

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031234.D
 Acq On : 17 Apr 2019 00:38
 Operator : JC/SP
 Sample : K2339-14RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC37

Quant Time: Apr 17 04:17:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510060	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	206038	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.72%
7) Chloroethane-d5	1.68	69	170199	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.46%
11) 1,1-Dichloroethene-d2	2.27	63	293125	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.19	46	295212	86.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.29%
24) Chloroform-d	4.64	84	324477	41.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	214175	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
32) Benzene-d6	5.34	84	659095	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
36) 1,2-Dichloropropane-d6	6.33	67	223555	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.56%
41) Toluene-d8	7.56	98	574831	41.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.98%
43) trans-1,3-Dichloropropene-	7.85	79	94306	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
47) 2-Hexanone-d5	8.31	63	199490	83.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295731	42.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	201546	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%

Target Compounds

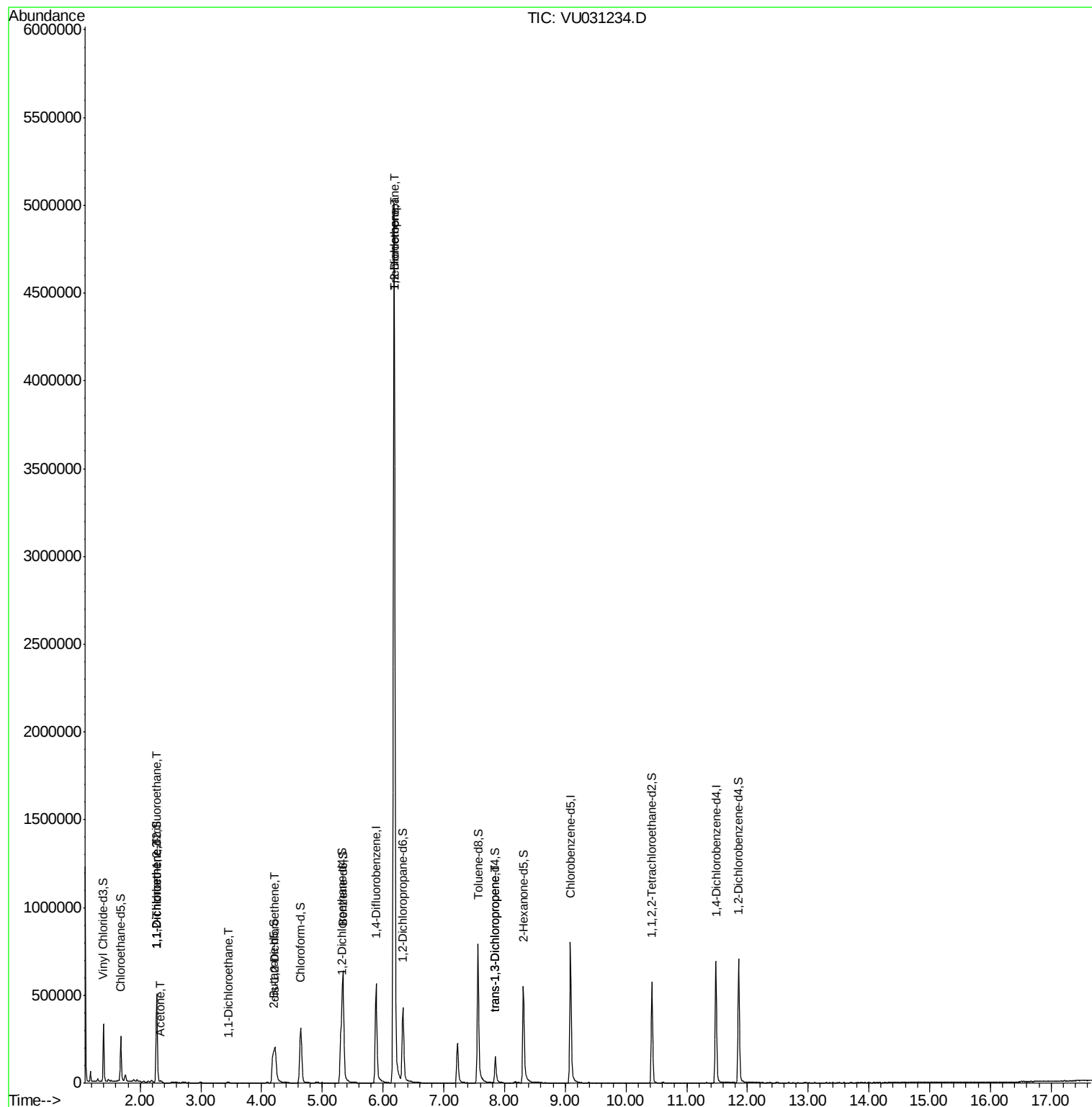
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2513	0.618 ug/L #	22
12) 1,1-Dichloroethene	2.28	96	14796	3.712 ug/L #	1
13) Acetone	2.34	43	9323	3.541 ug/L	99
19) 1,1-Dichloroethane	3.45	63	5985	0.829 ug/L #	88
20) cis-1,2-Dichloroethene	4.22	96	90103	21.315 ug/L	95
34) Trichloroethene	6.18	95	1824638	440.620 ug/L	97
37) 1,2-Dichloropropane	6.18	63	6517	1.487 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4148	0.727 ug/L #	77

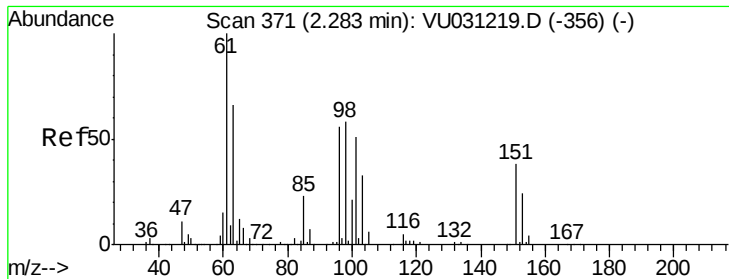
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031234.D
Acq On : 17 Apr 2019 00:38
Operator : JC/SP
Sample : K2339-14RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC37

Quant Time: Apr 17 04:17:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 17 04:13:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.618 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031234.D

Acq: 17 Apr 2019 00:38

Instrument :

MSVOA_U

ClientSampleId :

BFC37

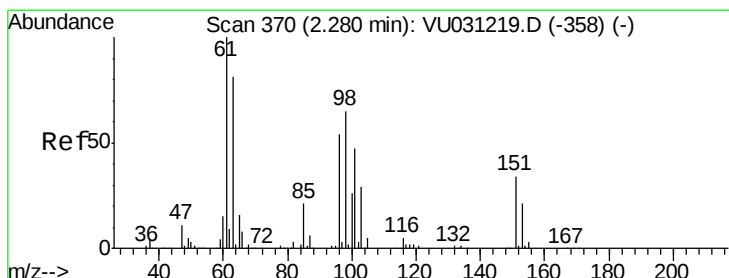
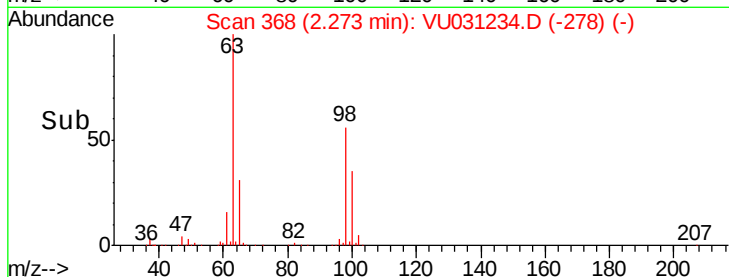
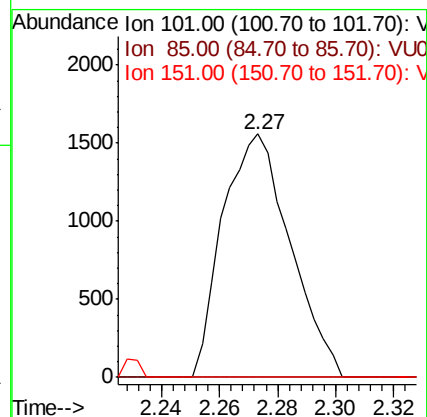
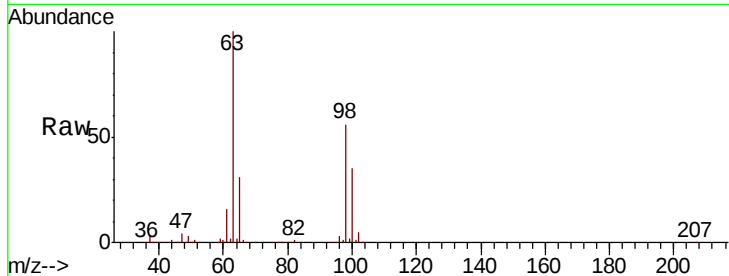
Tgt Ion:101 Resp: 2513

Ion Ratio Lower Upper

101 100

85 1.7 35.4 53.0#

151 1.7 59.8 89.8#



#12

1,1-Dichloroethene

Concen: 3.712 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031234.D

Acq: 17 Apr 2019 00:38

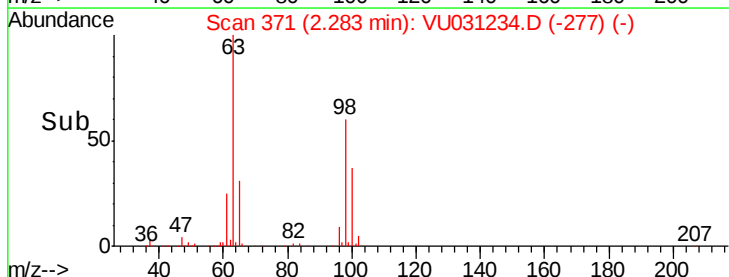
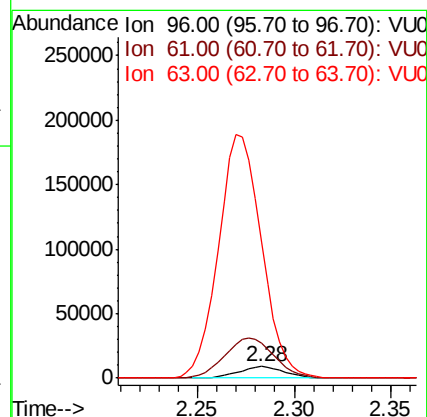
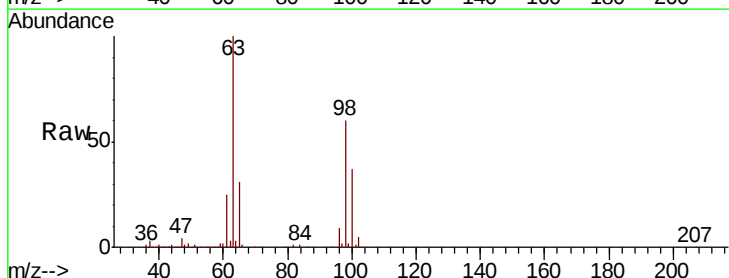
Tgt Ion: 96 Resp: 14796

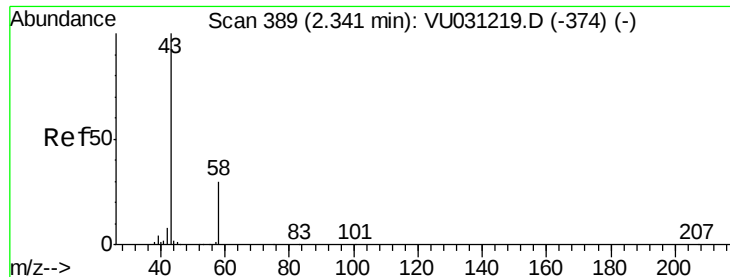
Ion Ratio Lower Upper

96 100

61 298.1 130.4 242.2#

63 1171.2 108.9 202.3#





#13

Acetone

Concen: 3.541 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031234.D

Acq: 17 Apr 2019 00:38

Instrument :

MSVOA_U

ClientSampleId :

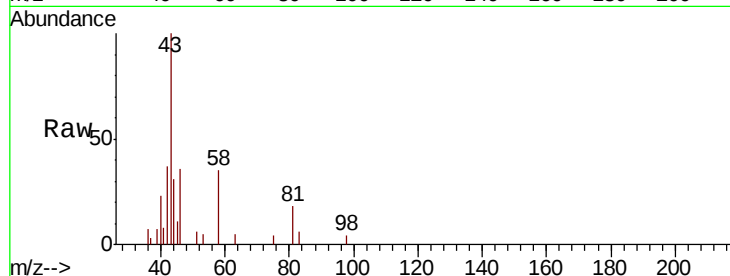
BFC37

Tgt Ion: 43 Resp: 9323

Ion Ratio Lower Upper

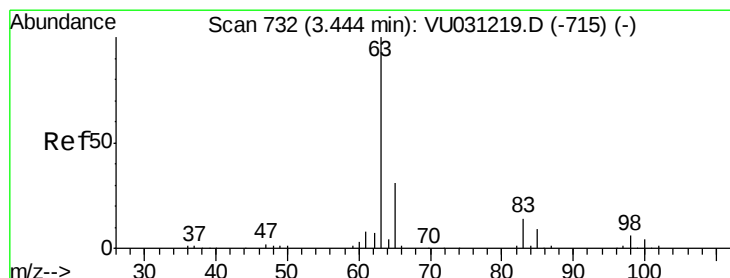
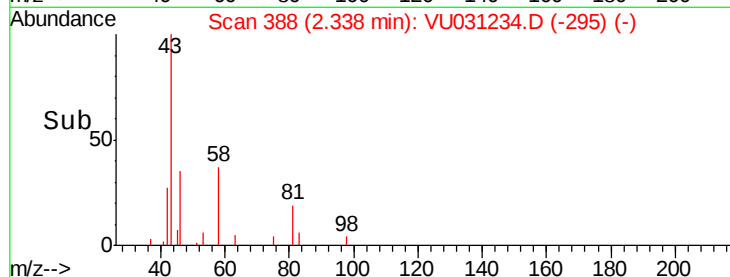
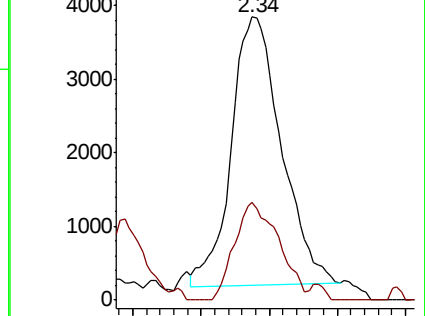
43 100

58 32.0 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU031219.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031219.D (-374) (-)



#19

1,1-Dichloroethane

Concen: 0.829 ug/L

RT: 3.45 min Scan# 733

Delta R.T. 0.00 min

Lab File: VU031234.D

Acq: 17 Apr 2019 00:38

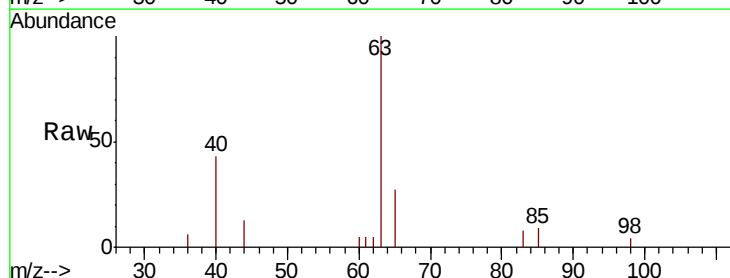
Tgt Ion: 63 Resp: 5985

Ion Ratio Lower Upper

63 100

65 26.9 22.8 42.4

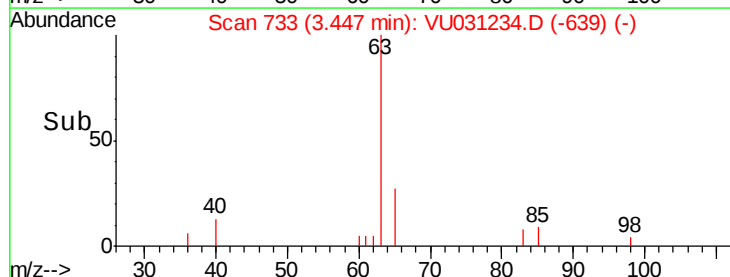
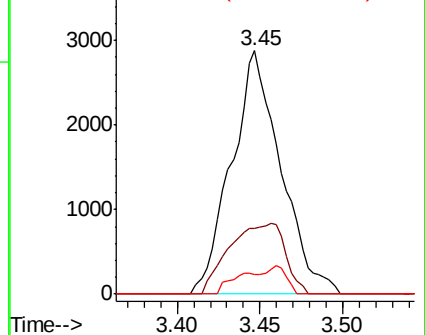
83 7.8 9.7 17.9#

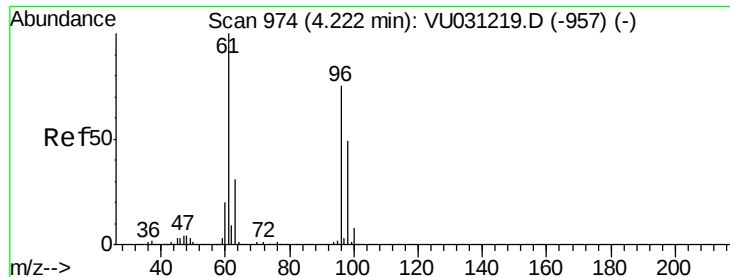


Abundance Ion 63.00 (62.70 to 63.70): VU031219.D (-715) (-)

Ion 65.00 (64.70 to 65.70): VU031219.D (-715) (-)

Ion 83.00 (82.70 to 83.70): VU031219.D (-715) (-)

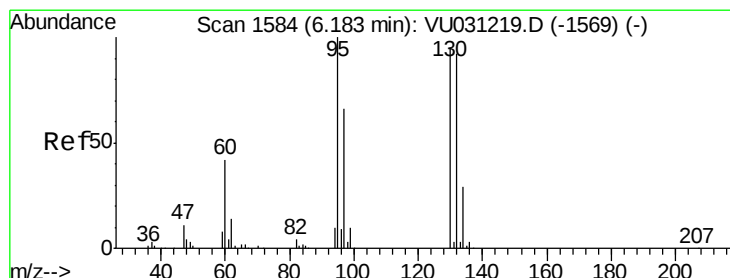
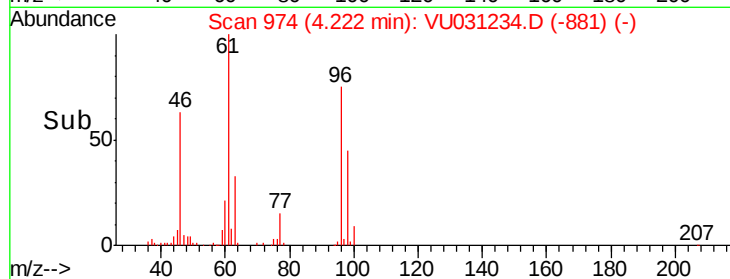
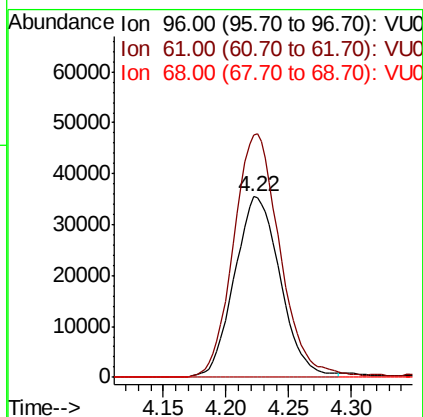
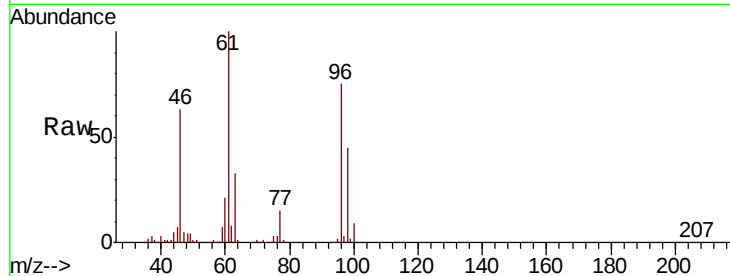




#20
 cis-1,2-Dichloroethene
 Concen: 21.315 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU031234.D
 Acq: 17 Apr 2019 00:38

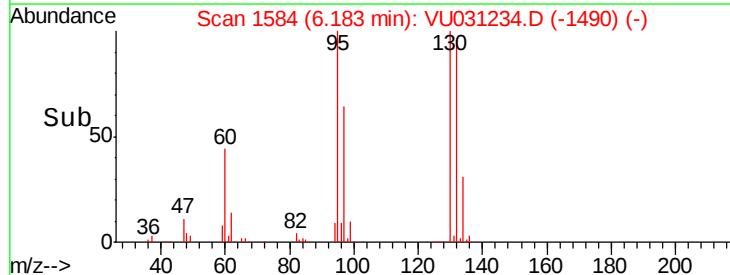
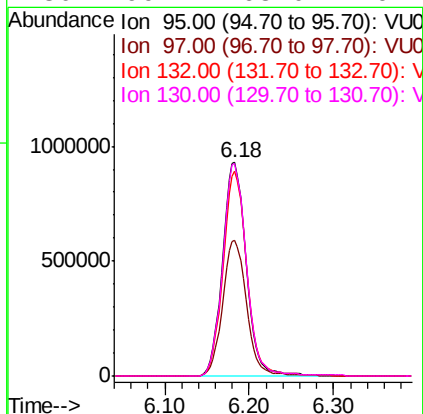
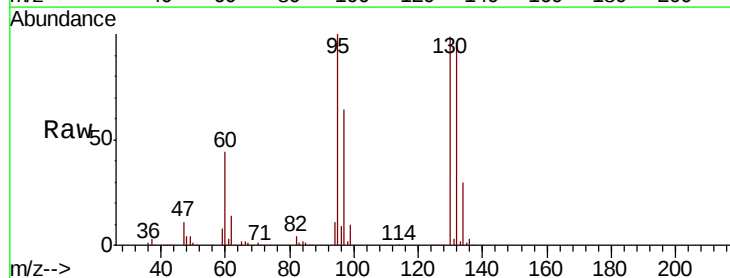
Instrument :
 MSVOA_U
 ClientSampleId :
 BFC37

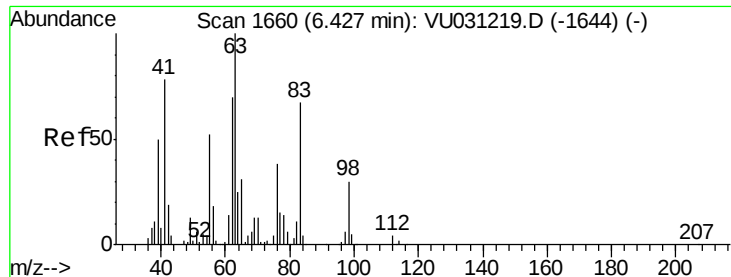
Tgt Ion: 96 Resp: 90103
 Ion Ratio Lower Upper
 96 100
 61 134.2 98.2 182.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 440.620 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031234.D
 Acq: 17 Apr 2019 00:38

Tgt Ion: 95 Resp: 1824638
 Ion Ratio Lower Upper
 95 100
 97 63.8 43.6 81.0
 132 95.7 64.5 119.7
 130 99.4 68.0 126.2





#37

1,2-Dichloropropane

Concen: 1.487 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.25 min

Lab File: VU031234.D

Acq: 17 Apr 2019 00:38

Instrument :

MSVOA_U

ClientSampleId :

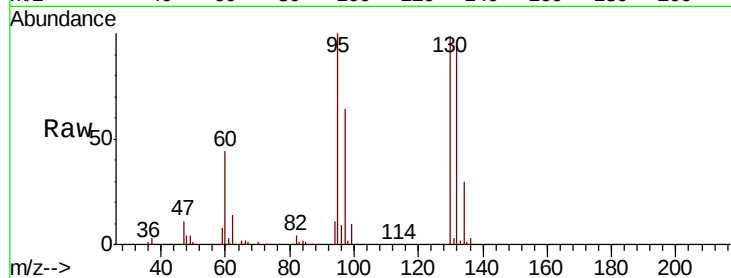
BFC37

Tgt Ion: 63 Resp: 6517

Ion Ratio Lower Upper

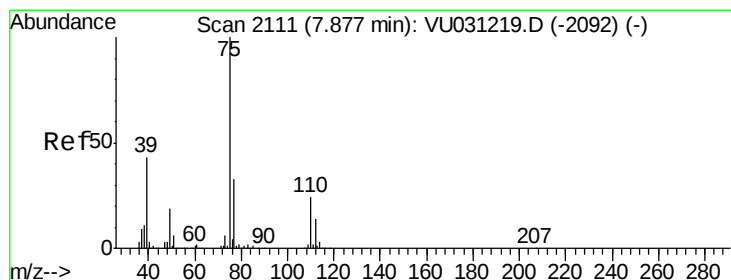
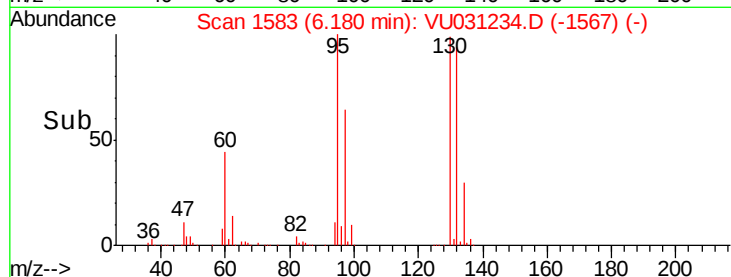
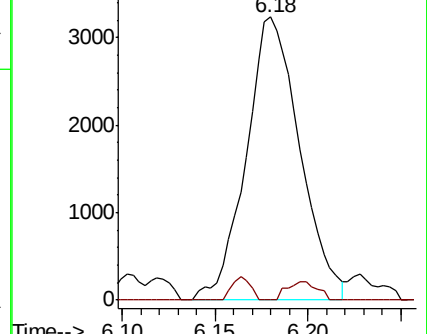
63 100

112 3.7 3.3 4.9



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031234.D

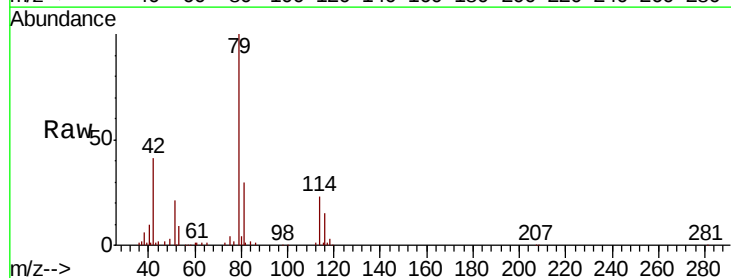
Acq: 17 Apr 2019 00:38

Tgt Ion: 75 Resp: 4148

Ion Ratio Lower Upper

75 100

77 45.7 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

