

Data File : VU030828.D
Acq On : 07 Apr 2019 02:16
Operator : JC/SP
Sample : K2260-05RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ57

Quant Time: Apr 08 07:08:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475540	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189057	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	212737	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.68	69	166928	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.62%
11) 1,1-Dichloroethene-d2	2.27	63	294203	38.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.64%
21) 2-Butanone-d5	4.17	46	333917	99.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.64	84	317409	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.30	65	227931	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
32) Benzene-d6	5.34	84	664263	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.32	67	232486	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.60%
41) Toluene-d8	7.56	98	568292	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.85	79	97105	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.31	63	190035	88.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303498	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	187838	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2302	0.676	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2866	0.872	ug/L #	1
13) Acetone	2.32	43	5648	1.641	ug/L	91
17) trans-1,2-Dichloroethene	2.99	96	4617	1.323	ug/L #	75
20) cis-1,2-Dichloroethene	4.22	96	318652	82.684	ug/L	98
25) Chloroform	4.67	83	15687	2.167	ug/L	96
34) Trichloroethene	6.18	95	370284	97.871	ug/L	99
48) 2-Hexanone	8.31	43	24720	4.511	ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	24030	4.594	ug/L	91

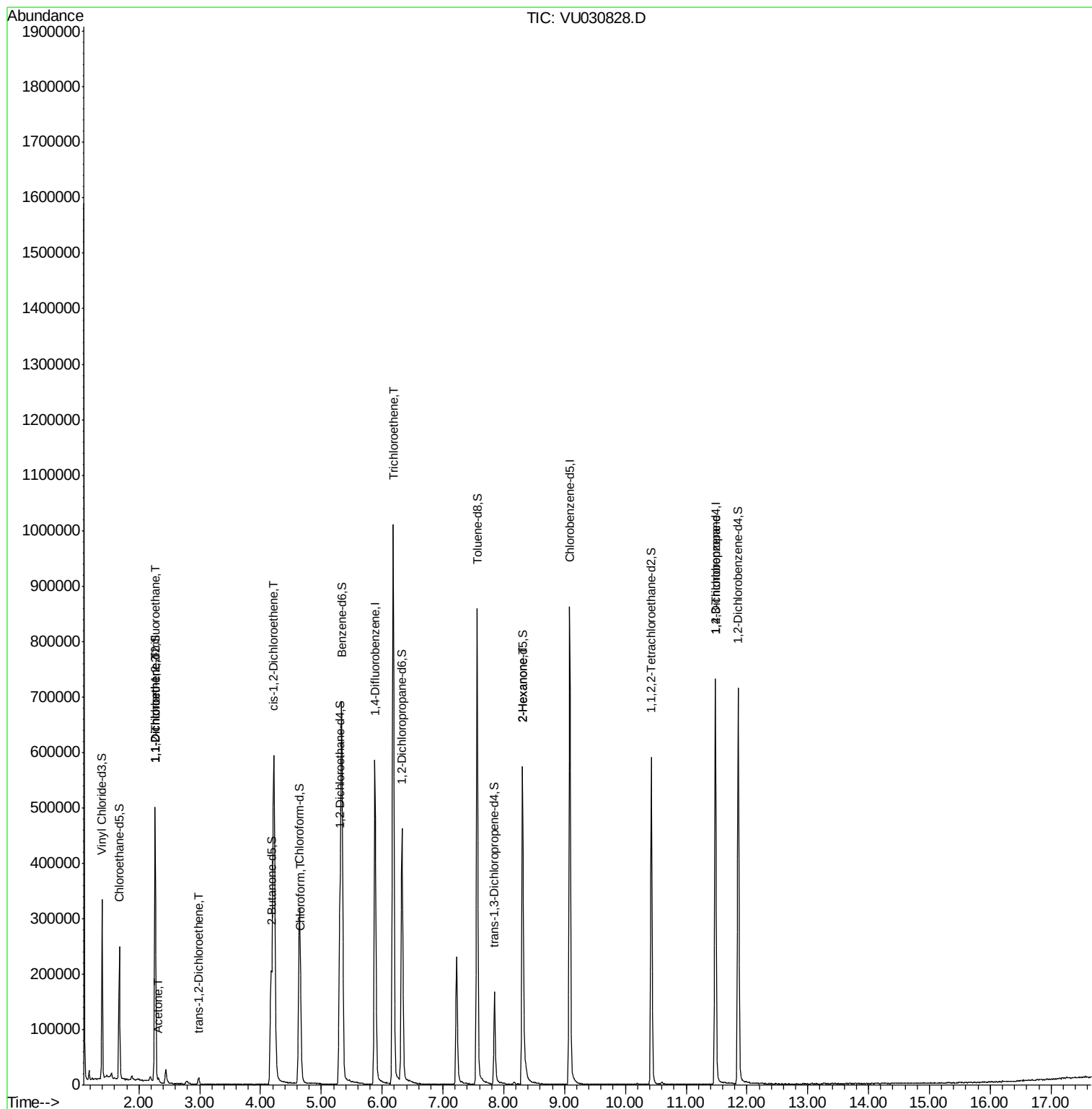
(#) = qualifier out of range (m) = manual integration (+) = signals summed

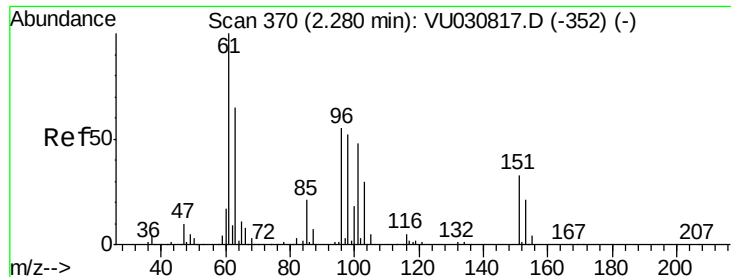
Data File : VU030828.D

```
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Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration





#10

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

Concen: 0.676 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 07 Apr 2019 02:16

Instrument :

MSVOA_U

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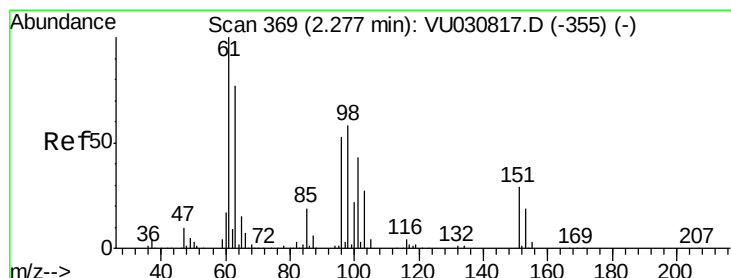
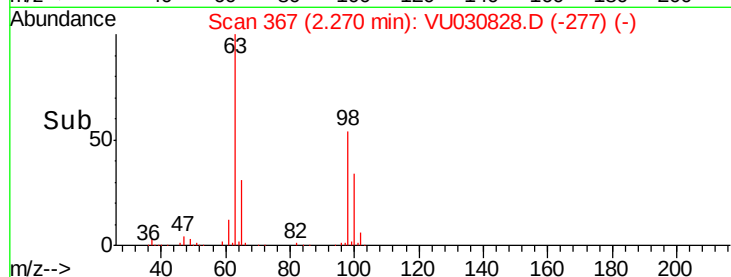
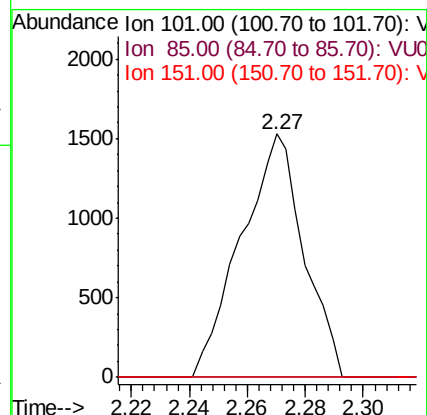
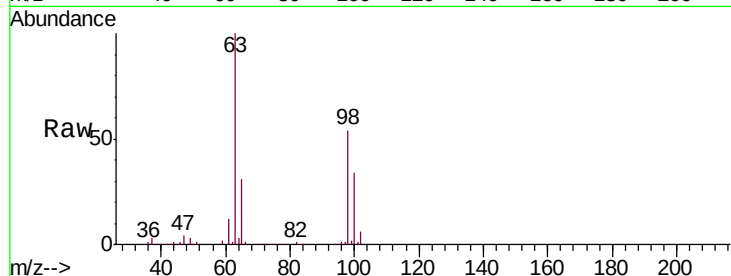
Tgt Ion: 101 Resp: 2302

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.872 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030828.D

Acq: 07 Apr 2019 02:16

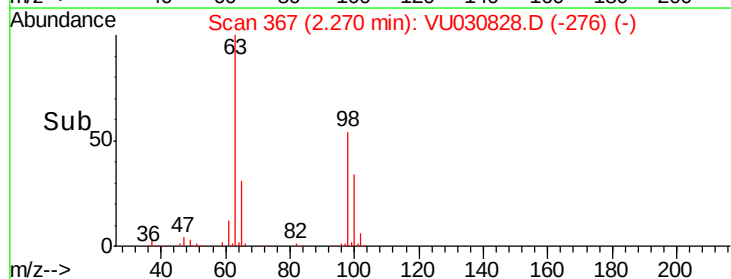
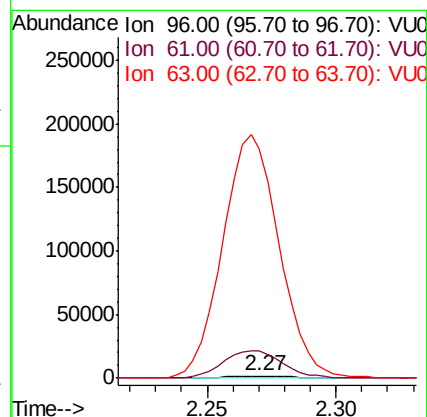
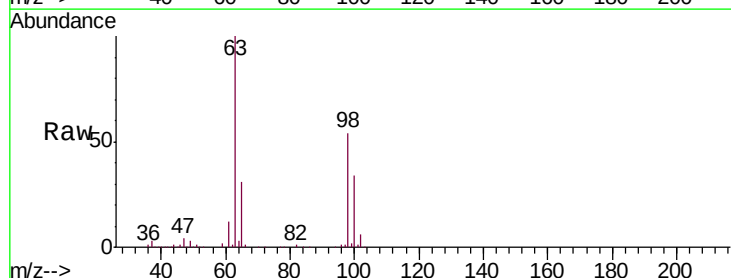
Tgt Ion: 96 Resp: 2866

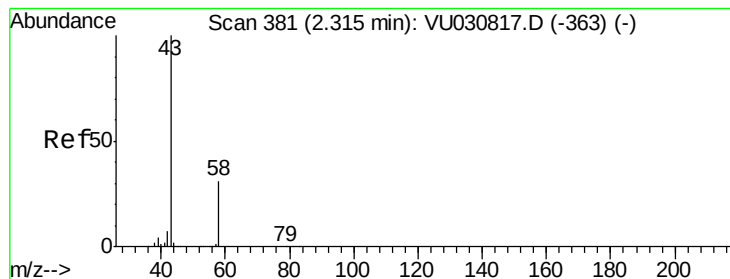
Ion Ratio Lower Upper

96 100

61 1337.4 132.0 245.2#

63 11469.7 90.9 168.9#





#13

Acetone

Concen: 1.641 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU030828.D

Acq: 07 Apr 2019 02:16

Instrument :

MSVOA_U

ClientSampleId :

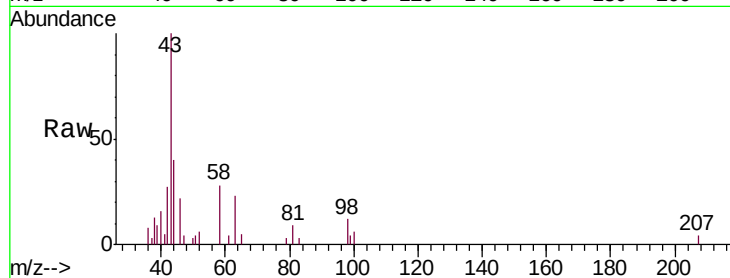
ETJ57

Tgt Ion: 43 Resp: 5648

Ion Ratio Lower Upper

43 100

58 26.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030817.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030817.D (-363) (-)

2.32

3000

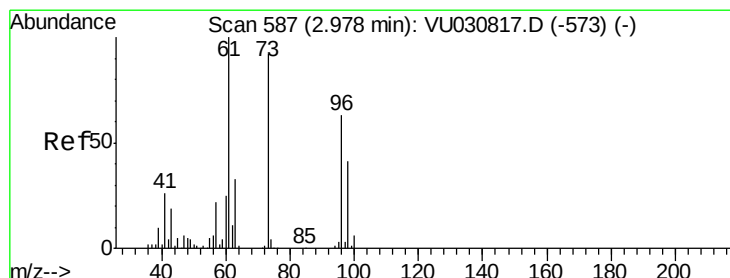
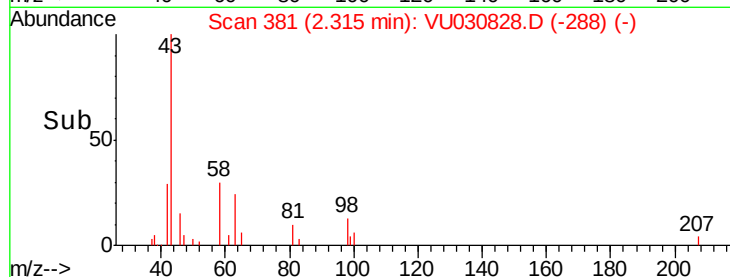
2000

1000

0

Time-->

2.30 2.35



#17

trans-1,2-Dichloroethene

Concen: 1.323 ug/L

RT: 2.99 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU030828.D

Acq: 07 Apr 2019 02:16

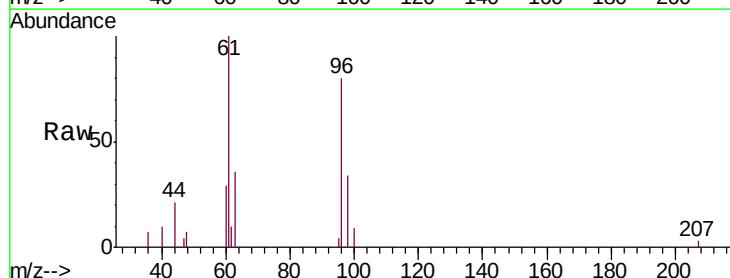
Tgt Ion: 96 Resp: 4617

Ion Ratio Lower Upper

96 100

61 124.9 109.5 203.3

98 43.1 44.0 81.6#



Abundance Ion 96.00 (95.70 to 96.70): VU030817.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU030817.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU030817.D (-573) (-)

2.99

5000

4000

3000

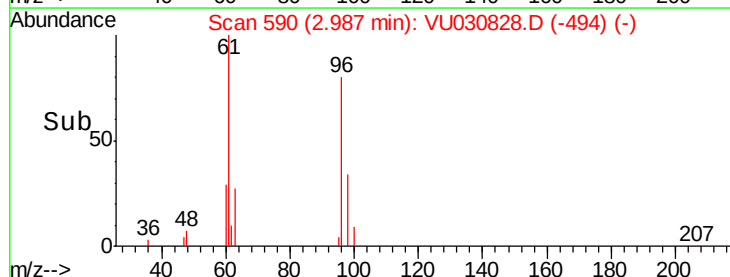
2000

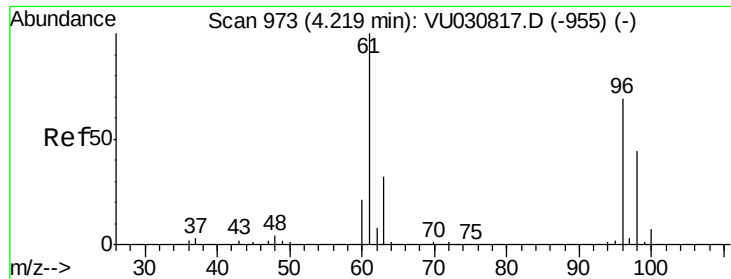
1000

0

Time-->

2.95 3.00

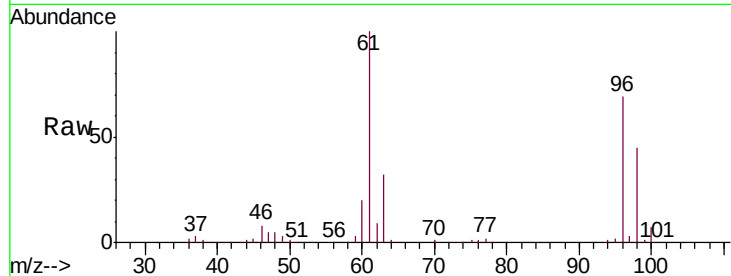




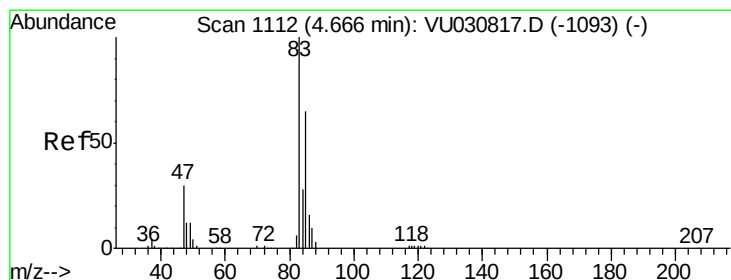
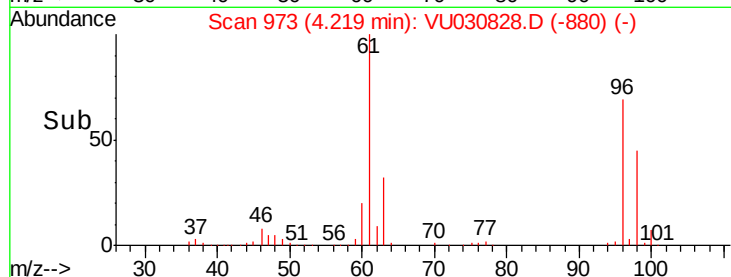
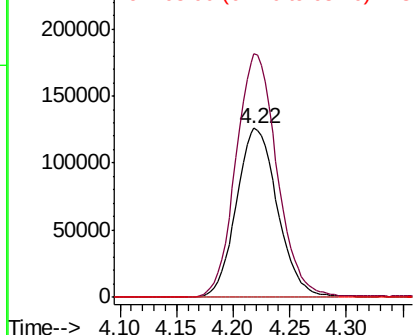
#20
 cis-1,2-Dichloroethene
 Concen: 82.684 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030828.D
 Acq: 07 Apr 2019 02:16

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ57

Tgt Ion: 96 Resp: 318652
 Ion Ratio Lower Upper
 96 100
 61 143.9 102.9 191.1
 68 0.0 0.0 0.0

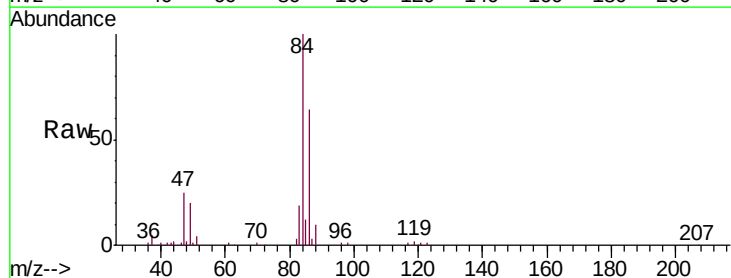


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

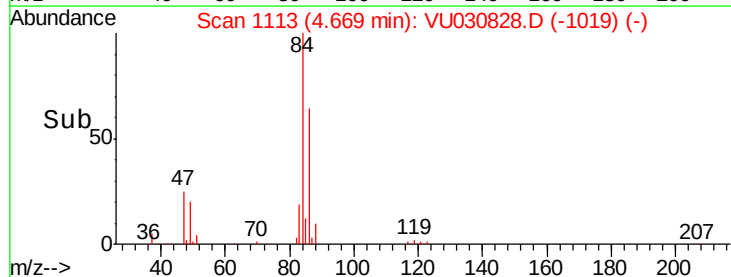
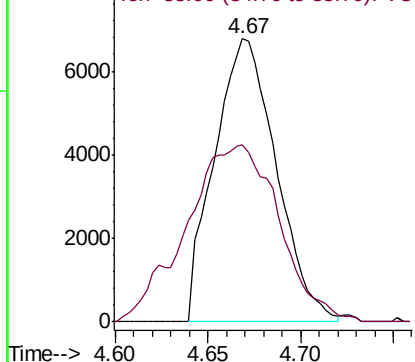


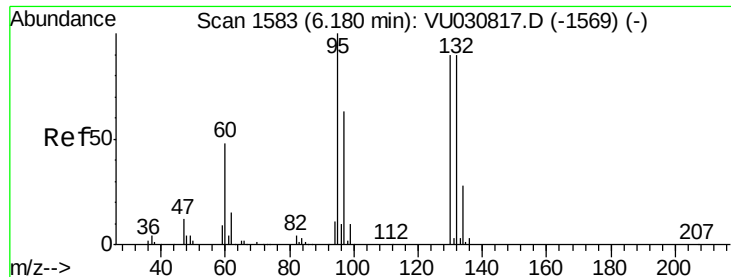
#25
 Chloroform
 Concen: 2.167 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU030828.D
 Acq: 07 Apr 2019 02:16

Tgt Ion: 83 Resp: 15687
 Ion Ratio Lower Upper
 83 100
 85 62.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 97.871 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030828.D

Acq: 07 Apr 2019 02:16

Instrument :

MSVOA_U

ClientSampleId :

ETJ57

Tgt Ion: 95 Resp: 370284

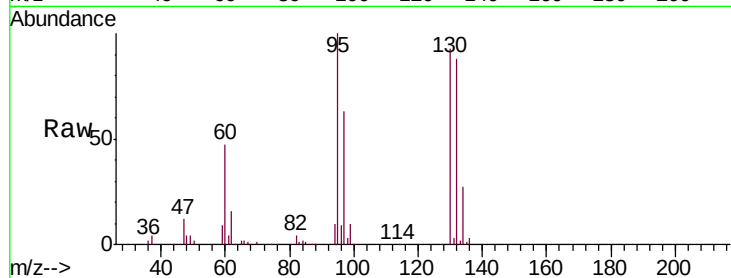
Ion Ratio Lower Upper

95 100

97 62.8 44.5 82.7

132 87.7 61.5 114.1

130 93.2 64.9 120.5



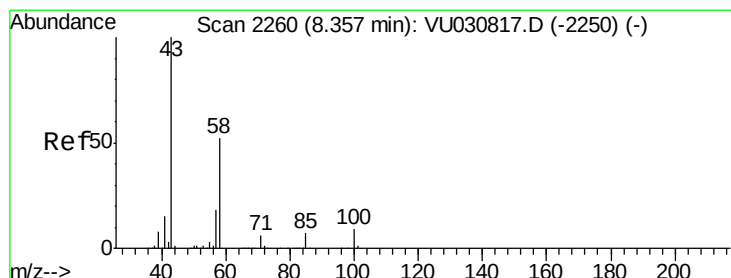
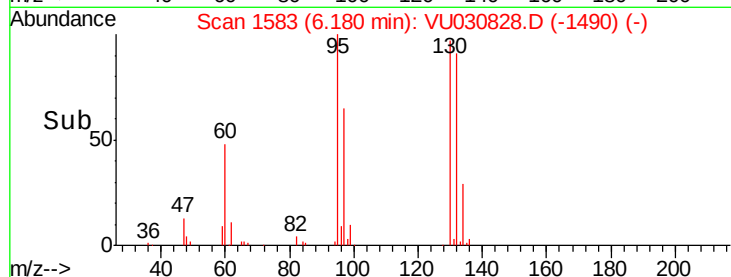
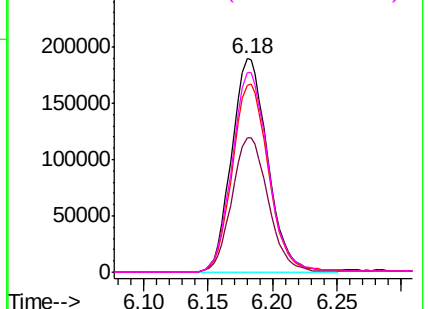
Abundance

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: 4.511 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU030828.D

Acq: 07 Apr 2019 02:16

Tgt Ion: 43 Resp: 24720

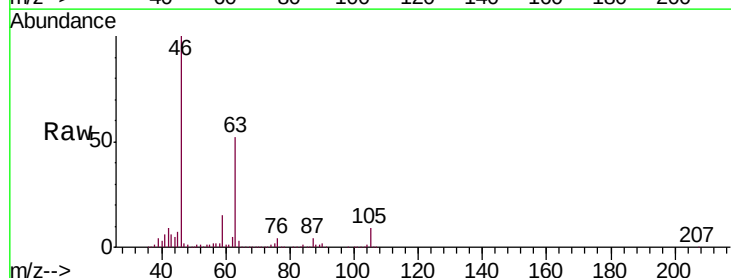
Ion Ratio Lower Upper

43 100

58 43.1 41.9 62.9

57 31.2 14.3 21.5#

100 1.7 7.1 10.7#



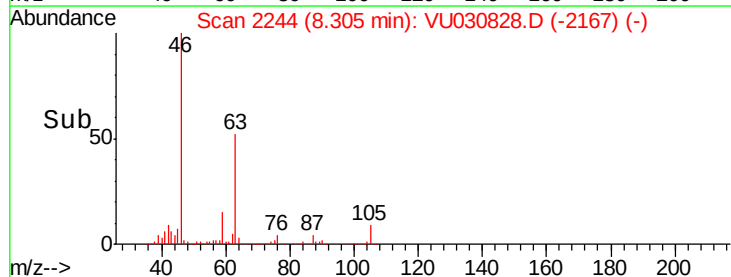
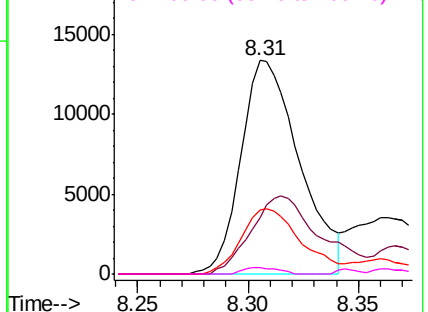
Abundance

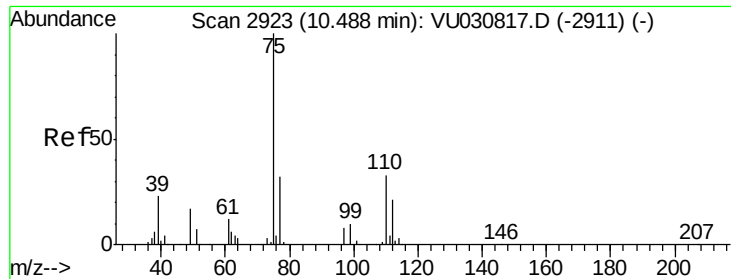
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.594 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030828.D

Acq: 07 Apr 2019 02:16

Instrument :

MSVOA_U

ClientSampleId :

ETJ57

Tgt Ion: 75 Resp: 24030

Ion Ratio Lower Upper

75 100

77 37.8 26.1 39.1

