

Data File : VU029655.D
Acq On : 25 Feb 2019 14:07
Operator : JC/SP
Sample : K1602-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5D3

Quant Time: Feb 26 00:16:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	482018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460211	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143703	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.38%
7) Chloroethane-d5	1.68	69	128239	40.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.68%
11) 1,1-Dichloroethene-d2	2.27	63	204314	29.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.18%#
21) 2-Butanone-d5	4.17	46	204520	95.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.15%
24) Chloroform-d	4.65	84	262440	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
26) 1,2-Dichloroethane-d4	5.31	65	166451	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.34	84	570434	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
36) 1,2-Dichloropropane-d6	6.33	67	174305	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.56	98	542450	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	80644	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
47) 2-Hexanone-d5	8.31	63	157214	81.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	259269	44.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	223302	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2245	0.669 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1911	0.599 ug/L #	1
13) Acetone	2.32	43	2737	1.192 ug/L	78
25) Chloroform	4.68	83	3833	0.674 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	4931	0.987 ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	3403	0.723 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	22740	5.149 ug/L	90

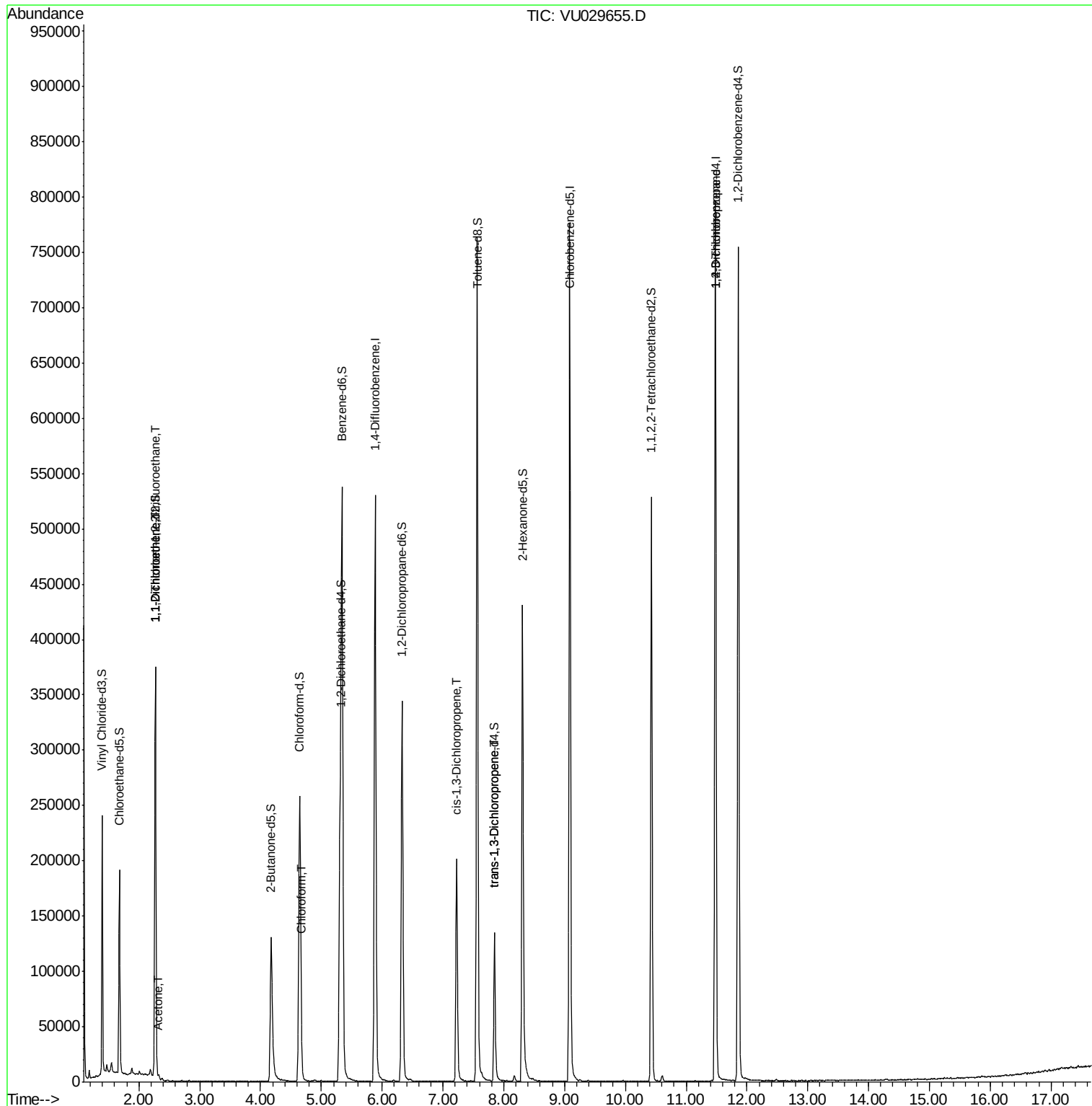
(#) = qualifier out of range (m) = manual integration (+) = signals summed

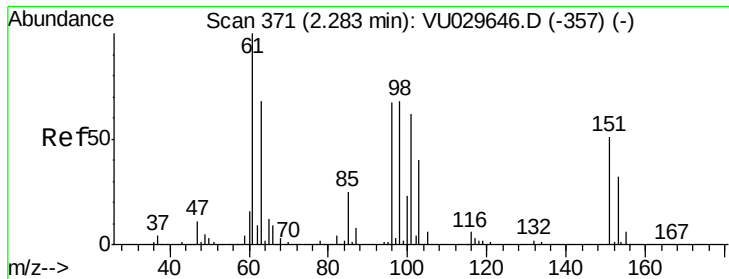
Data File : VU029655.D

Acq On : 25 Feb 2019 14:07
Operator : JC/SP
Sample : K1602-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5D3

Quant Time: Feb 26 00:16:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration





#10

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

Concen: 0.669 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029655.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_U

ClientSampleId :

BF5D3

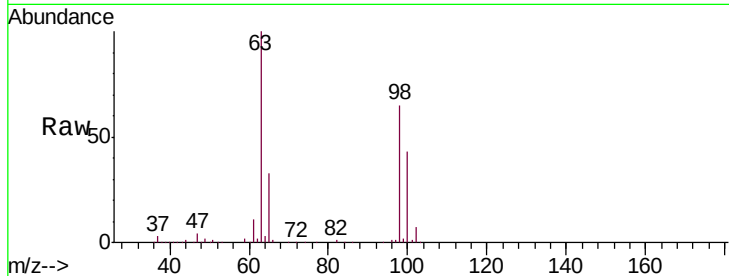
Tgt Ion: 101 Resp: 2245

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

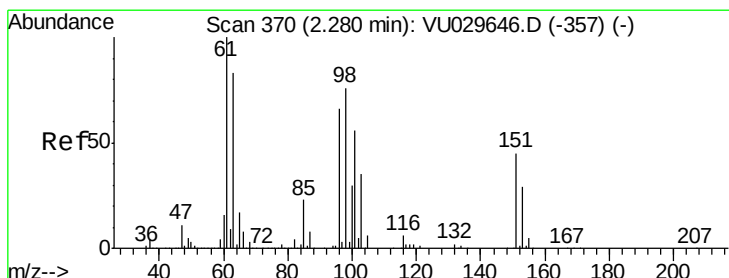
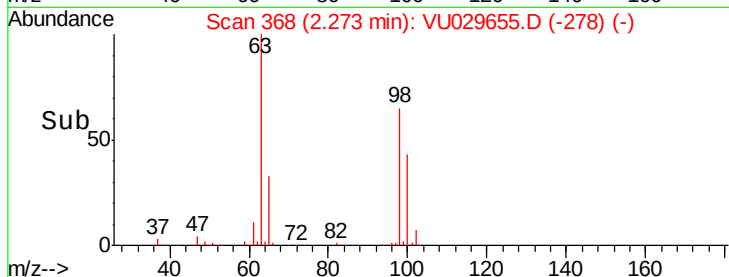
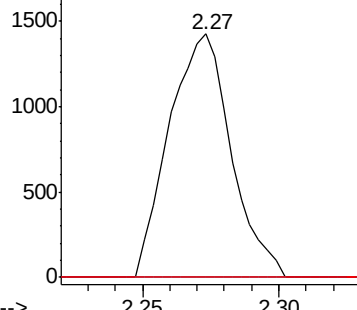
151 0.0 65.7 98.5#



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: 0.599 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029655.D

Acq: 25 Feb 2019 14:07

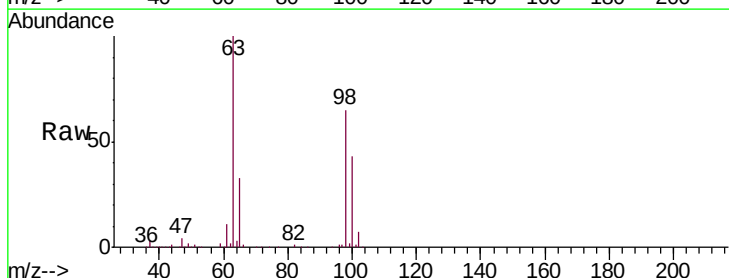
Tgt Ion: 96 Resp: 1911

Ion Ratio Lower Upper

96 100

61 1078.4 114.0 211.8#

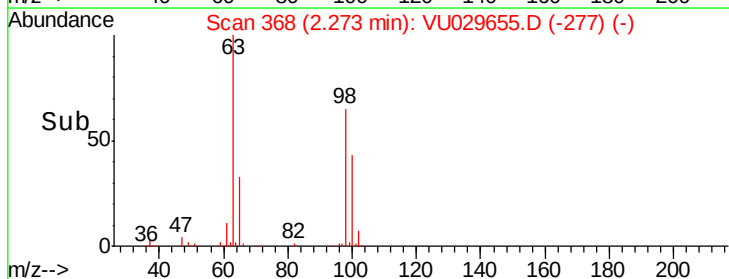
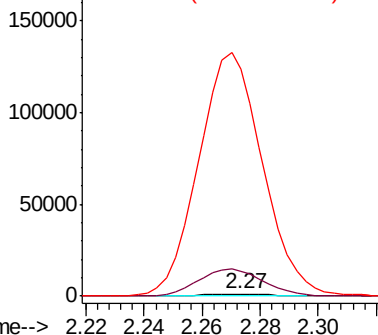
63 9721.0 98.7 183.3#

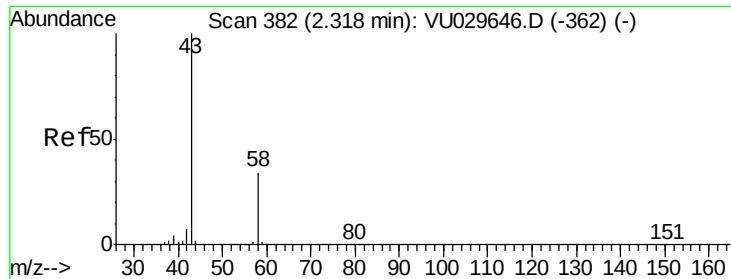


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.192 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU029655.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_U

ClientSampleId :

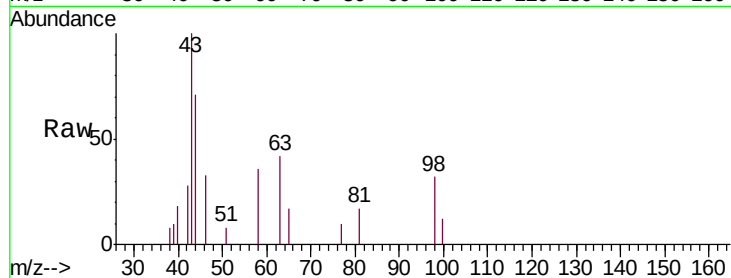
BF5D3

Tgt Ion: 43 Resp: 2737

Ion Ratio Lower Upper

43 100

58 21.0 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1500

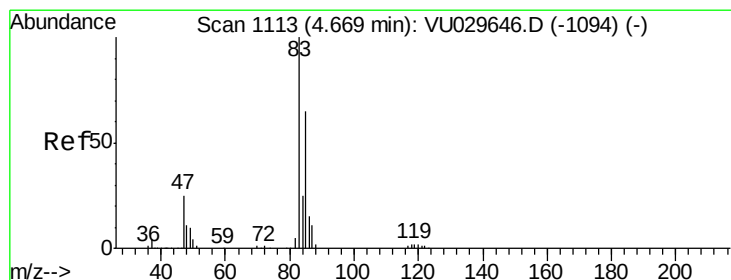
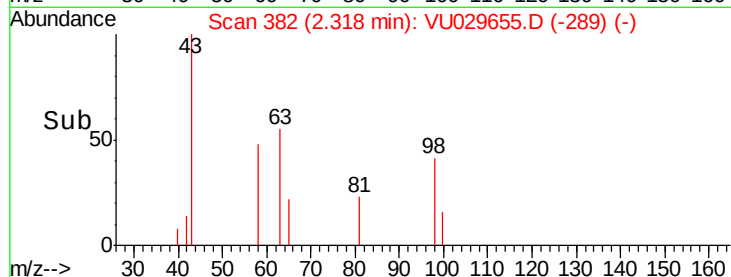
1000

500

0

2.30 2.35

Time-->



#25

Chloroform

Concen: 0.674 ug/L

RT: 4.68 min Scan# 1116

Delta R.T. 0.01 min

Lab File: VU029655.D

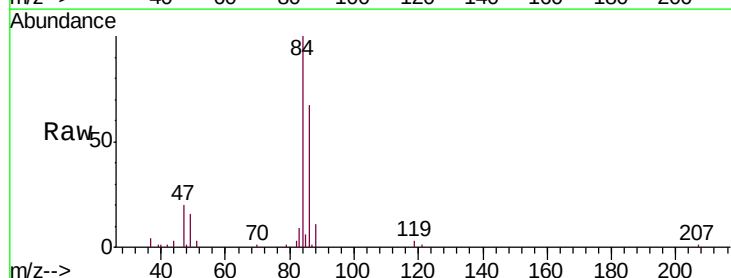
Acq: 25 Feb 2019 14:07

Tgt Ion: 83 Resp: 3833

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.68

1500

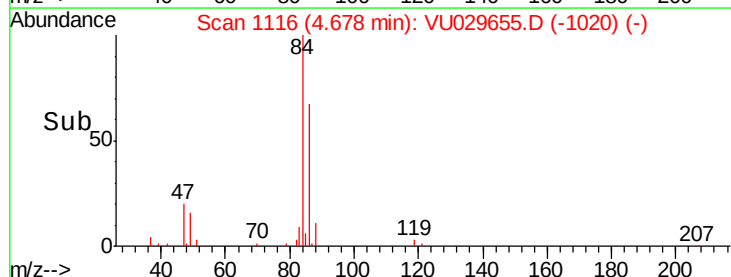
1000

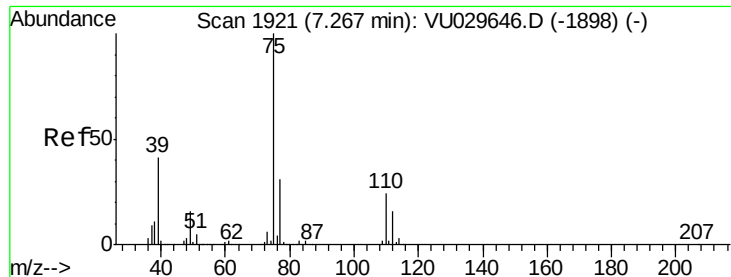
500

0

4.60 4.65 4.70

Time-->

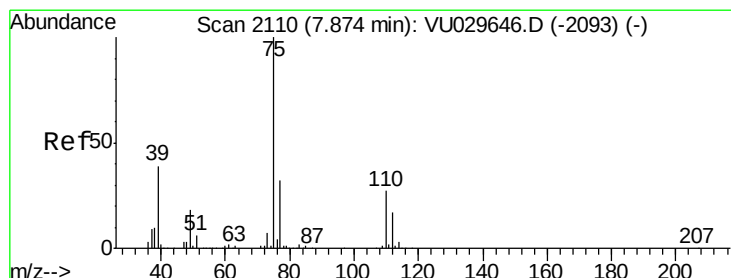
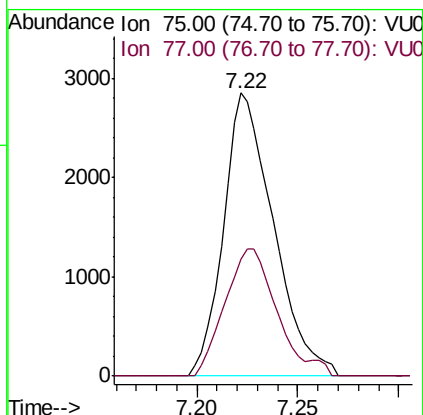
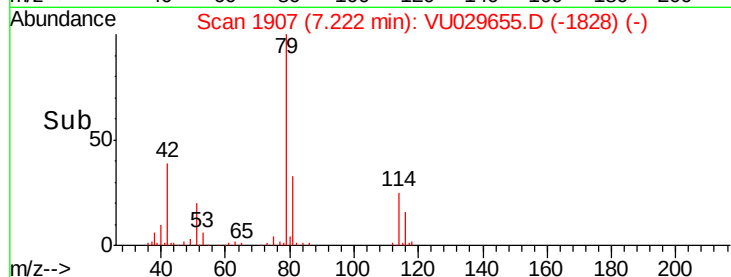
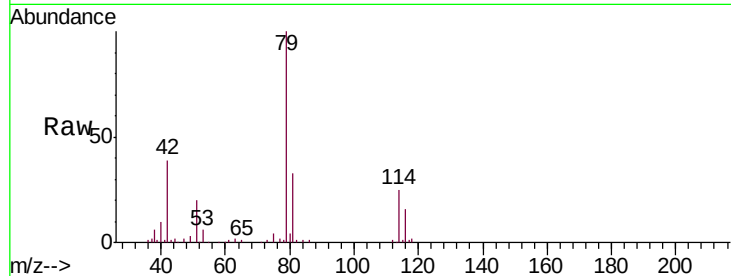




#39
 cis-1,3-Dichloropropene
 Concen: 0.987 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU029655.D
 Acq: 25 Feb 2019 14:07

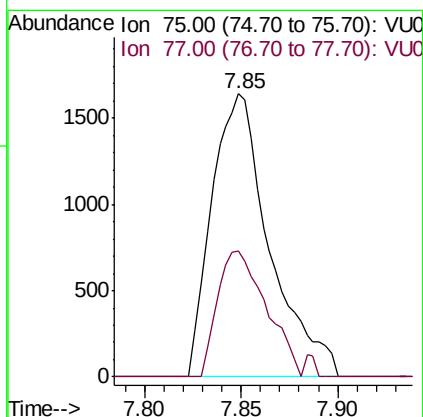
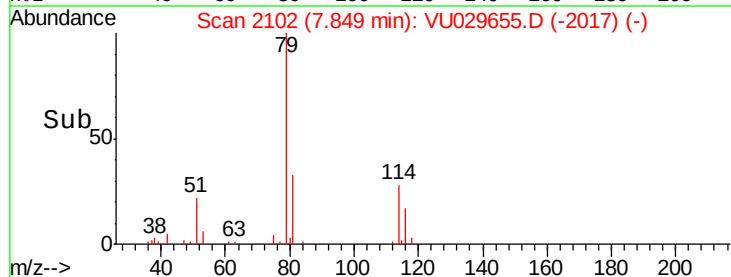
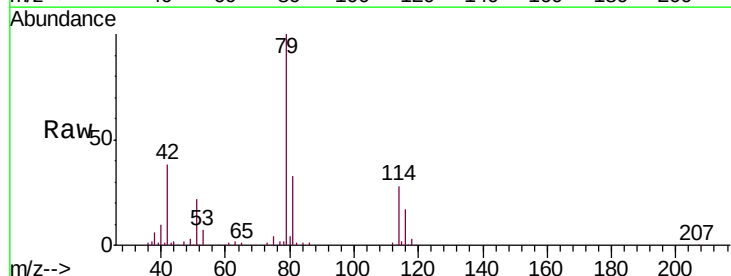
Instrument :
 MSVOA_U
 ClientSampleId :
 BF5D3

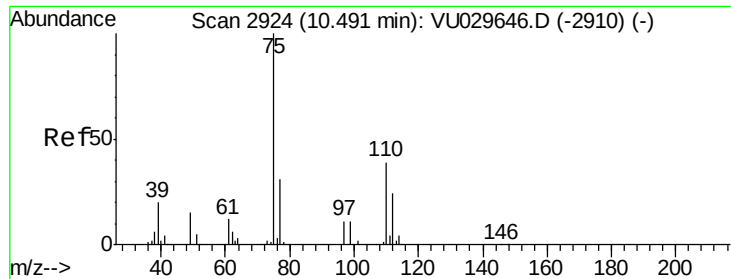
Tgt Ion: 75 Resp: 4931
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.3 41.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.723 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU029655.D
 Acq: 25 Feb 2019 14:07

Tgt Ion: 75 Resp: 3403
 Ion Ratio Lower Upper
 75 100
 77 44.6 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.149 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029655.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_U

ClientSampleId :

BF5D3

Tgt Ion: 75 Resp: 22740

Ion Ratio Lower Upper

75 100

77 37.5 25.7 38.5

