

Data File : VU030323.D
Acq On : 22 Mar 2019 21:00
Operator : JC/SP
Sample : K2048-08 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A0

Quant Time: Mar 23 04:41:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	529864	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	513690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134776	37.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.24%
7) Chloroethane-d5	1.68	69	121306	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.68%
11) 1,1-Dichloroethene-d2	2.27	63	193109	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
21) 2-Butanone-d5	4.17	46	254094	95.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.60%
24) Chloroform-d	4.65	84	282307	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
26) 1,2-Dichloroethane-d4	5.31	65	167836	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
32) Benzene-d6	5.34	84	592678	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
36) 1,2-Dichloropropane-d6	6.33	67	192597	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.96%
41) Toluene-d8	7.56	98	522005	41.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.02%
43) trans-1,3-Dichloropropene-	7.85	79	81850	40.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.26%
47) 2-Hexanone-d5	8.31	63	202222	93.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294793	45.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	217605	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%

Target Compounds

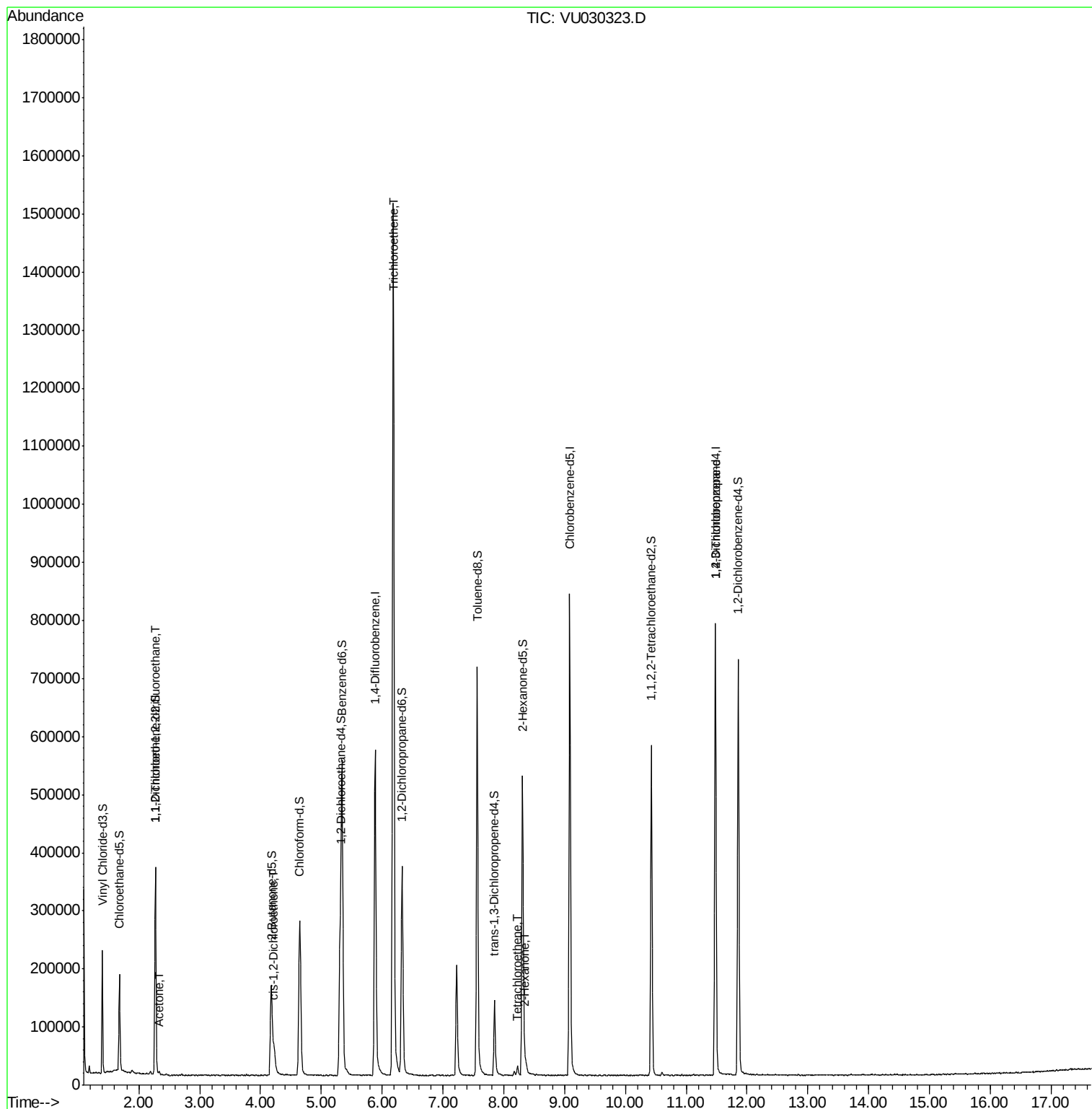
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2297	0.645 ug/L #	19
13) Acetone	2.32	43	1512	0.544 ug/L	83
20) cis-1,2-Dichloroethene	4.23	96	20708	5.073 ug/L	98
34) Trichloroethene	6.18	95	551016	141.058 ug/L	99
46) Tetrachloroethene	8.23	164	4506	1.365 ug/L	85
48) 2-Hexanone	8.36	43	4857	1.122 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	23494	4.580 ug/L	95

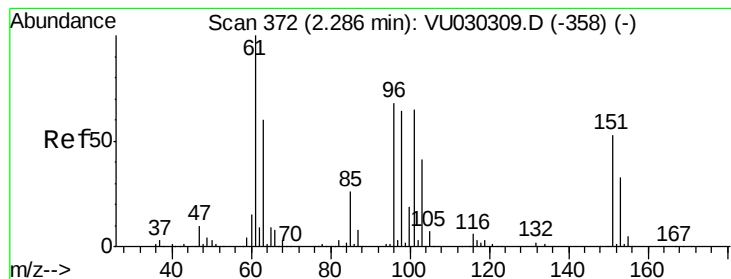
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030323.D
Acq On : 22 Mar 2019 21:00
Operator : JC/SP
Sample : K2048-08 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A0

Quant Time: Mar 23 04:41:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration





#10

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

Concen: 0.645 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030323.D

Acq: 22 Mar 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

BF1A0

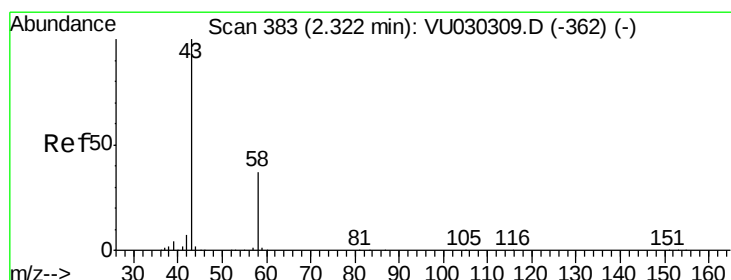
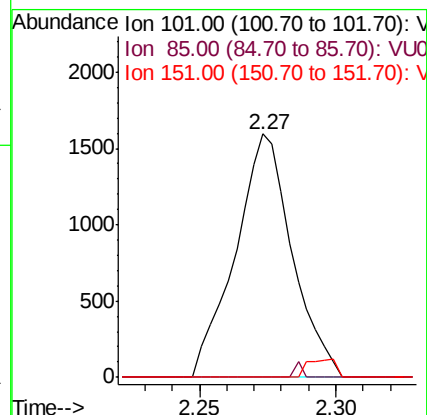
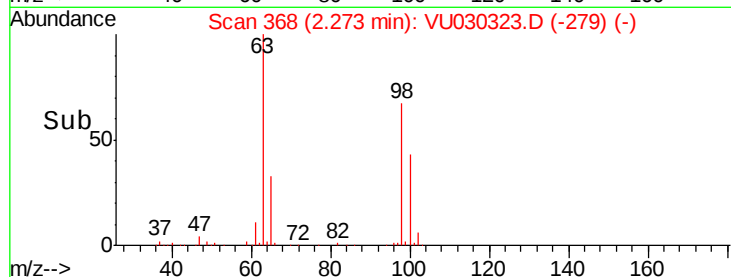
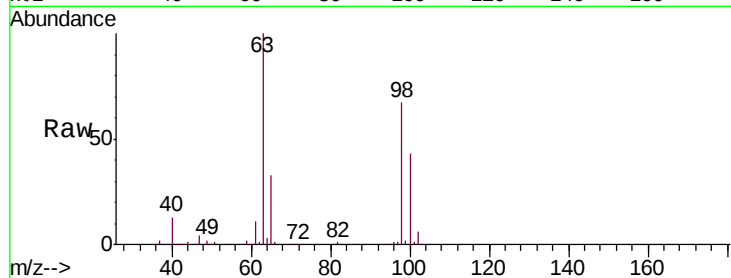
Tgt Ion: 101 Resp: 2297

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 1.9 64.7 97.1#



#13

Acetone

Concen: 0.544 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030323.D

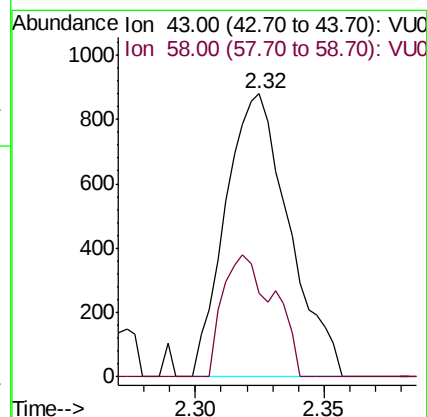
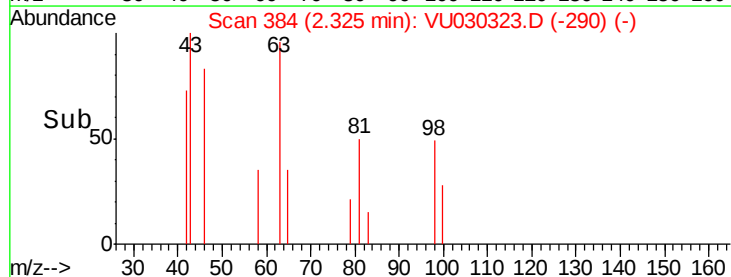
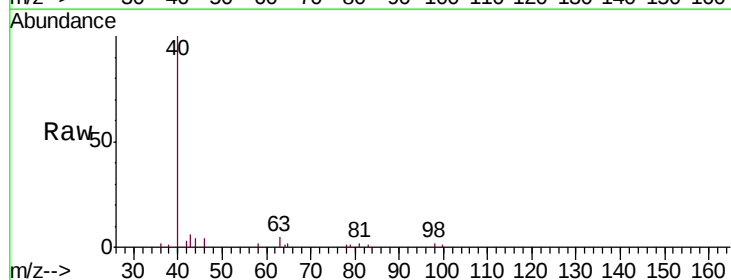
Acq: 22 Mar 2019 21:00

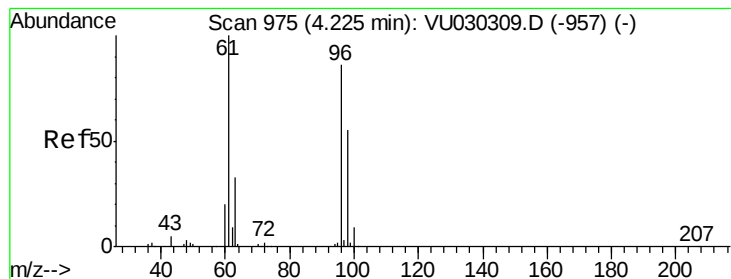
Tgt Ion: 43 Resp: 1512

Ion Ratio Lower Upper

43 100

58 26.5 0.0 73.4





#20

cis-1,2-Dichloroethene

Concen: 5.073 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.00 min

Lab File: VU030323.D

Acq: 22 Mar 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

BF1A0

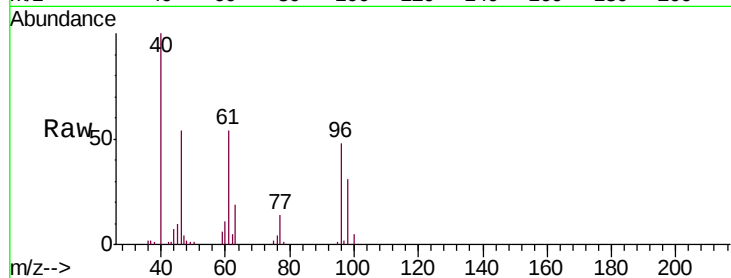
Tgt Ion: 96 Resp: 20708

Ion Ratio Lower Upper

96 100

61 113.7 81.5 151.3

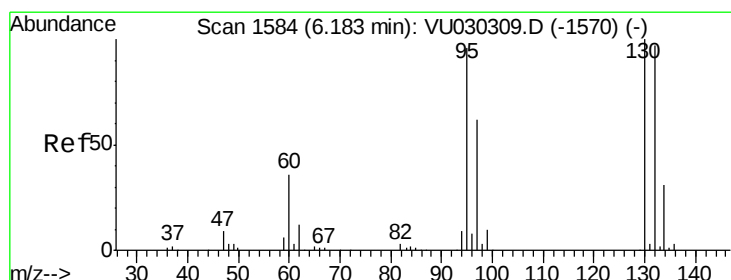
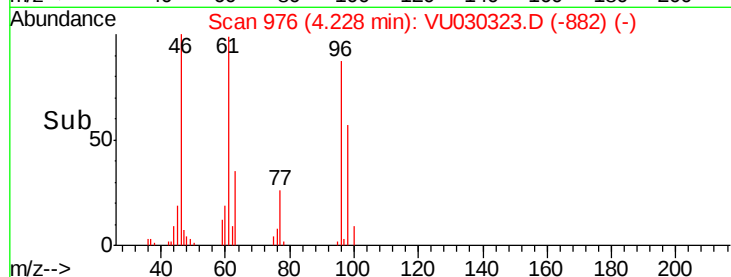
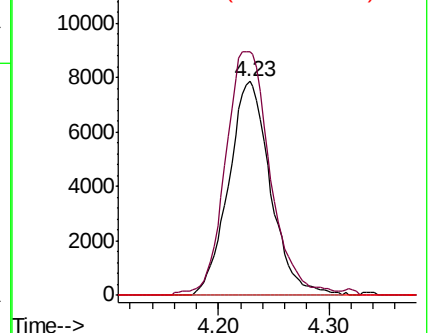
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030309.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU030309.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU030309.D (-957) (-)



#34

Trichloroethene

Concen: 141.058 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030323.D

Acq: 22 Mar 2019 21:00

Tgt Ion: 95 Resp: 551016

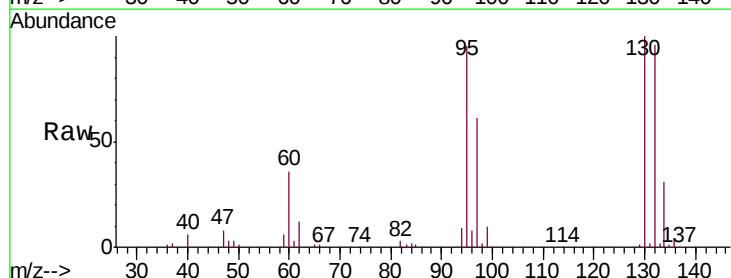
Ion Ratio Lower Upper

95 100

97 64.5 46.2 85.8

132 100.8 69.3 128.7

130 104.9 73.6 136.6

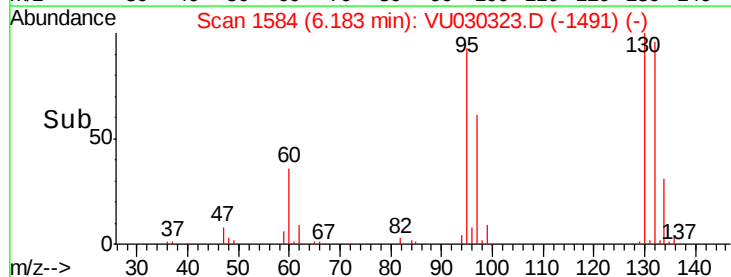
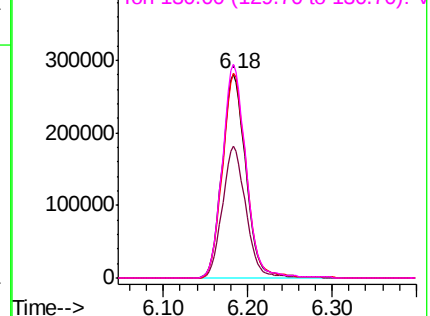


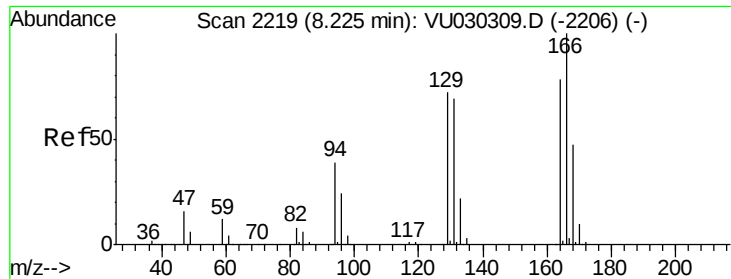
Abundance Ion 95.00 (94.70 to 95.70): VU030309.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030309.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030309.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030309.D (-1570) (-)





#46

Tetrachloroethene

Concen: 1.365 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU030323.D

Acq: 22 Mar 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

BF1A0

Tgt Ion:164 Resp: 4506

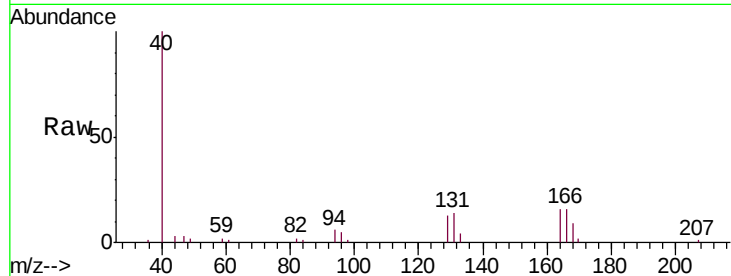
Ion Ratio Lower Upper

164 100

129 78.5 64.4 119.6

131 86.0 63.2 117.4

166 100.6 89.5 166.1

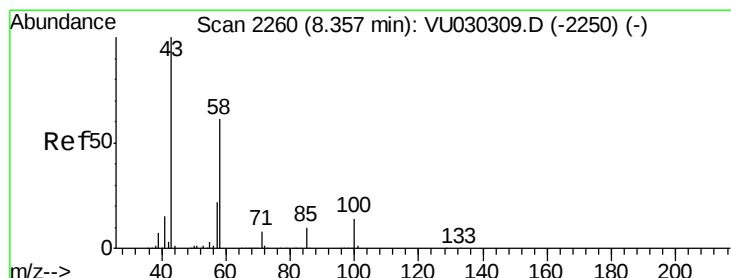
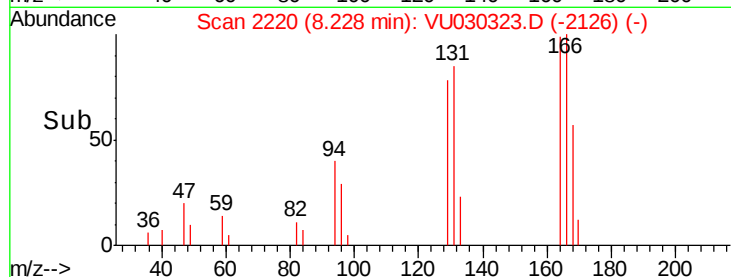
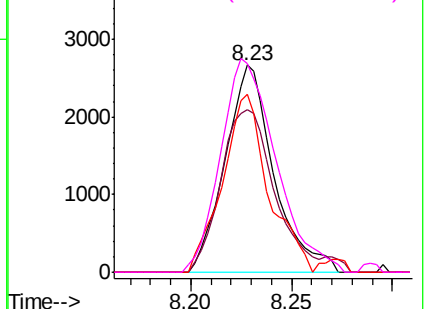


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 1.122 ug/L

RT: 8.36 min Scan# 2260

Delta R.T. -0.00 min

Lab File: VU030323.D

Acq: 22 Mar 2019 21:00

Tgt Ion: 43 Resp: 4857

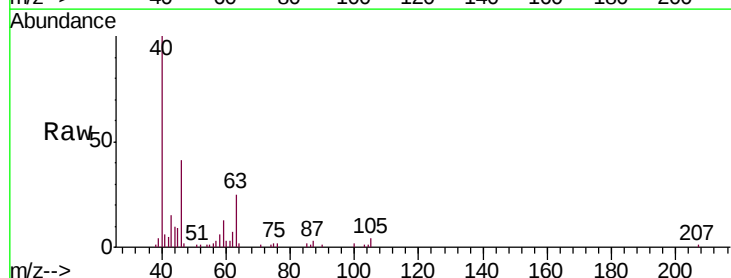
Ion Ratio Lower Upper

43 100

58 52.1 49.3 73.9

57 3.3 17.0 25.4#

100 6.0 11.0 16.4#

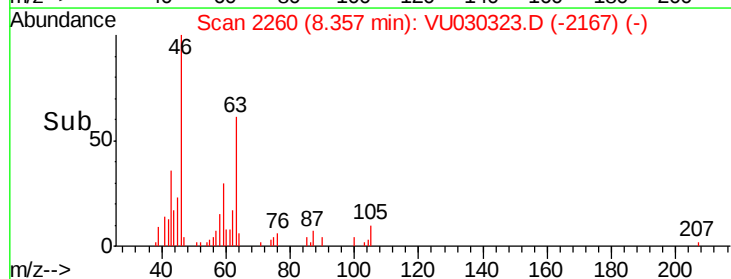
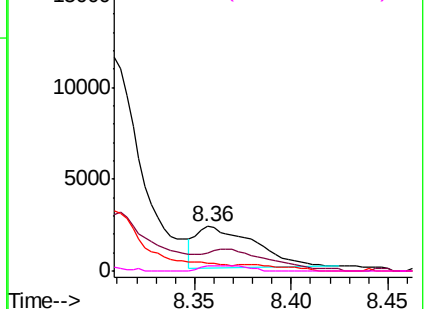


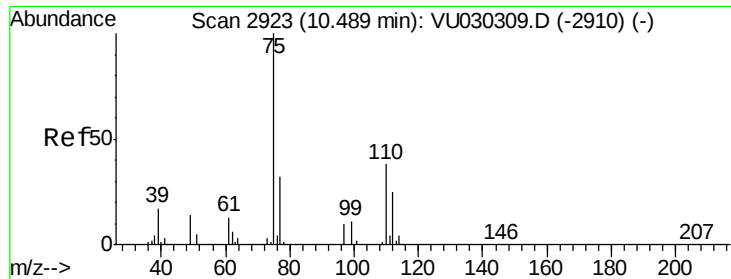
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 4.580 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030323.D

Acq: 22 Mar 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

BF1A0

Tgt Ion: 75 Resp: 23494

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.8

