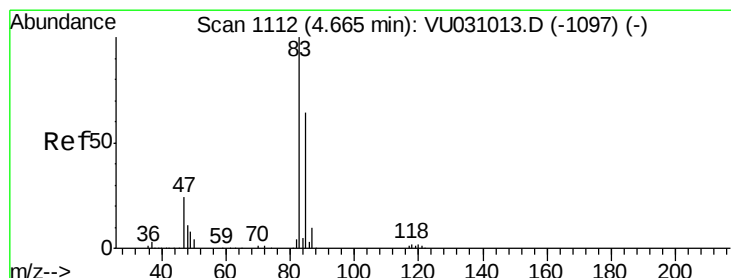
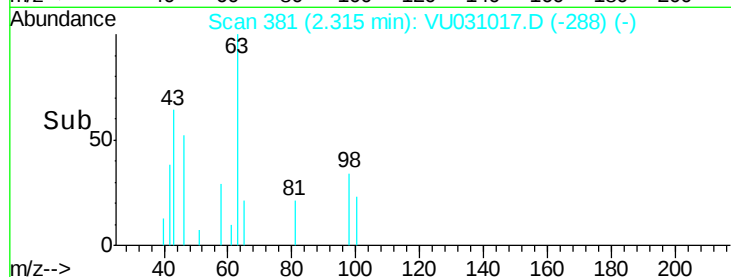
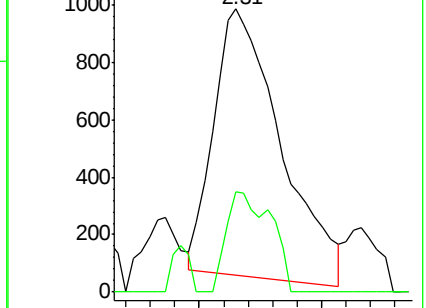
43 100

58 17.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031017.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031017.D (-288) (-)



#25

Chloroform

Concen: 2.268 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU031017.D

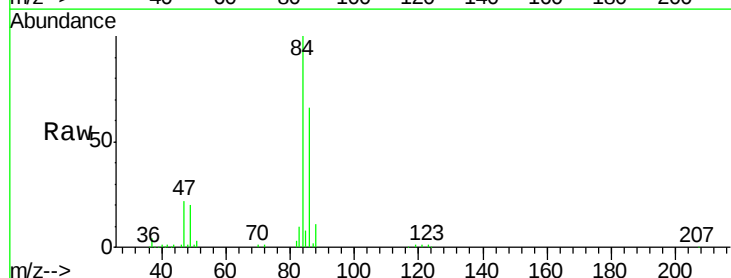
Acq: 10 Apr 2019 17:41

Tgt Ion: 83 Resp: 15659

Ion Ratio Lower Upper

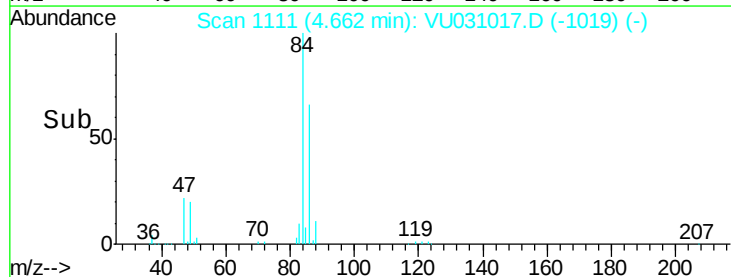
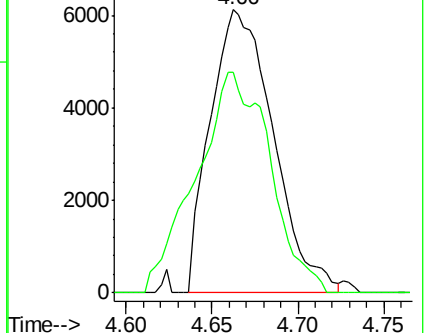
83 100

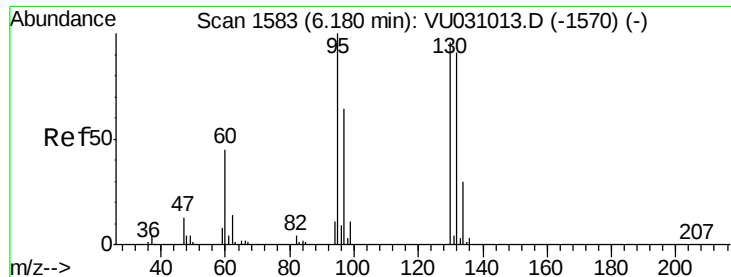
85 77.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031017.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU031017.D (-1019) (-)

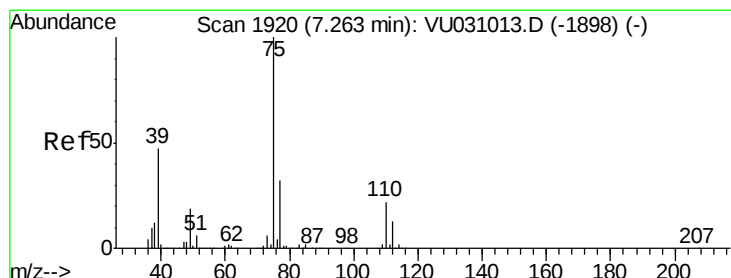
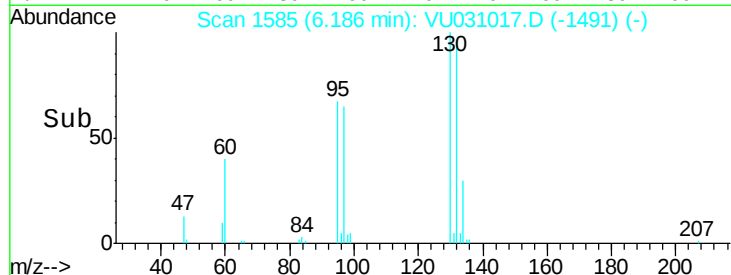
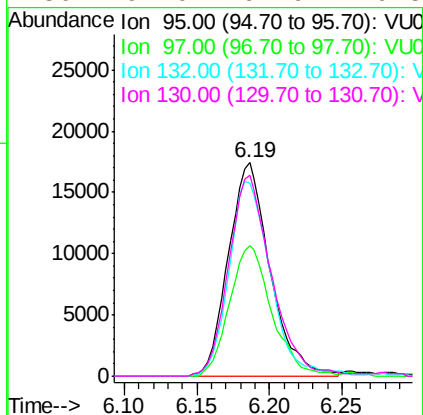
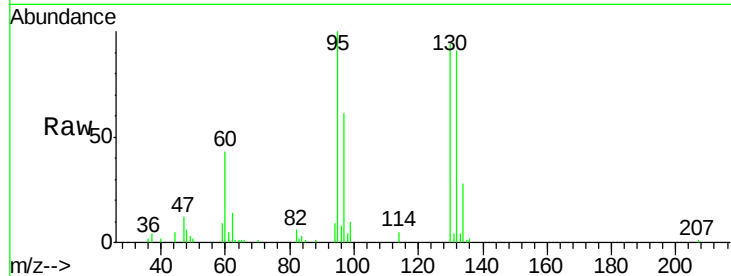




#34
 Trichloroethene
 Concen: 9.768 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU031017.D
 Acq: 10 Apr 2019 17:41

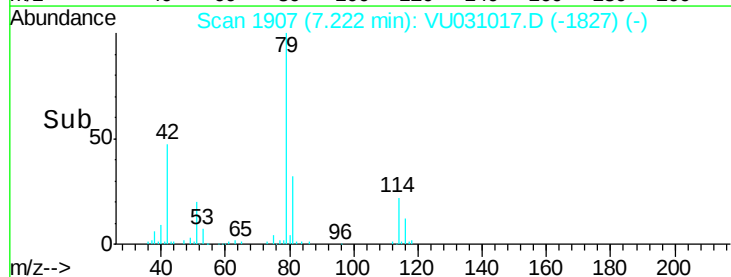
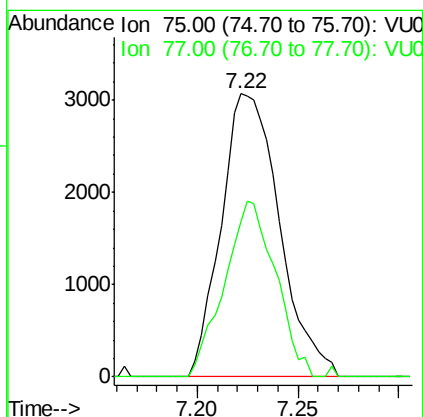
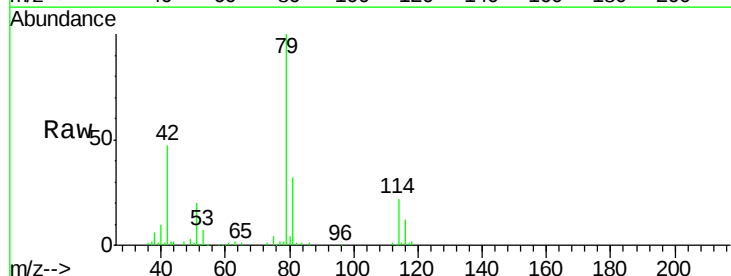
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 BF2S5

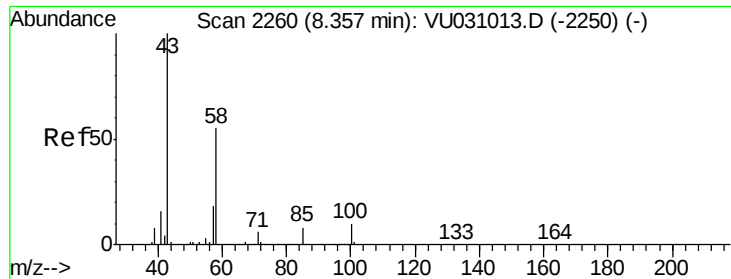
Tot Ion: 95 Resp: 34852
 Ion Ratio Lower Upper
 95 100
 97 61.3 44.5 82.7
 132 90.5 61.5 114.1
 130 94.0 64.9 120.5



#39
 cis-1,3-Dichloropropene
 Concen: 1.055 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU031017.D
 Acq: 10 Apr 2019 17:41

Tgt Ion: 75 Resp: 6187
 Ion Ratio Lower Upper
 75 100
 77 55.0 23.1 42.9#

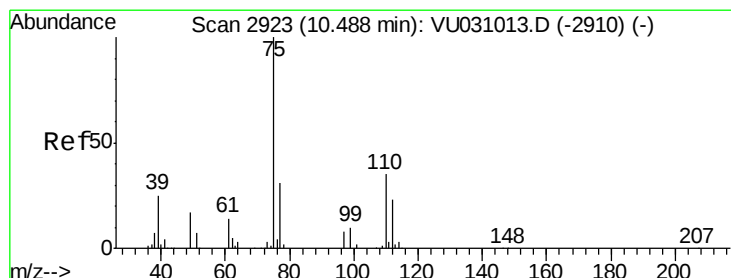
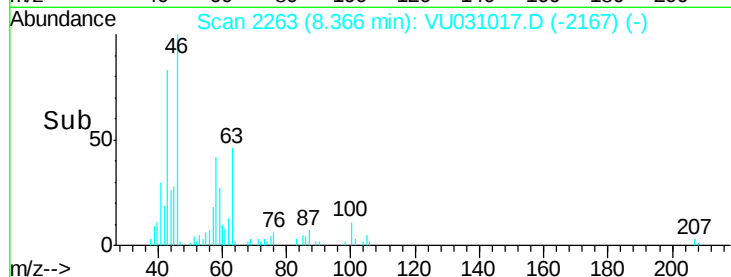
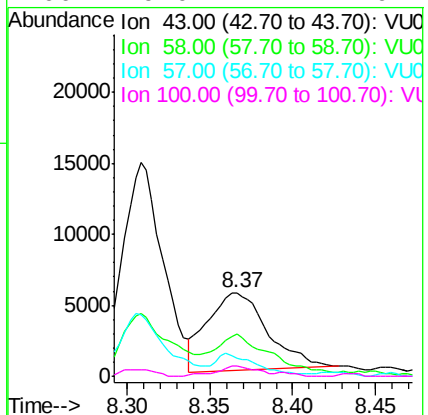
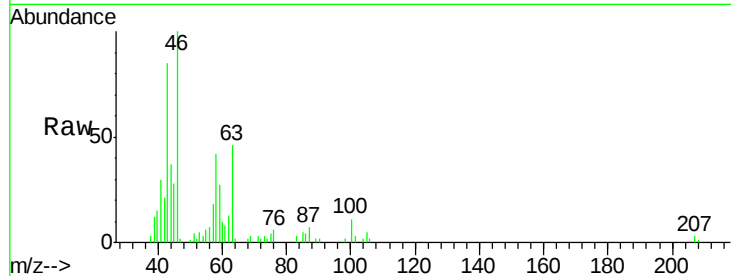




#48
2-Hexanone
Concen: 2.674 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031017.D
Acq: 10 Apr 2019 17:41

Instrument :
MSVOA_U
ClientSampleId :
BF2S5

Tot Ion: 43 Resp: 13820
Ion Ratio Lower Upper
43 100
58 39.9 41.9 62.9#
57 20.5 14.3 21.5
100 9.0 7.1 10.7



#59
1,2,3-Trichloropropane
Concen: 4.146 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031017.D
Acq: 10 Apr 2019 17:41

Tgt Ion: 75 Resp: 20453
Ion Ratio Lower Upper
75 100
77 41.5 26.1 39.1#

