

Data File : VU031602.D
Acq On : 29 Apr 2019 22:07
Operator : JC/SP
Sample : K2592-06 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COWZ7

Quant Time: Apr 30 04:53:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	634728	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	616927	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	342913	64.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	129.10%
7) Chloroethane-d5	1.68	69	245747	59.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.72%
11) 1,1-Dichloroethene-d2	2.27	63	471667	44.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.18%
21) 2-Butanone-d5	4.19	46	543718	112.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.97%
24) Chloroform-d	4.64	84	512819	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.42%
26) 1,2-Dichloroethane-d4	5.31	65	350584	55.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.32%
32) Benzene-d6	5.34	84	1006105	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.22%
36) 1,2-Dichloropropane-d6	6.32	67	355402	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.64%
41) Toluene-d8	7.56	98	817535	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%
43) trans-1,3-Dichloropropene-	7.85	79	133160	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.31	63	292942	101.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	447345	50.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	249666	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.88	101	8914	0.990 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3489	0.686 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3445	0.696 ug/L #	1
13) Acetone	2.34	43	5001	0.922 ug/L	70
34) Trichloroethene	6.18	95	514031	93.491 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	5682	0.736 ug/L	89
46) Tetrachloroethene	8.22	164	21490	5.733 ug/L	99
48) 2-Hexanone	8.37	43	20634	2.575 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	32117	4.207 ug/L	92

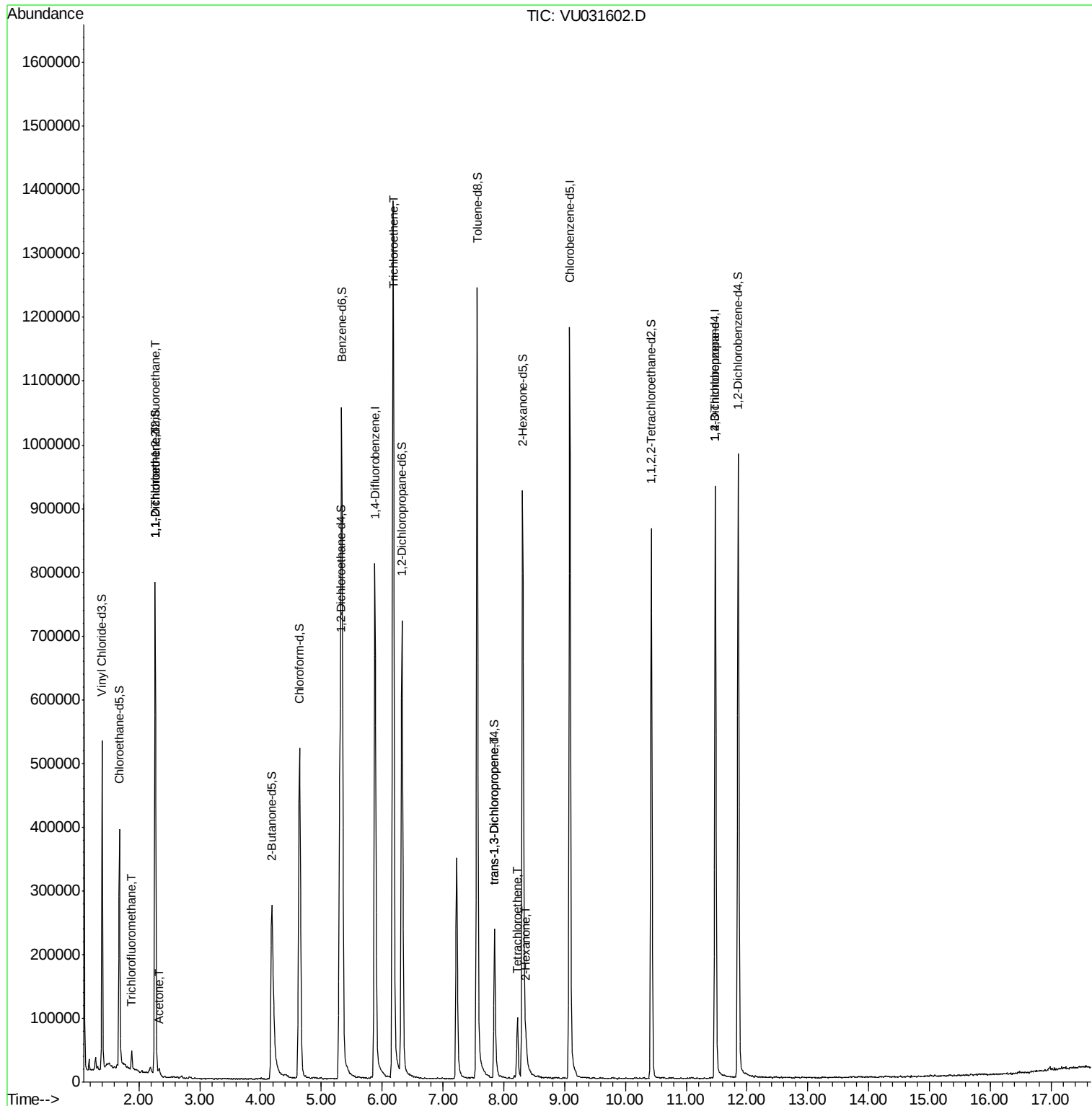
(#) = qualifier out of range (m) = manual integration (+) = signals summed

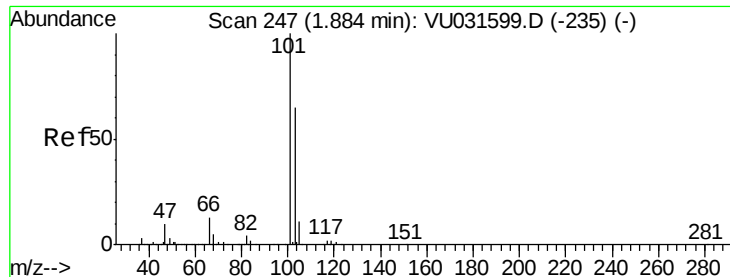
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Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.990 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031602.D

Acq: 29 Apr 2019 22:07

Instrument :

MSVOA_U

ClientSampleId :

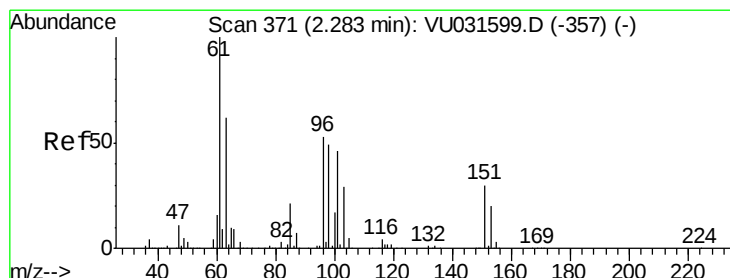
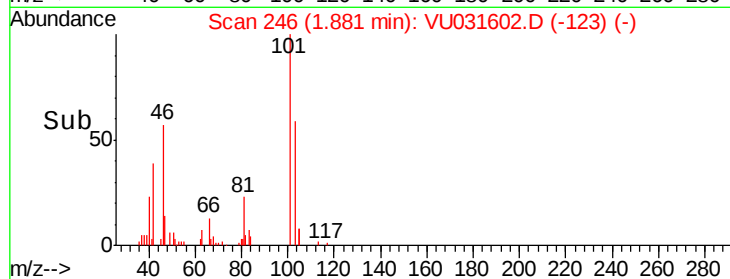
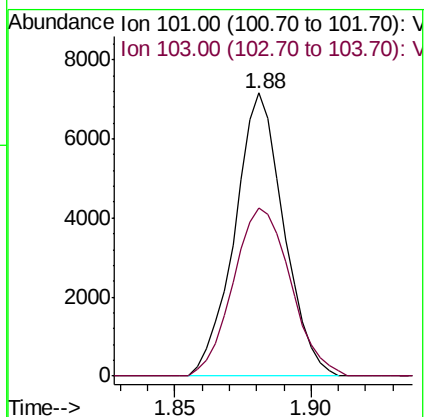
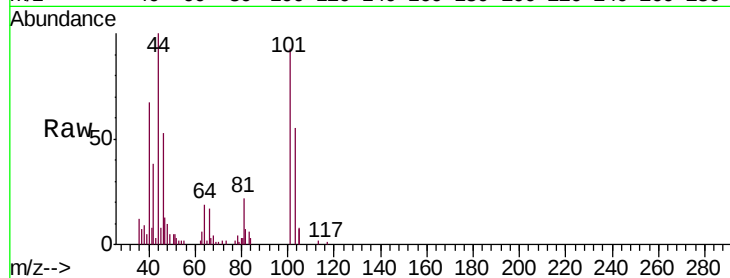
C0WZ7

Tgt Ion:101 Resp: 8914

Ion Ratio Lower Upper

101 100

103 69.8 50.8 76.2



#10

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

Concen: 0.686 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031602.D

Acq: 29 Apr 2019 22:07

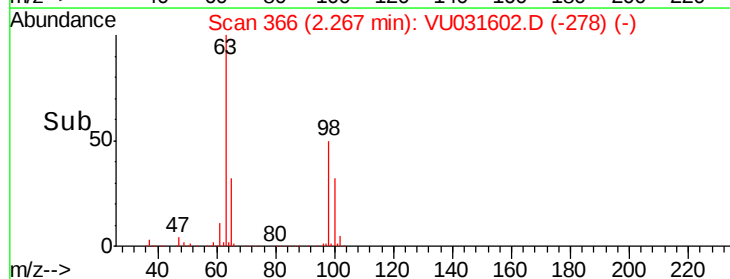
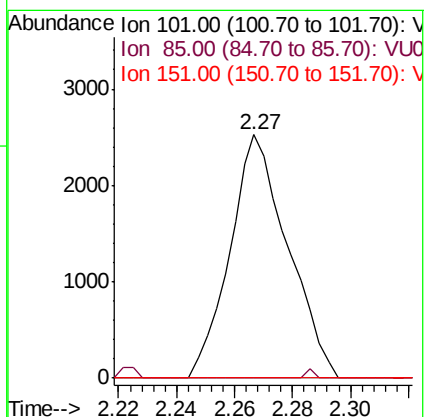
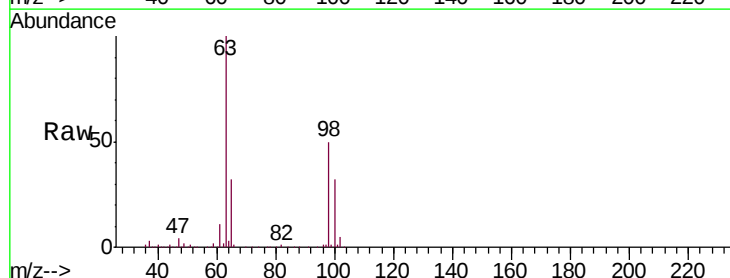
Tgt Ion:101 Resp: 3489

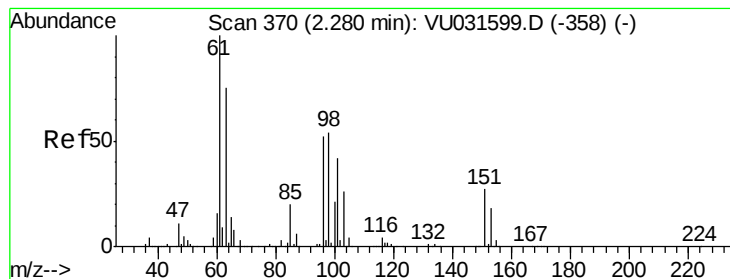
Ion Ratio Lower Upper

101 100

85 1.2 36.1 54.1#

151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.696 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031602.D

Acq: 29 Apr 2019 22:07

Instrument :

MSVOA_U

ClientSampleId :

COWZ7

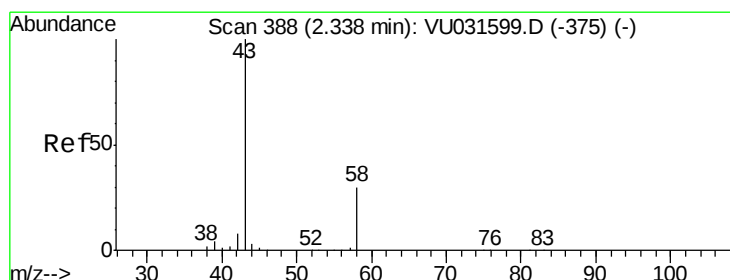
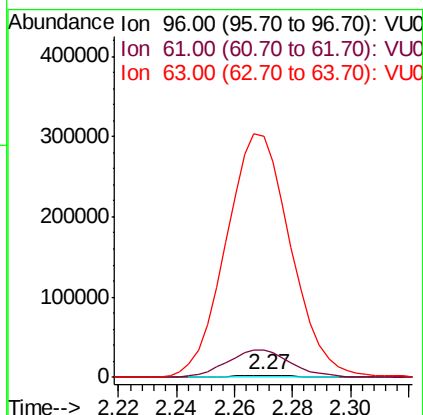
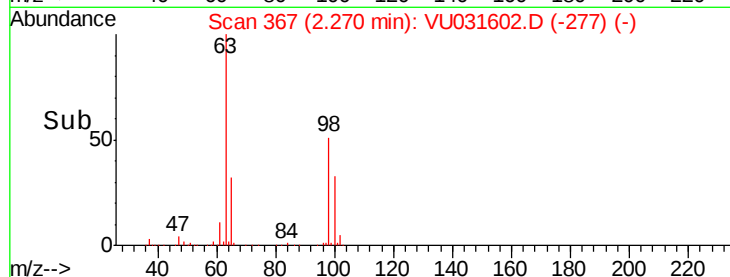
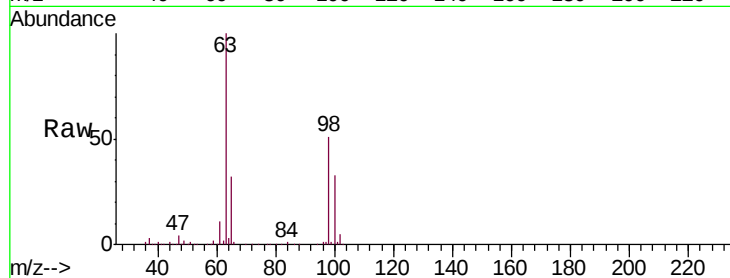
Tgt Ion: 96 Resp: 3445

Ion Ratio Lower Upper

96 100

61 1467.9 135.0 250.6#

63 13076.0 103.5 192.3#



#13

Acetone

Concen: 0.922 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031602.D

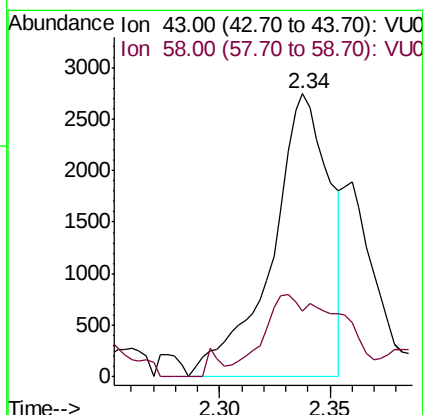
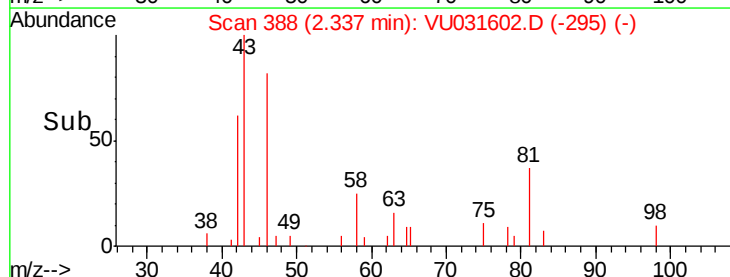
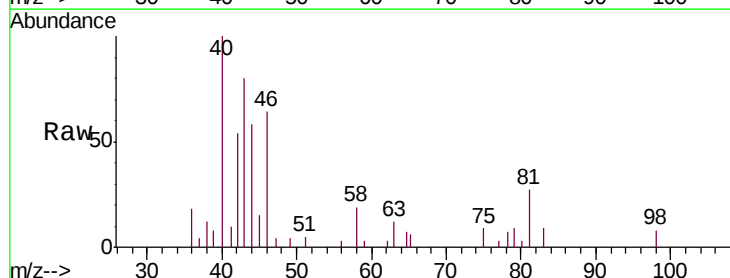
Acq: 29 Apr 2019 22:07

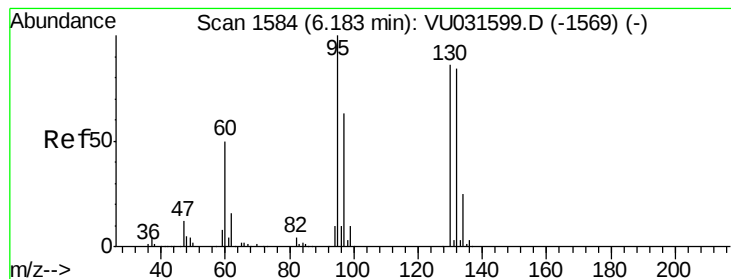
Tgt Ion: 43 Resp: 5001

Ion Ratio Lower Upper

43 100

58 15.2 0.0 64.4





#34

Trichloroethene

Concen: 93.491 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031602.D

Acq: 29 Apr 2019 22:07

Instrument :

MSVOA_U

ClientSampleId :

C0WZ7

Tgt Ion: 95 Resp: 514031

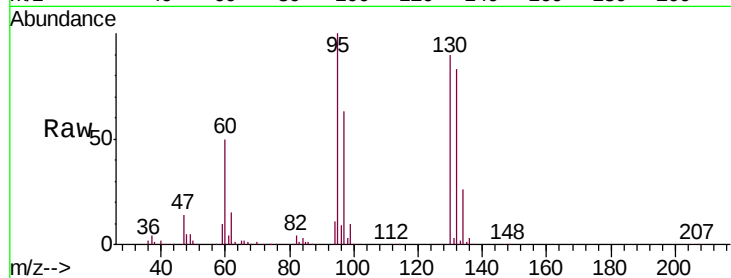
Ion Ratio Lower Upper

95 100

97 63.4 44.8 83.2

132 83.2 63.1 117.1

130 89.9 66.5 123.5

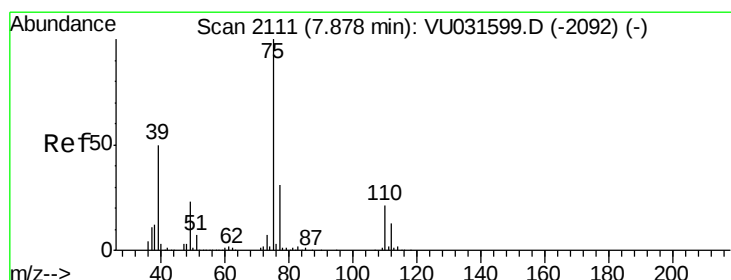
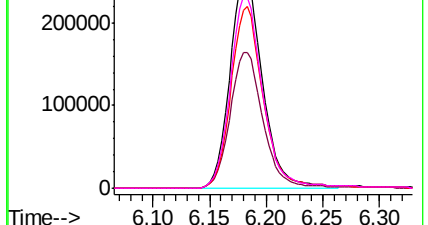
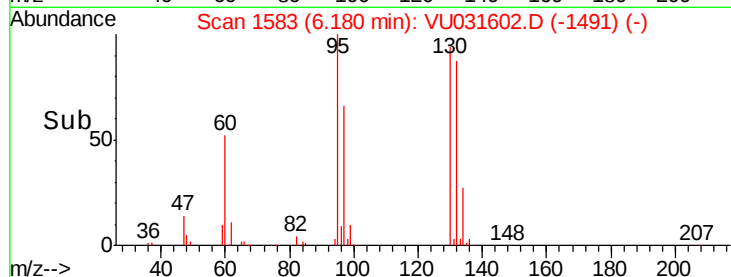


Abundance Ion 95.00 (94.70 to 95.70): VU031599.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031599.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031599.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031599.D (-1569) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.736 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031602.D

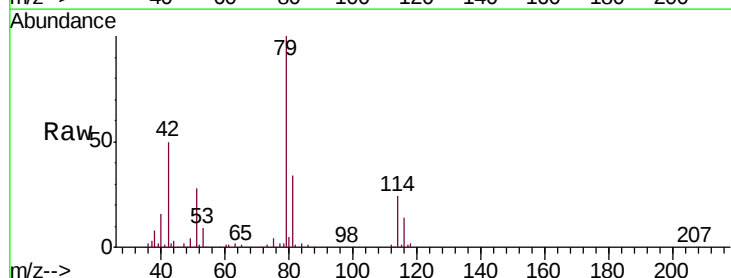
Acq: 29 Apr 2019 22:07

Tgt Ion: 75 Resp: 5682

Ion Ratio Lower Upper

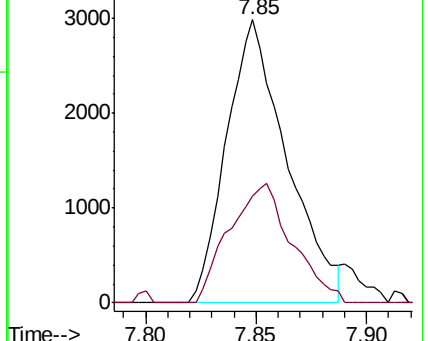
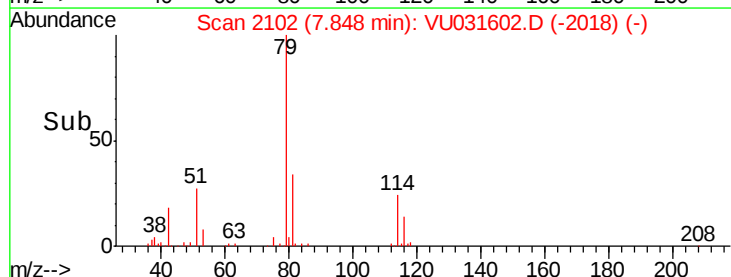
75 100

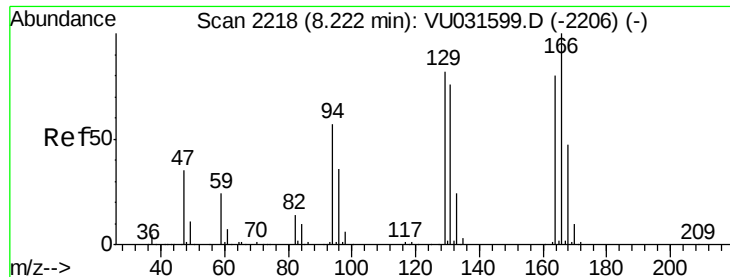
77 37.7 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031599.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031599.D (-2092) (-)





#46

Tetrachloroethene

Concen: 5.733 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031602.D

Acq: 29 Apr 2019 22:07

Instrument :

MSVOA_U

ClientSampleId :

C0WZ7

Tgt Ion:164 Resp: 21490

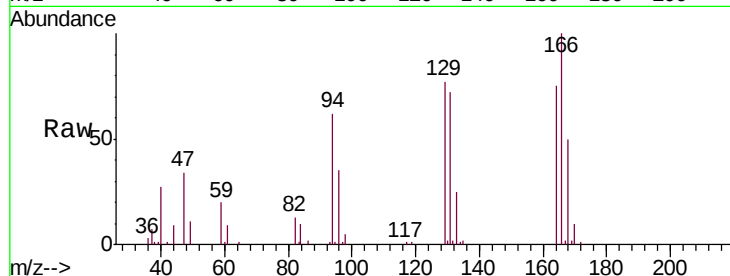
Ion Ratio Lower Upper

164 100

129 101.9 71.5 132.9

131 96.3 69.0 128.2

166 133.1 93.7 173.9

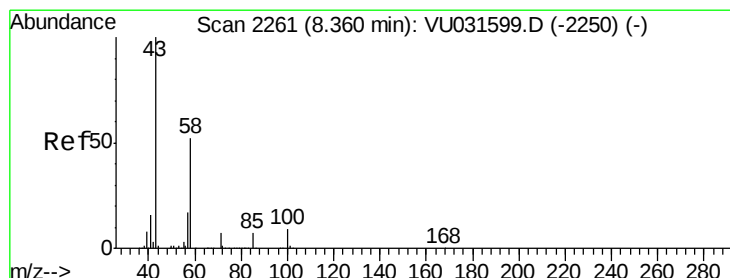
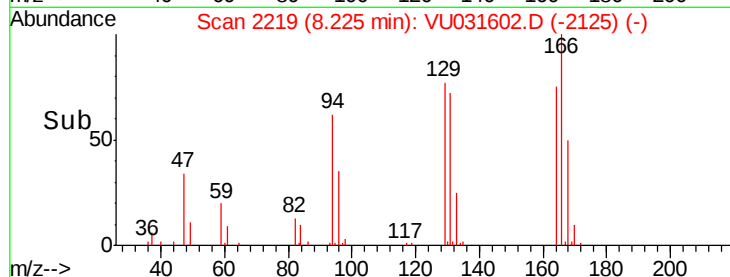
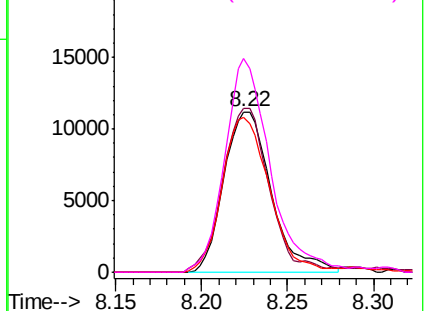


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.575 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031602.D

Acq: 29 Apr 2019 22:07

Tgt Ion: 43 Resp: 20634

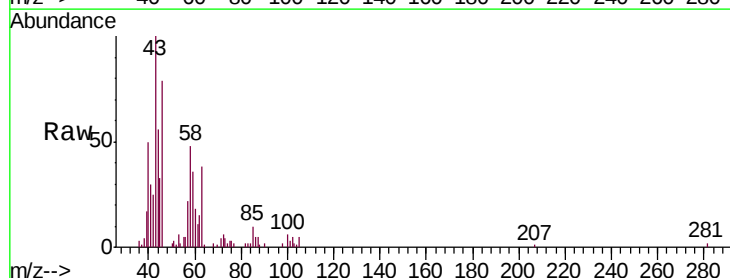
Ion Ratio Lower Upper

43 100

58 64.2 42.1 63.1#

57 14.7 14.6 22.0

100 0.7 7.2 10.8#

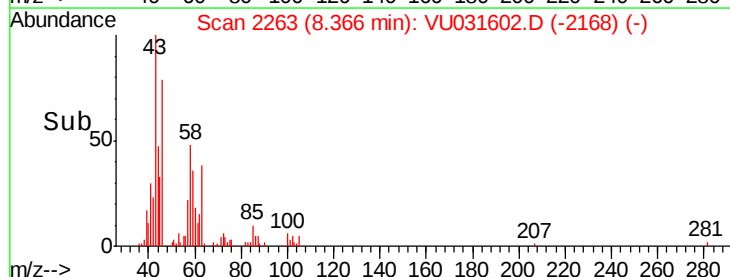
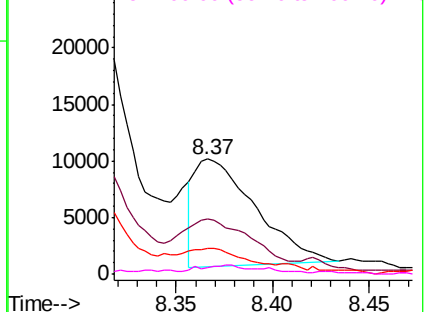


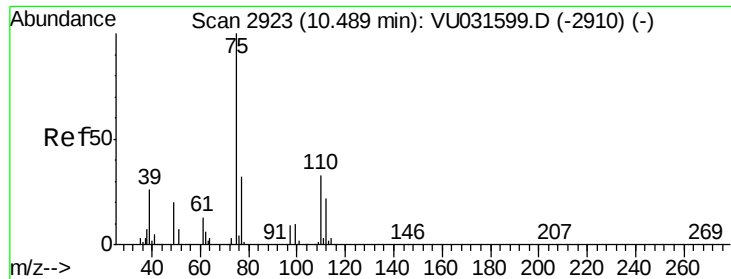
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 4.207 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031602.D

Acq: 29 Apr 2019 22:07

Instrument :

MSVOA_U

ClientSampleId :

C0WZ7

Tgt Ion: 75 Resp: 32117

Ion Ratio Lower Upper

75 100

77 36.9 25.9 38.9

