

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031148.D
 Acq On : 12 Apr 2019 22:49
 Operator : JC/SP
 Sample : K2339-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC39

Quant Time: Apr 13 04:04:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:01:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	504793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210081	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	206622	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.70%
7) Chloroethane-d5	1.68	69	160755	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	931319	114.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	228.54%#
21) 2-Butanone-d5	4.17	46	315137	88.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.24%
24) Chloroform-d	4.64	84	330019	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	5.31	65	219590	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
32) Benzene-d6	5.33	84	662870	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.33	67	224115	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.90%
41) Toluene-d8	7.56	98	579645	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%
43) trans-1,3-Dichloropropene-	7.85	79	92444	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.22%
47) 2-Hexanone-d5	8.31	63	186324	82.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298785	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	210303	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

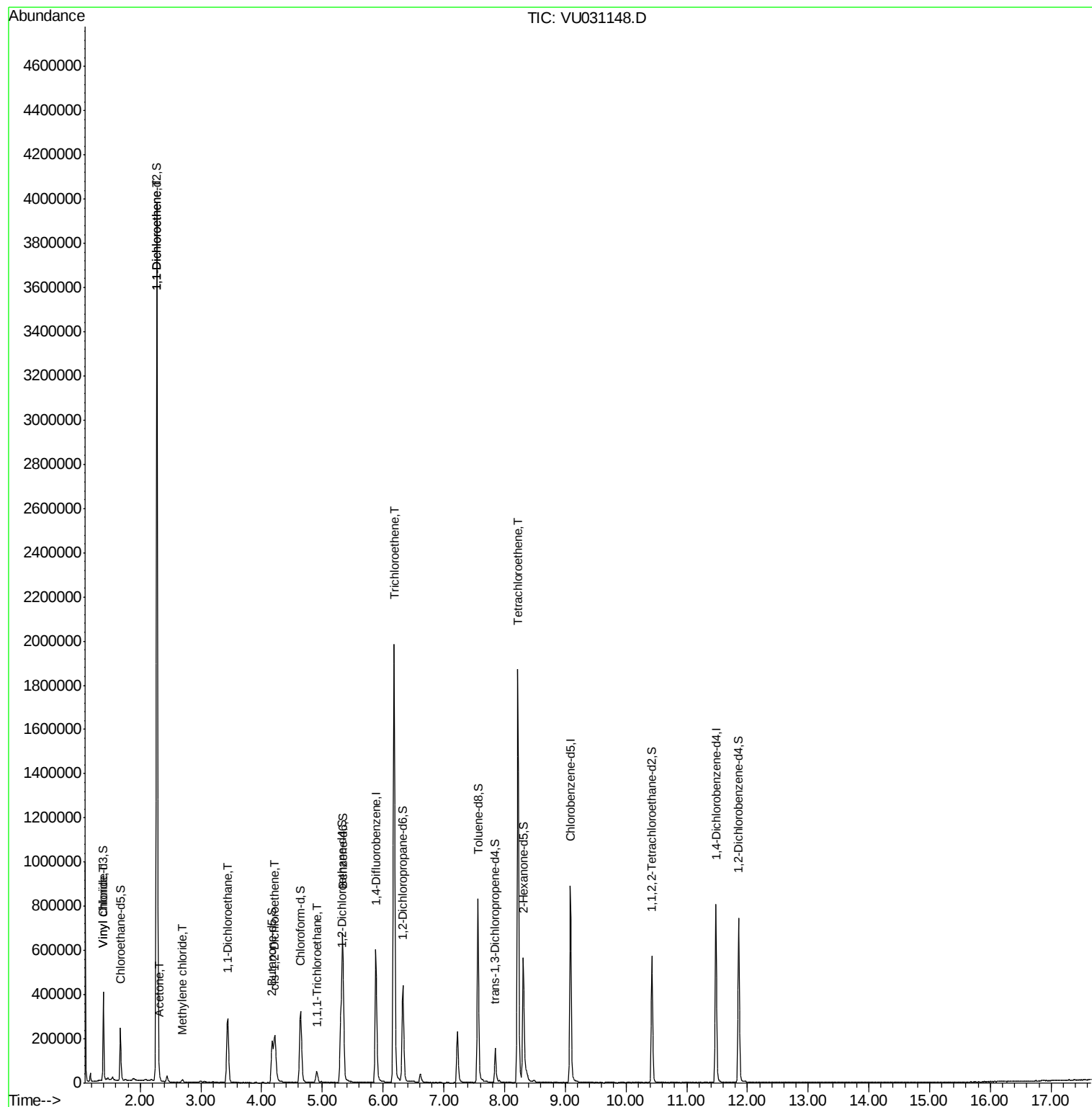
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	51403	9.259	ug/L	89
12) 1,1-Dichloroethene	2.28	96	1153524	330.580	ug/L #	75
13) Acetone	2.32	43	8229	2.252	ug/L	93
16) Methylene chloride	2.70	84	5131	1.210	ug/L	93
19) 1,1-Dichloroethane	3.44	63	321239	42.014	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	107061	26.171	ug/L	95
30) 1,1,1-Trichloroethane	4.91	97	38378	6.389	ug/L	99
34) Trichloroethene	6.18	95	723265	182.825	ug/L	98
46) Tetrachloroethene	8.22	164	426110	148.152	ug/L	98

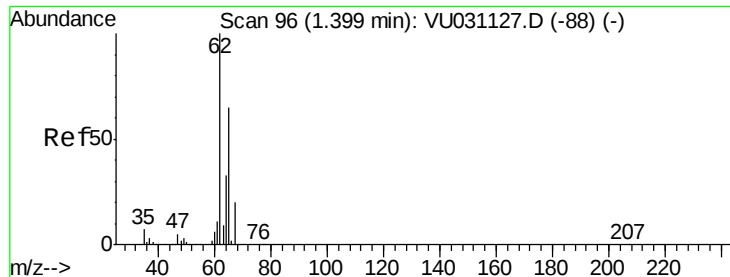
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041219\
Data File : VU031148.D
Acq On : 12 Apr 2019 22:49
Operator : JC/SP
Sample : K2339-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC39

Quant Time: Apr 13 04:04:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.259 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031148.D

Acq: 12 Apr 2019 22:49

Instrument :

MSVOA_U

ClientSampled :

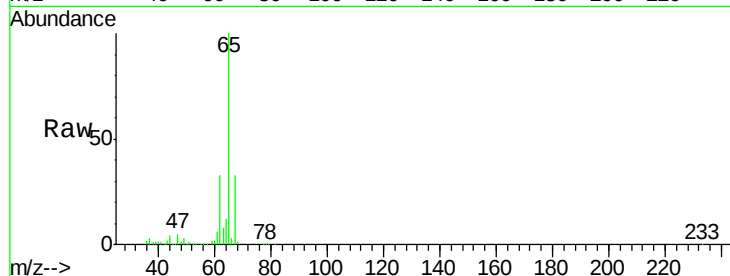
BFC39

Tot Ion: 62 Resp: 51403

Ion Ratio Lower Upper

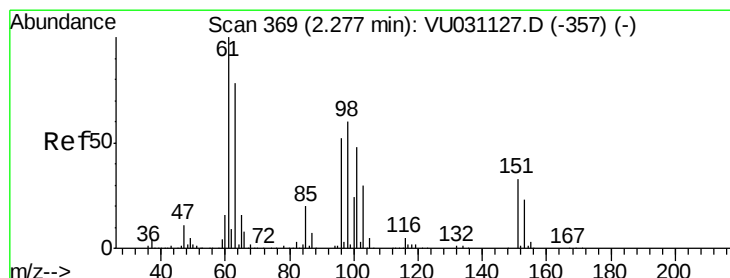
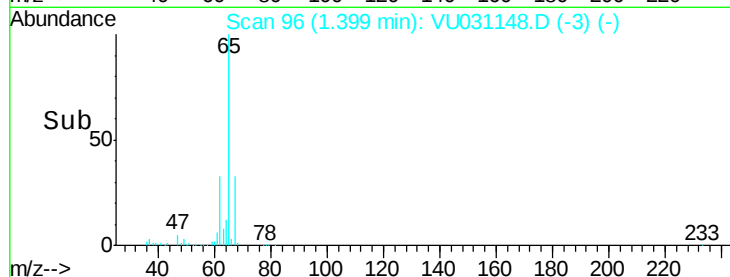
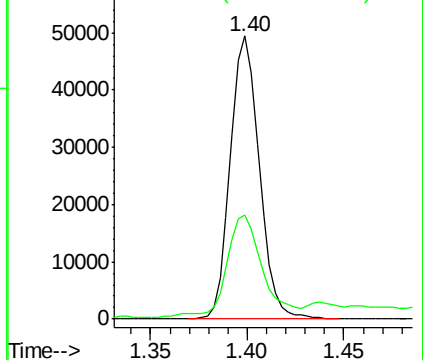
62 100

64 36.7 21.5 39.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 330.580 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU031148.D

Acq: 12 Apr 2019 22:49

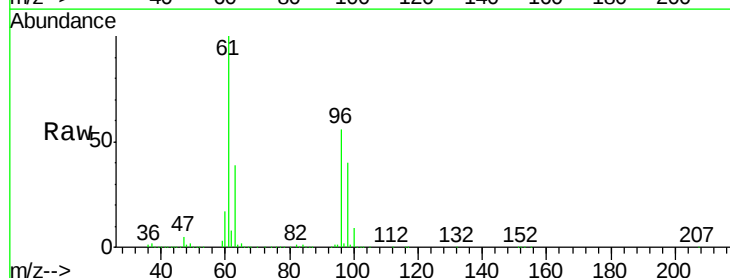
Tgt Ion: 96 Resp: 1153524

Ion Ratio Lower Upper

96 100

61 178.0 132.0 245.2

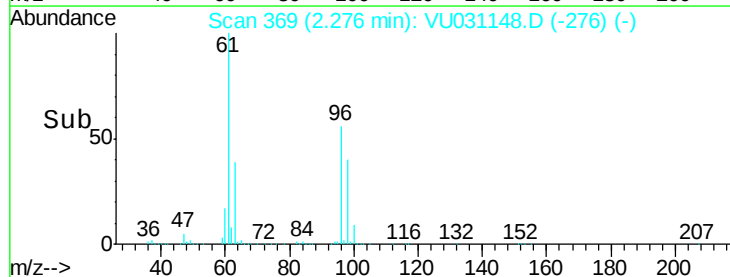
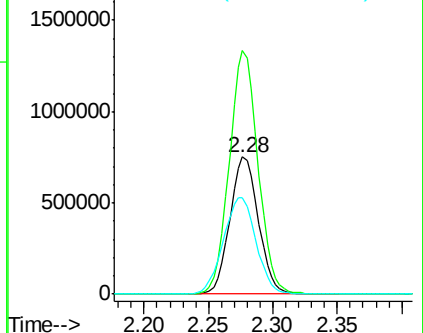
63 70.3 90.9 168.9#

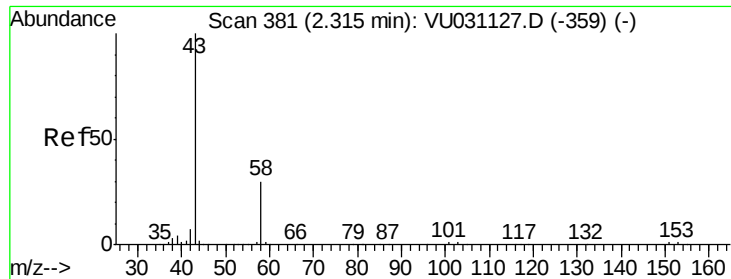


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.252 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031148.D

Acq: 12 Apr 2019 22:49

Instrument :

MSVOA_U

ClientSampled :

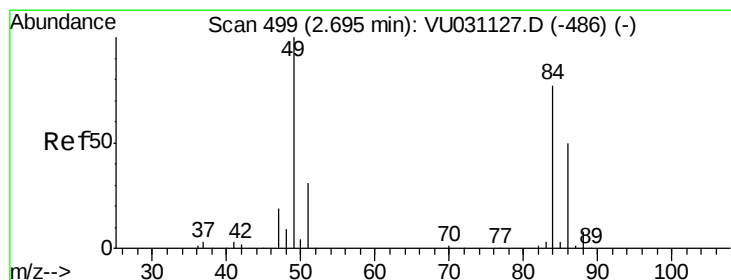
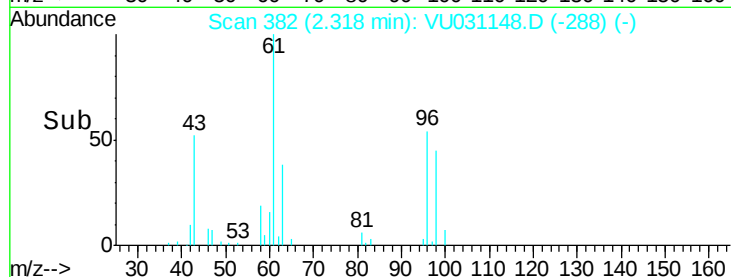
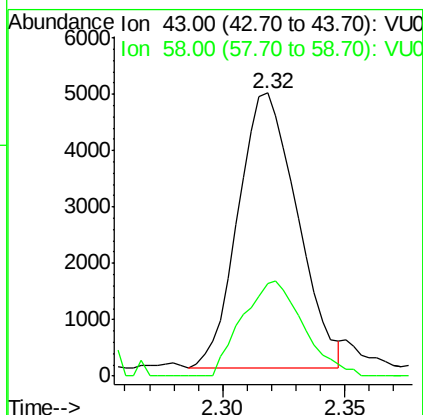
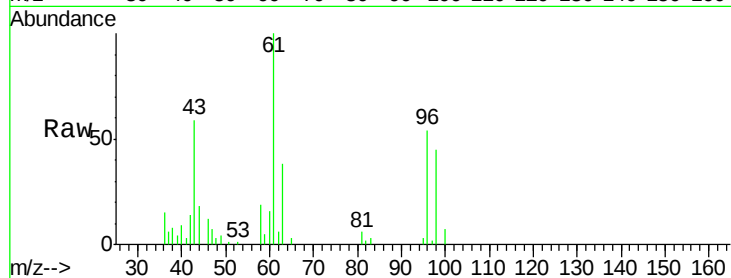
BFC39

Tot Ion: 43 Resp: 8229

Ion Ratio Lower Upper

43 100

58 35.8 0.0 64.0



#16

Methylene chloride

Concen: 1.210 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031148.D

Acq: 12 Apr 2019 22:49

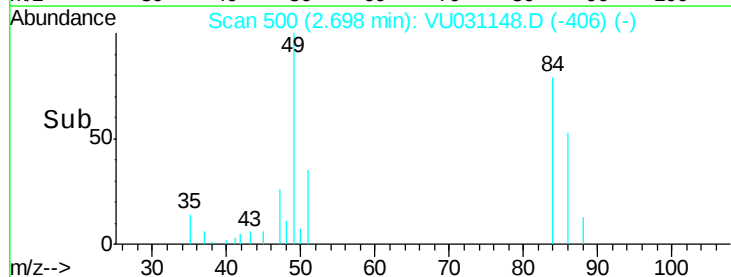
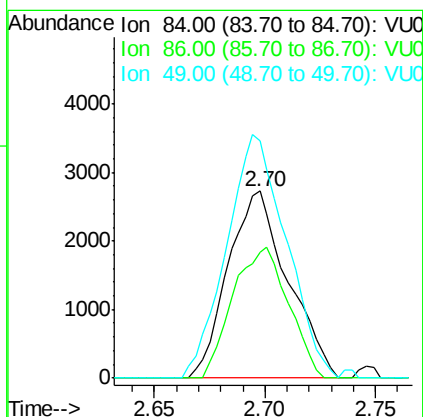
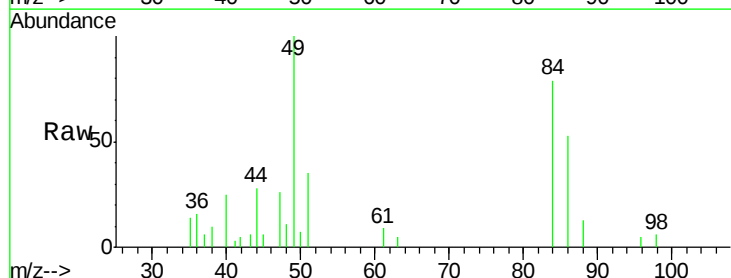
Tgt Ion: 84 Resp: 5131

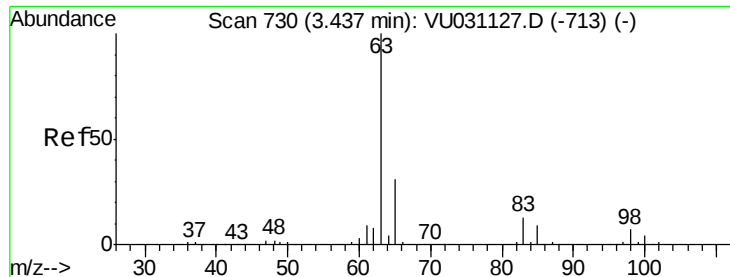
Ion Ratio Lower Upper

84 100

86 67.0 45.1 83.7

49 126.9 96.5 179.1

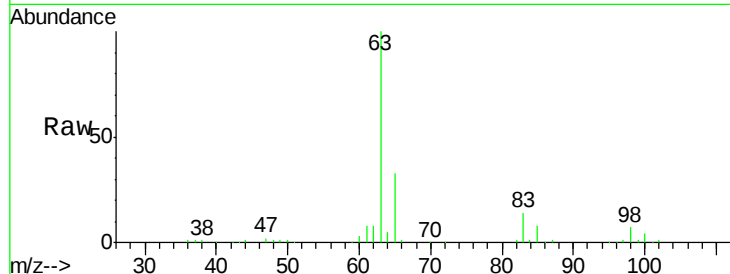




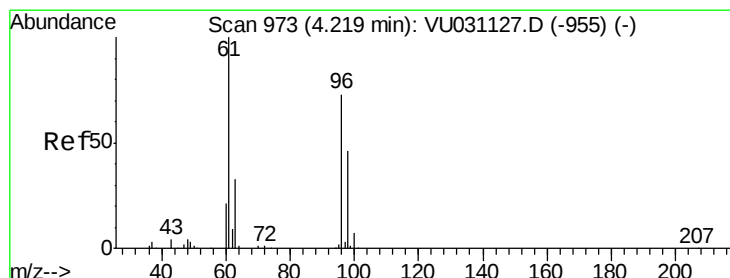
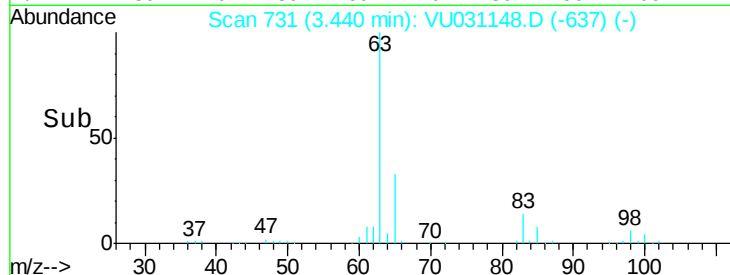
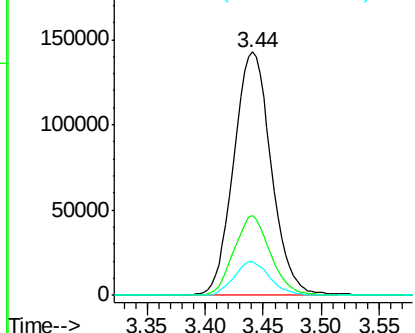
#19
 1,1-Dichloroethane
 Concen: 42.014 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031148.D
 Acq: 12 Apr 2019 22:49

Instrument :
 MSVOA_U
 ClientSampled :
 BFC39

Tot Ion: 63 Resp: 321239
 Ion Ratio Lower Upper
 63 100
 65 32.9 21.4 39.8
 83 13.6 8.5 15.7

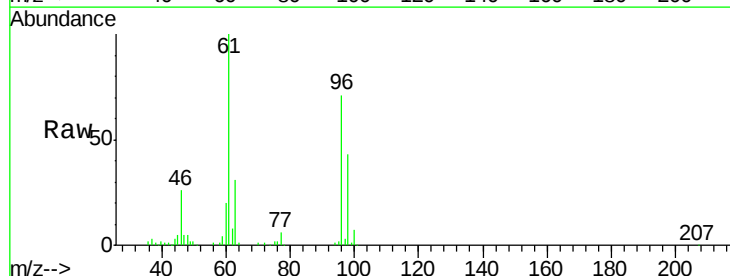


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0

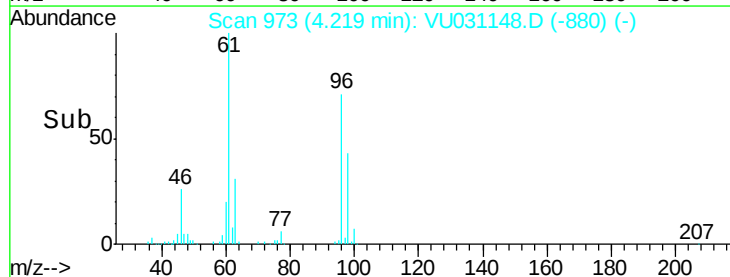
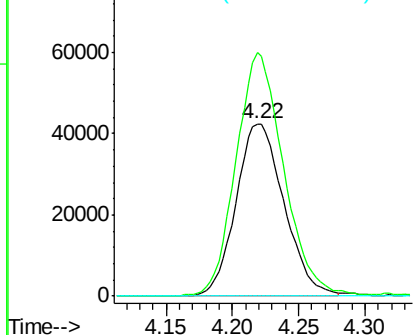


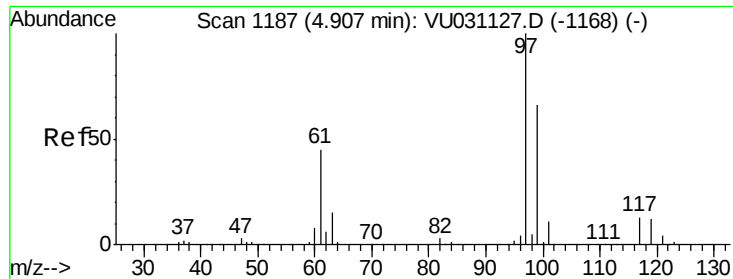
#20
 cis-1,2-Dichloroethene
 Concen: 26.171 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031148.D
 Acq: 12 Apr 2019 22:49

Tgt Ion: 96 Resp: 107061
 Ion Ratio Lower Upper
 96 100
 61 141.3 102.9 191.1
 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

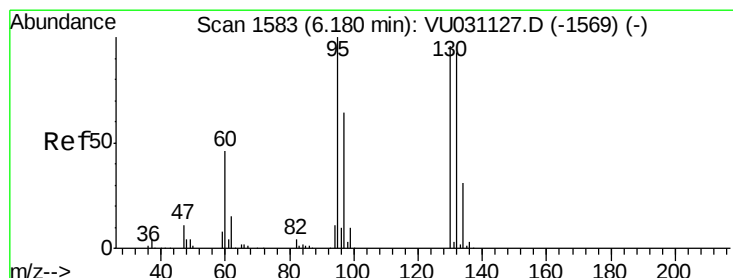
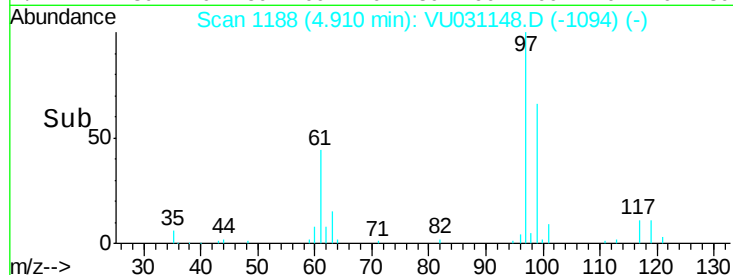
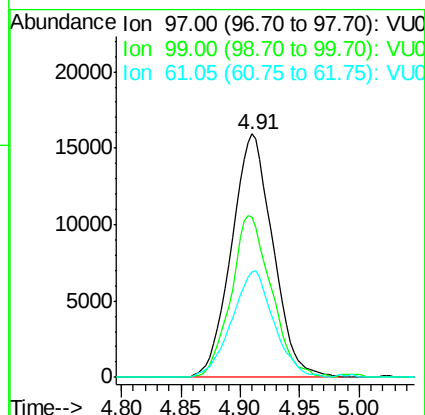
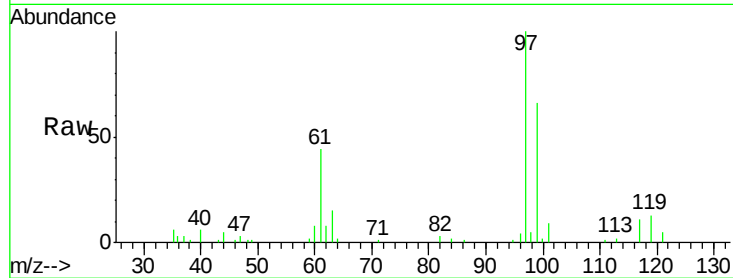




#30
 1,1,1-Trichloroethane
 Concen: 6.389 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU031148.D
 Acq: 12 Apr 2019 22:49

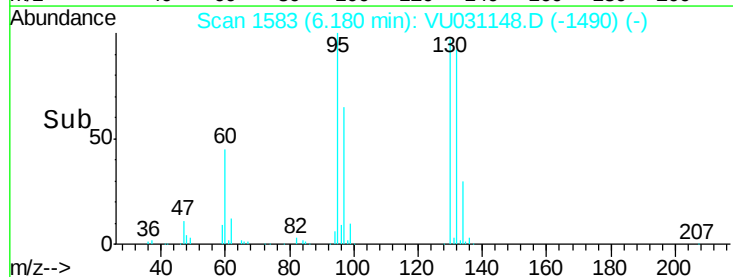
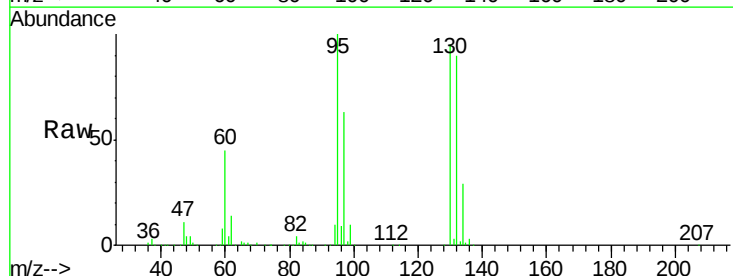
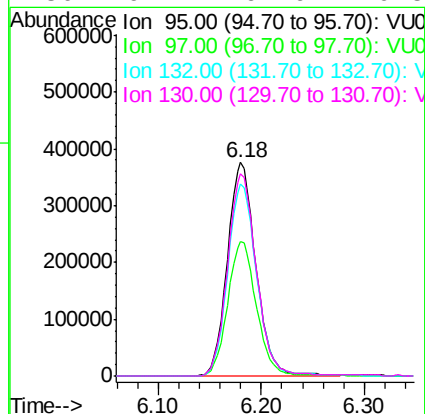
Instrument :
 MSVOA_U
 ClientSampleId :
 BFC39

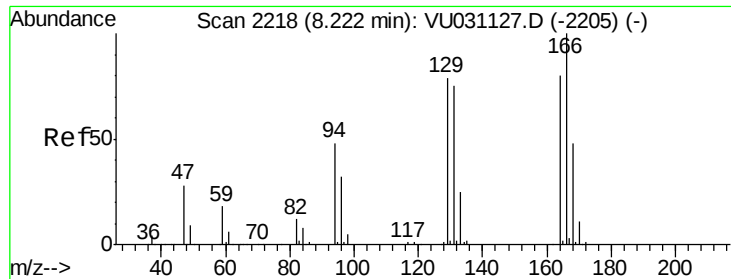
Tot Ion: 97 Resp: 38378
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.4 77.2
 61 44.4 37.1 55.7



#34
 Trichloroethene
 Concen: 182.825 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031148.D
 Acq: 12 Apr 2019 22:49

Tgt Ion: 95 Resp: 723265
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.5 82.7
 132 89.9 61.5 114.1
 130 94.7 64.9 120.5





#46

Tetrachloroethene

Concen: 148.152 ug/L

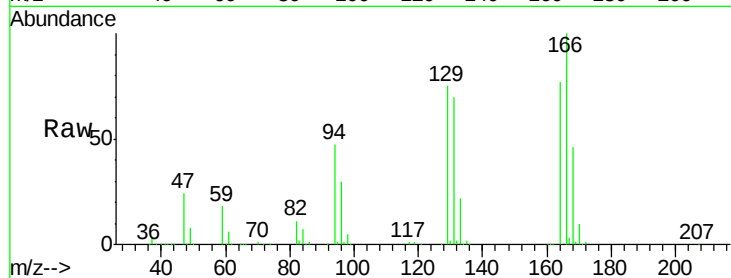
RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031148.D

Acq: 12 Apr 2019 22:49

Instrument :
MSVOA_U
ClientSampleId :
BFC39



Tot Ion:164 Resp: 426110

Ion Ratio Lower Upper

164 100

129 97.6 67.4 125.2

131 91.5 65.9 122.5

166 130.1 88.6 164.6

