

Data File : VU032312.D
Acq On : 24 May 2019 14:37
Operator : JC/SP
Sample : K2975-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH5

Quant Time: May 24 23:37:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	759194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	750686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312804	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	229394	57.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.60%
7) Chloroethane-d5	1.67	69	207484	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.96%
11) 1,1-Dichloroethene-d2	2.27	63	333980	42.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.86%
21) 2-Butanone-d5	4.17	46	425808	112.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.47%
24) Chloroform-d	4.64	84	473526	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	294609	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
32) Benzene-d6	5.34	84	967784	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
36) 1,2-Dichloropropane-d6	6.32	67	291817	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.56	98	866506	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%
43) trans-1,3-Dichloropropene-	7.85	79	128382	45.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.76%
47) 2-Hexanone-d5	8.31	63	310556	121.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	480524	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	336382	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%

Target Compounds

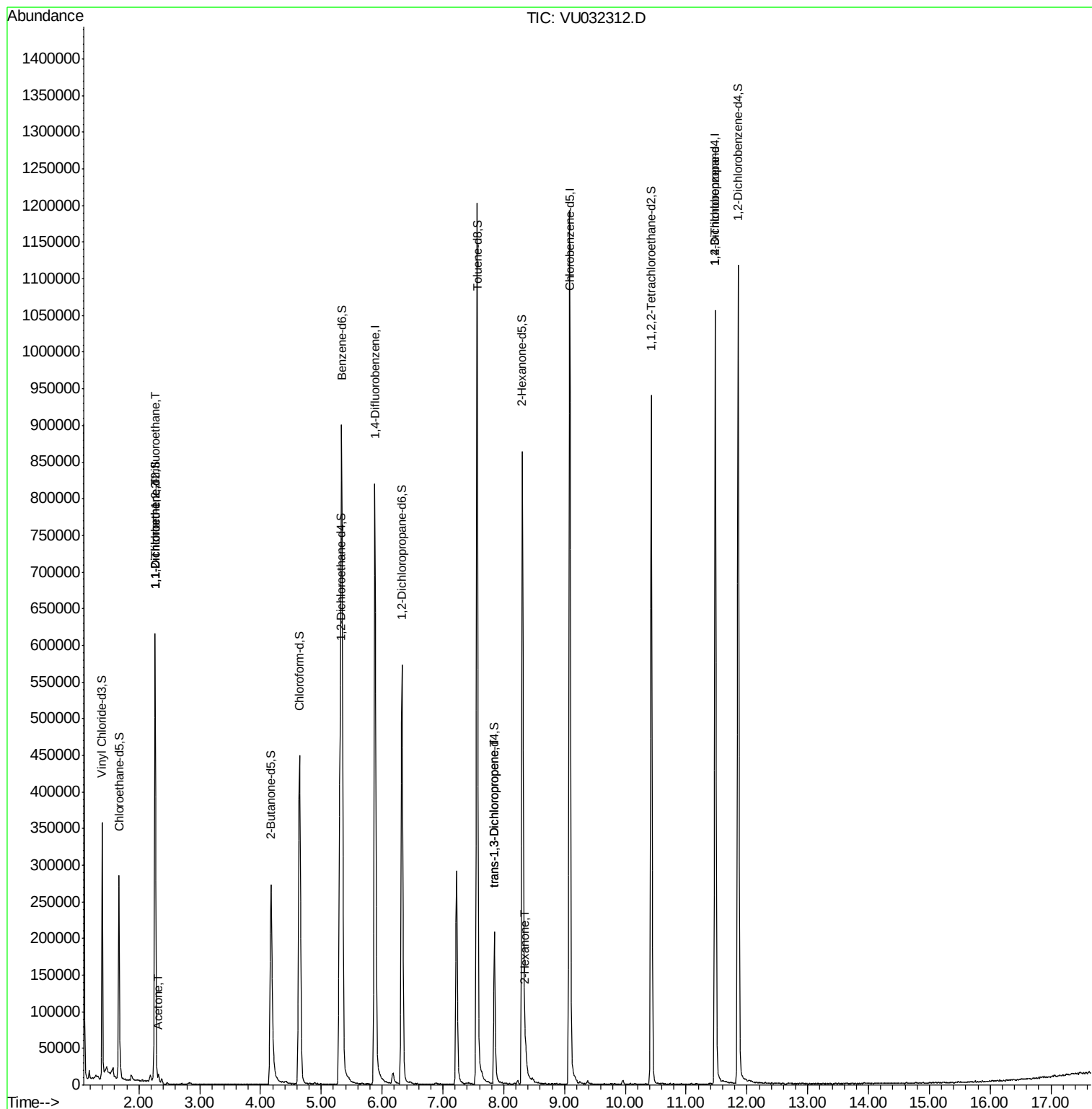
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3506	0.878 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3086	0.694 ug/L #	1
13) Acetone	2.32	43	6220	2.038 ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	4694	0.649 ug/L	89
48) 2-Hexanone	8.36	43	19351	3.213 ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	31963	3.866 ug/L	94

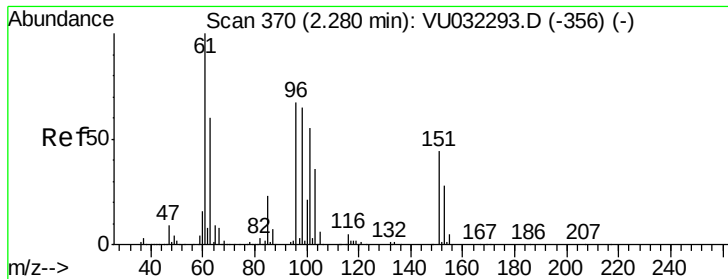
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.878 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032312.D

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Instrument :

MSVOA_U

ClientSampleId :

BFHH5

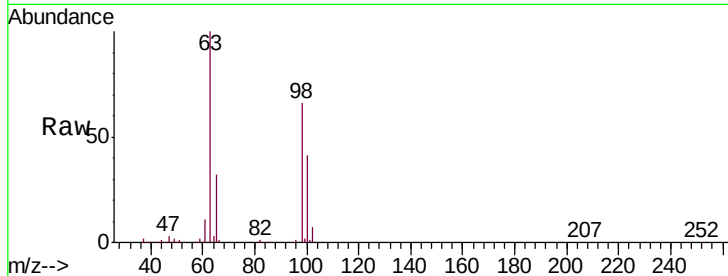
Tgt Ion:101 Resp: 3506

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

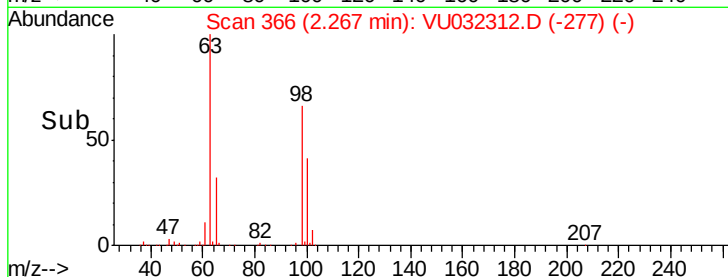
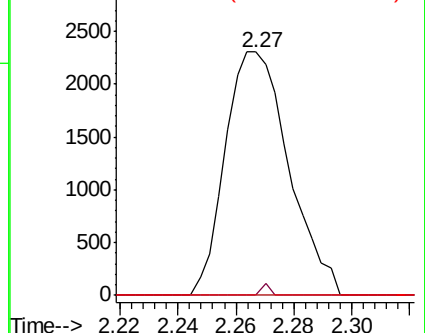
151 0.0 63.5 95.3#



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: 0.694 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032312.D

Acq: 24 May 2019 14:37

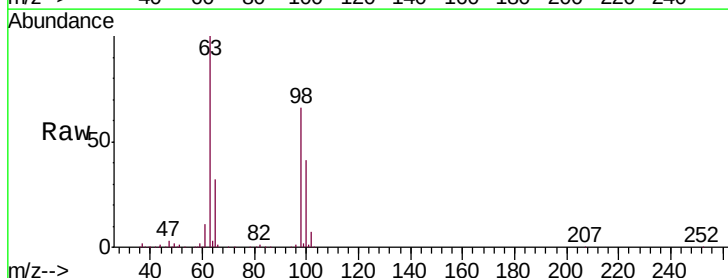
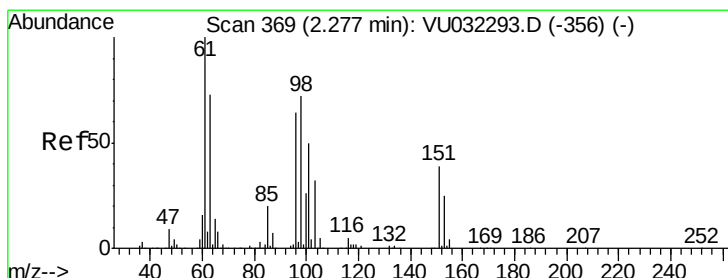
Tgt Ion: 96 Resp: 3086

Ion Ratio Lower Upper

96 100

61 1536.5 108.0 200.6#

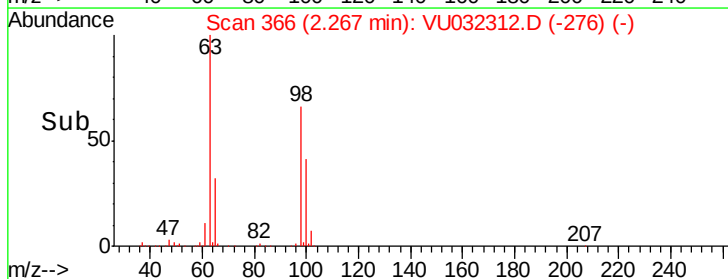
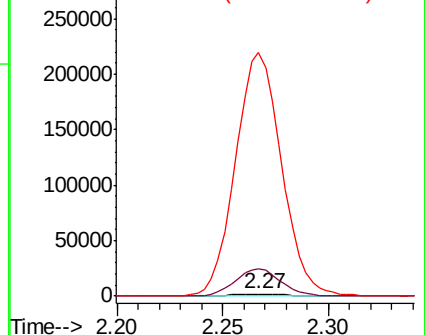
63 13724.6 85.5 158.7#

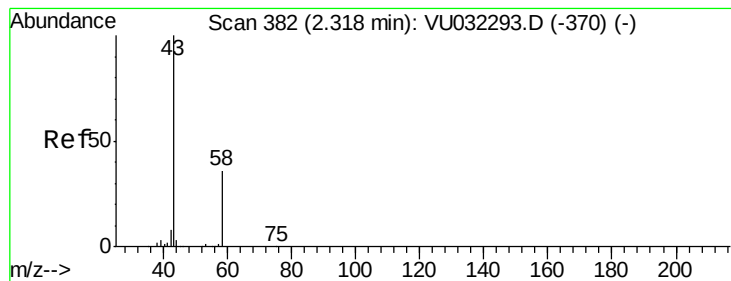


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.038 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

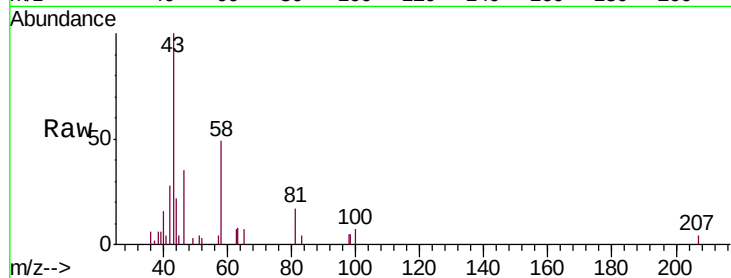
BFHH5

Tgt Ion: 43 Resp: 6220

Ion Ratio Lower Upper

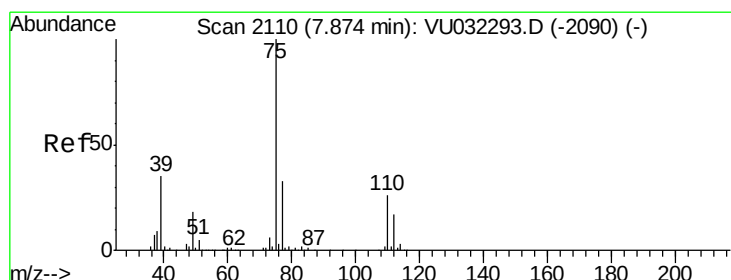
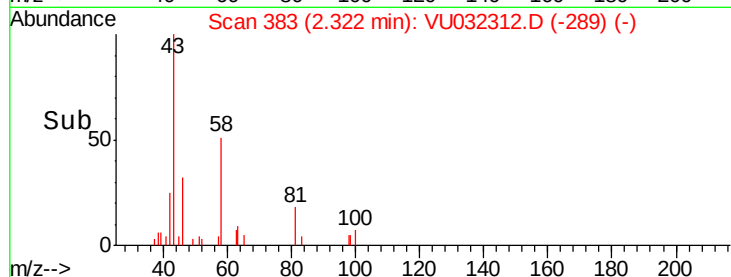
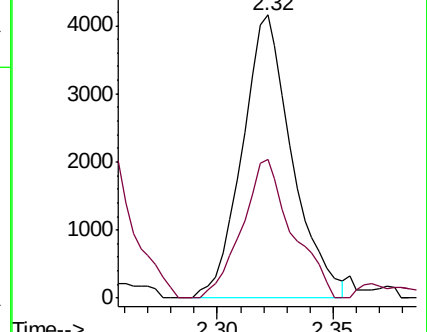
43 100

58 49.3 0.0 77.2



Abundance Ion 43.00 (42.70 to 43.70): VU032293.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032293.D (-370) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032312.D

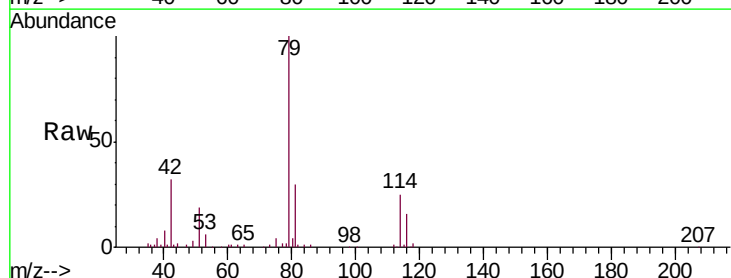
Acq: 24 May 2019 14:37

Tgt Ion: 75 Resp: 4694

Ion Ratio Lower Upper

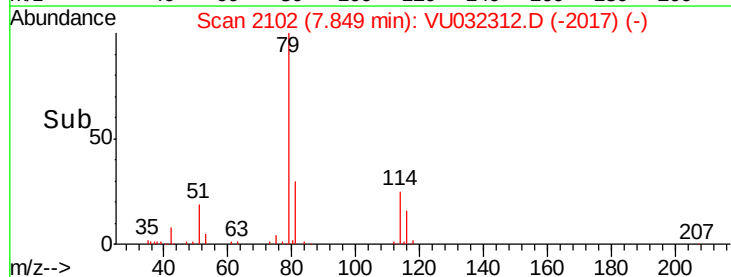
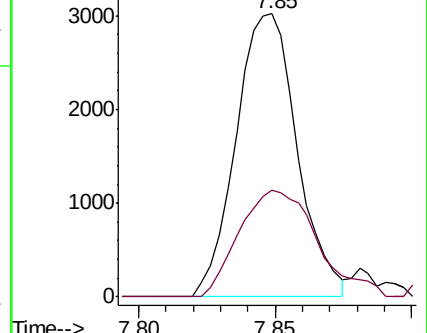
75 100

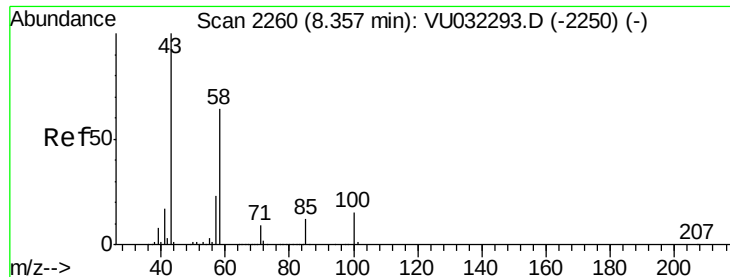
77 37.9 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU032293.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032293.D (-2090) (-)

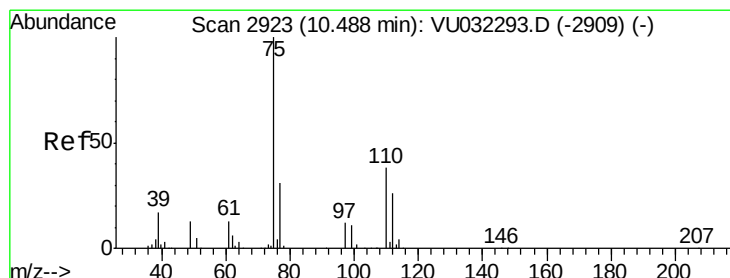
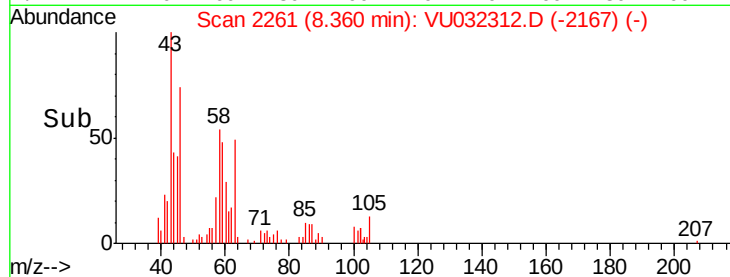
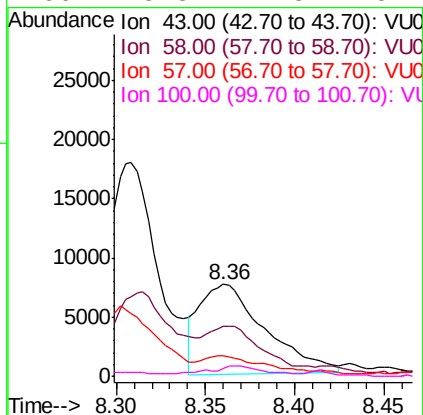
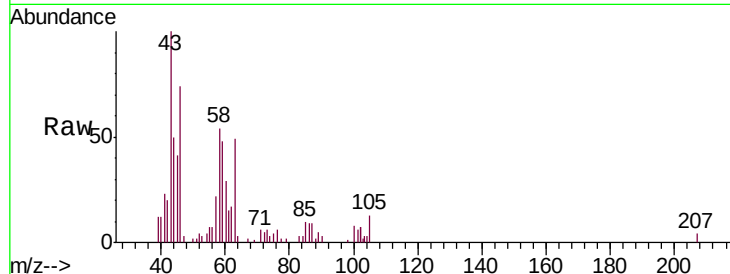




#48
 2-Hexanone
 Concen: 3.213 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032312.D
 Acq: 24 May 2019 14:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH5

Tgt Ion: 43 Resp: 19351
 Ion Ratio Lower Upper
 43 100
 58 0.0 51.4 77.0#
 57 15.4 17.8 26.8#
 100 5.3 12.8 19.2#



#59
 1,2,3-Trichloropropane
 Concen: 3.866 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032312.D
 Acq: 24 May 2019 14:37

Tgt Ion: 75 Resp: 31963
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.7 38.5

