

Data File : VU031605.D
Acq On : 29 Apr 2019 23:17
Operator : JC/SP
Sample : K2592-18 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X84

Quant Time: Apr 30 04:53:47 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	629344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	605872	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	338469	64.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.52%
7) Chloroethane-d5	1.68	69	245110	60.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.44%
11) 1,1-Dichloroethene-d2	2.27	63	469052	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
21) 2-Butanone-d5	4.18	46	531181	111.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.31%
24) Chloroform-d	4.76	84	460	0.05	ug/L	0.12
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.10%#
26) 1,2-Dichloroethane-d4	5.31	65	353365	56.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.14%
32) Benzene-d6	5.34	84	1010841	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.66%
36) 1,2-Dichloropropane-d6	6.32	67	355537	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.64%
41) Toluene-d8	7.56	98	825867	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%
43) trans-1,3-Dichloropropene-	7.85	79	137183	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
47) 2-Hexanone-d5	8.31	63	294384	103.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	443101	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	246904	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

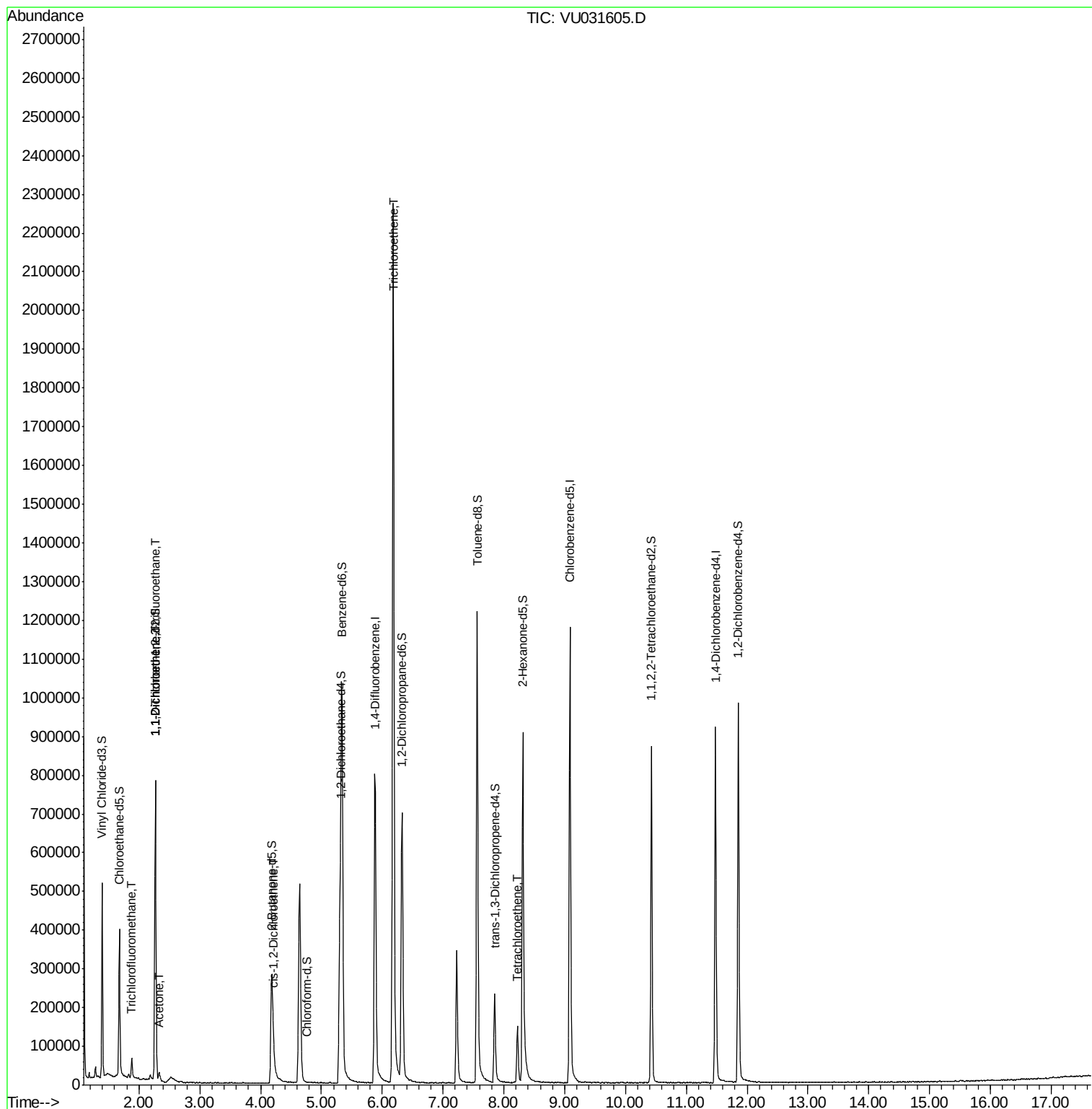
					Qvalue
9) Trichlorofluoromethane	1.88	101	24502	2.746 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3576	0.709 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3201	0.652 ug/L #	1
13) Acetone	2.33	43	19200	3.572 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	3860	0.703 ug/L	83
34) Trichloroethene	6.18	95	845792	156.638 ug/L	96
46) Tetrachloroethene	8.22	164	31261	8.492 ug/L	97

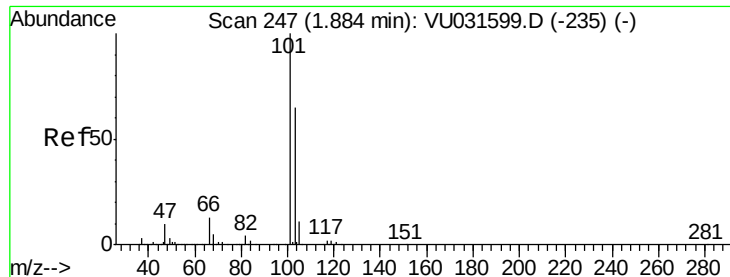
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.746 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

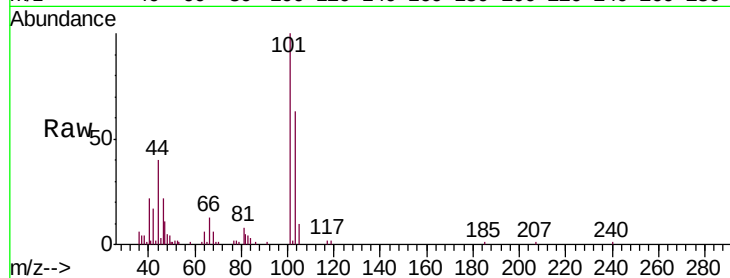
C0X84

Tgt Ion:101 Resp: 24502

Ion Ratio Lower Upper

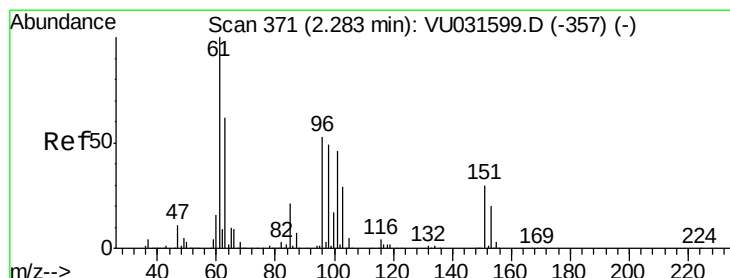
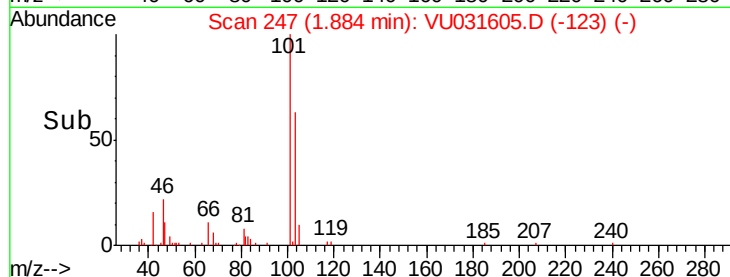
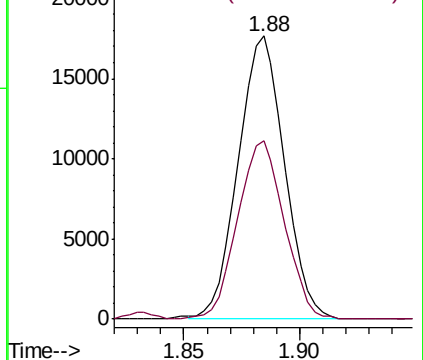
101 100

103 63.5 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.709 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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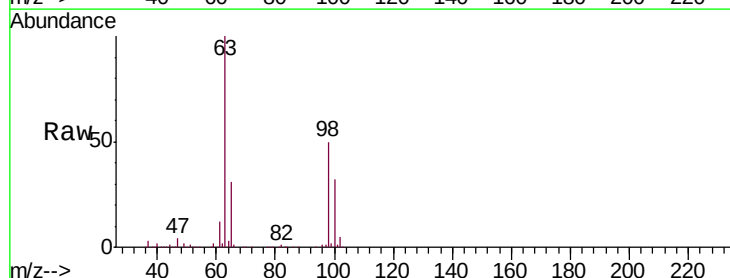
Tgt Ion:101 Resp: 3576

Ion Ratio Lower Upper

101 100

85 1.3 36.1 54.1#

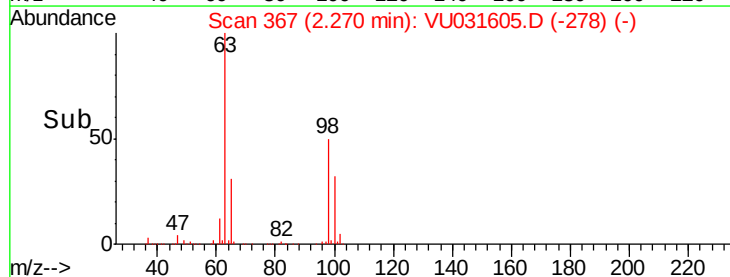
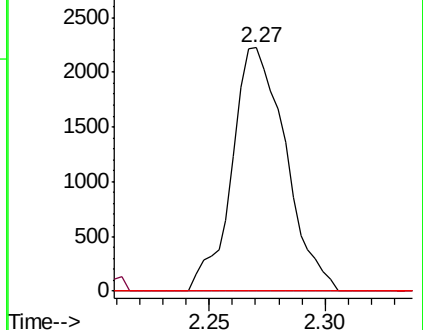
151 0.0 56.1 84.1#

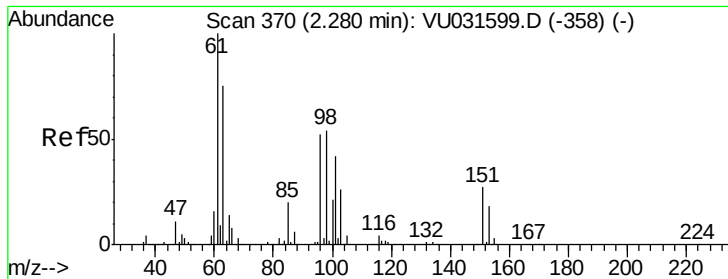


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

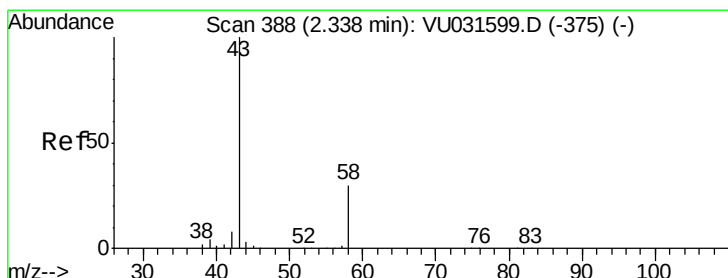
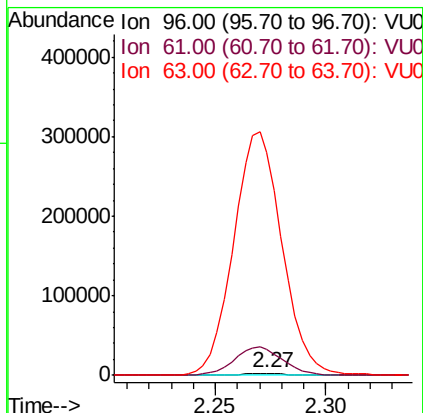
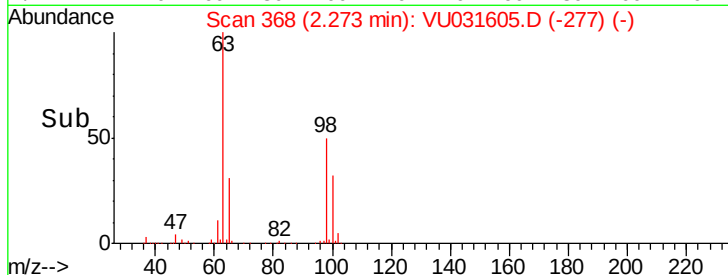
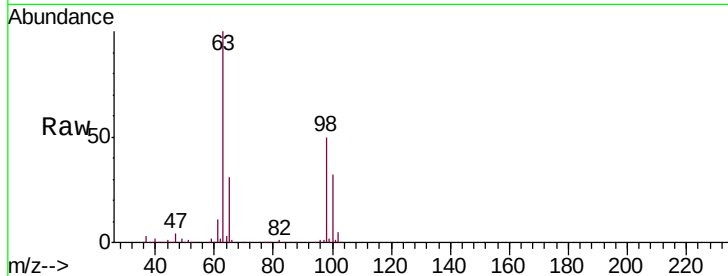




#12
 1,1-Dichloroethene
 Concen: 0.652 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031605.D
 Acq: 29 Apr 2019 23:17

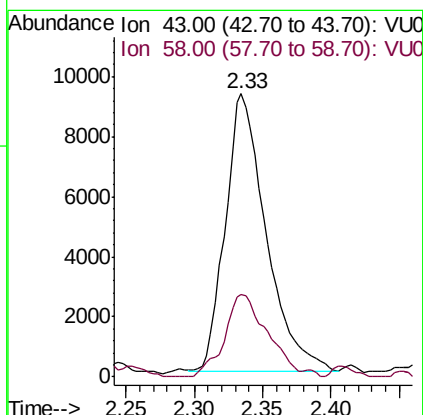
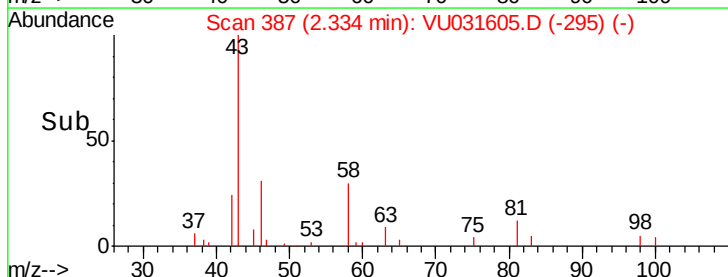
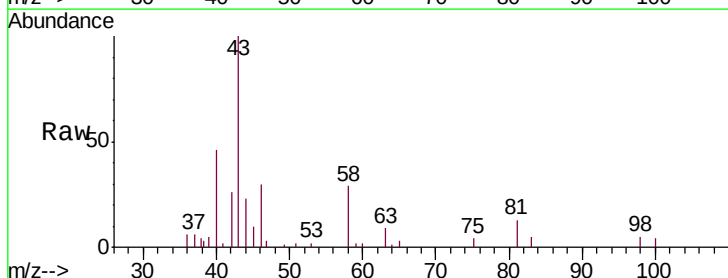
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X84

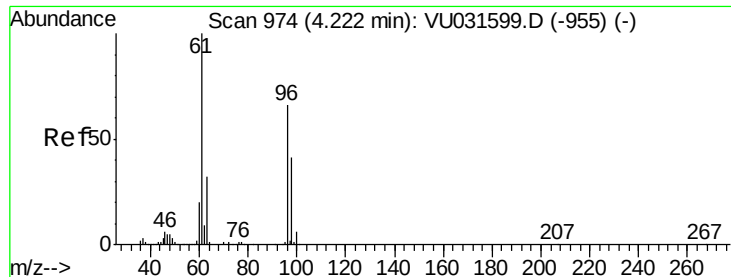
Tgt Ion: 96 Resp: 3201
 Ion Ratio Lower Upper
 96 100
 61 1523.4 135.0 250.6#
 63 13261.0 103.5 192.3#



#13
 Acetone
 Concen: 3.572 ug/L
 RT: 2.33 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VU031605.D
 Acq: 29 Apr 2019 23:17

Tgt Ion: 43 Resp: 19200
 Ion Ratio Lower Upper
 43 100
 58 31.1 0.0 64.4

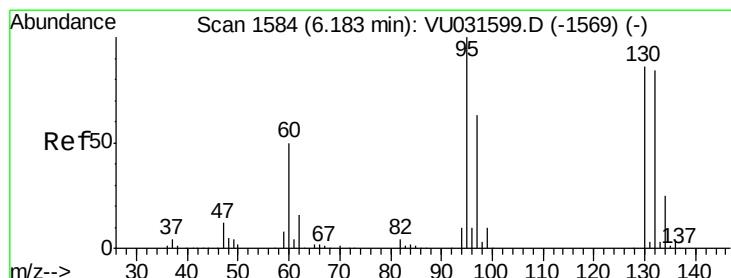
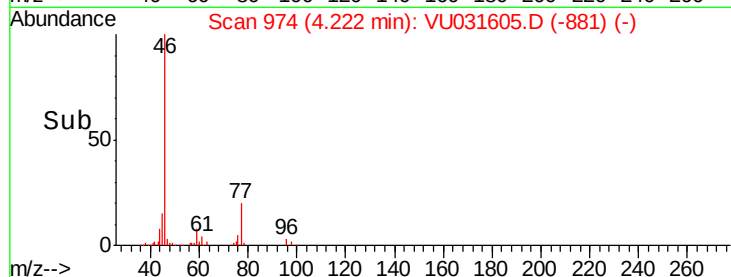
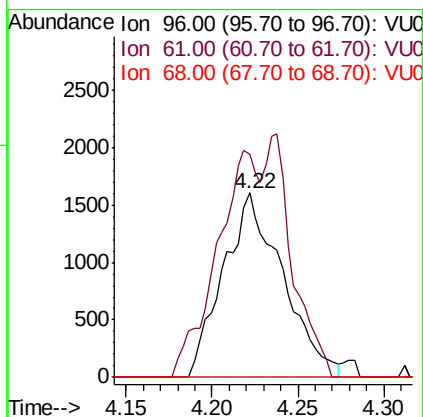
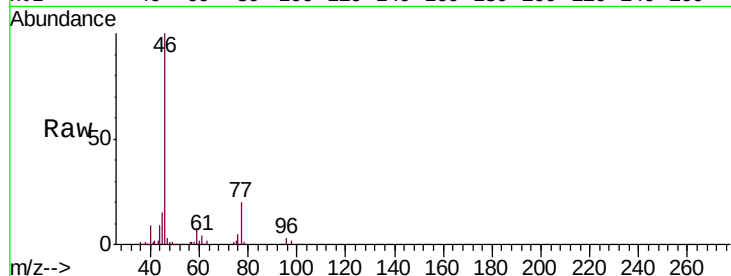




#20
 cis-1,2-Dichloroethene
 Concen: 0.703 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU031605.D
 Acq: 29 Apr 2019 23:17

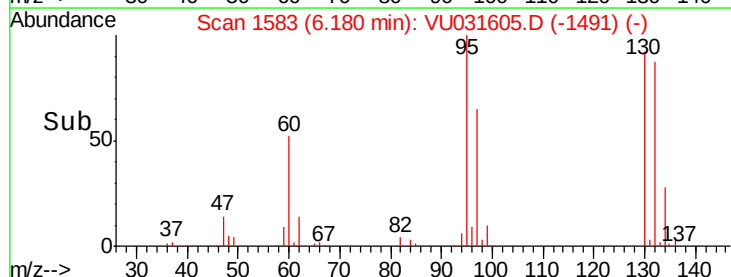
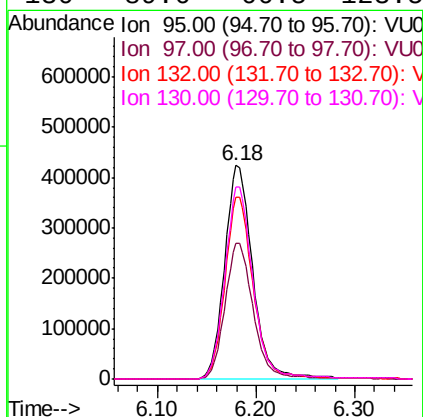
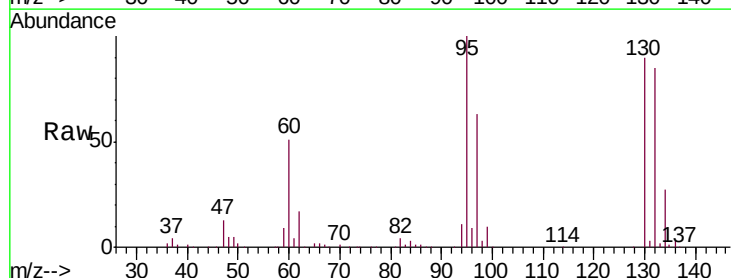
Instrument :
 MSVOA_U
 ClientSampled :
 C0X84

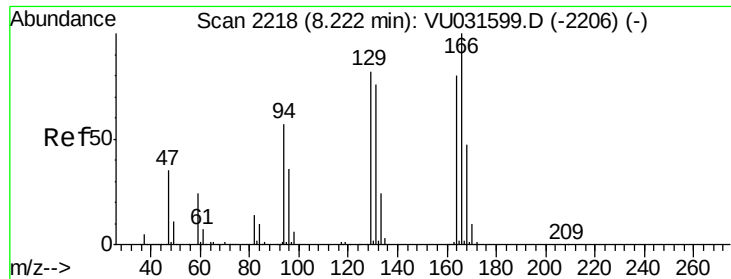
Tgt Ion: 96 Resp: 3860
 Ion Ratio Lower Upper
 96 100
 61 120.7 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 156.638 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031605.D
 Acq: 29 Apr 2019 23:17

Tgt Ion: 95 Resp: 845792
 Ion Ratio Lower Upper
 95 100
 97 63.3 44.8 83.2
 132 85.0 63.1 117.1
 130 89.6 66.5 123.5





#46

Tetrachloroethene

Concen: 8.492 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031605.D

Acq: 29 Apr 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

C0X84

Tgt Ion:164 Resp: 31261

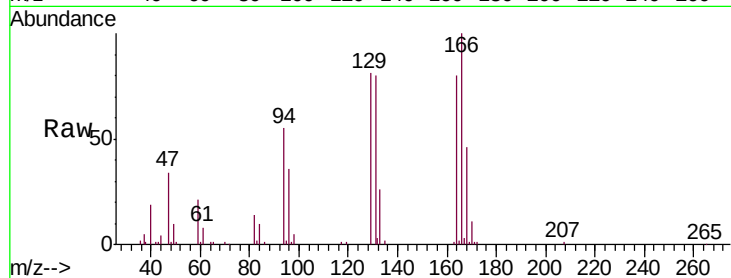
Ion Ratio Lower Upper

164 100

129 101.4 71.5 132.9

131 100.0 69.0 128.2

166 125.6 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

