

Data File : VU029627.D
Acq On : 22 Feb 2019 18:10
Operator : JC/SP
Sample : K1543-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Z0

Quant Time: Feb 22 23:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	465100	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441375	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210630	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142653	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.72%
7) Chloroethane-d5	1.68	69	127538	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.18%
11) 1,1-Dichloroethene-d2	2.27	63	208232	31.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.52%
21) 2-Butanone-d5	4.17	46	257256	124.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.04%
24) Chloroform-d	4.65	84	264494	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.31	65	170475	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.34	84	553915	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
36) 1,2-Dichloropropane-d6	6.33	67	171955	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.56	98	529712	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.85	79	77198	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.12%
47) 2-Hexanone-d5	8.31	63	236288	126.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278074	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	220357	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

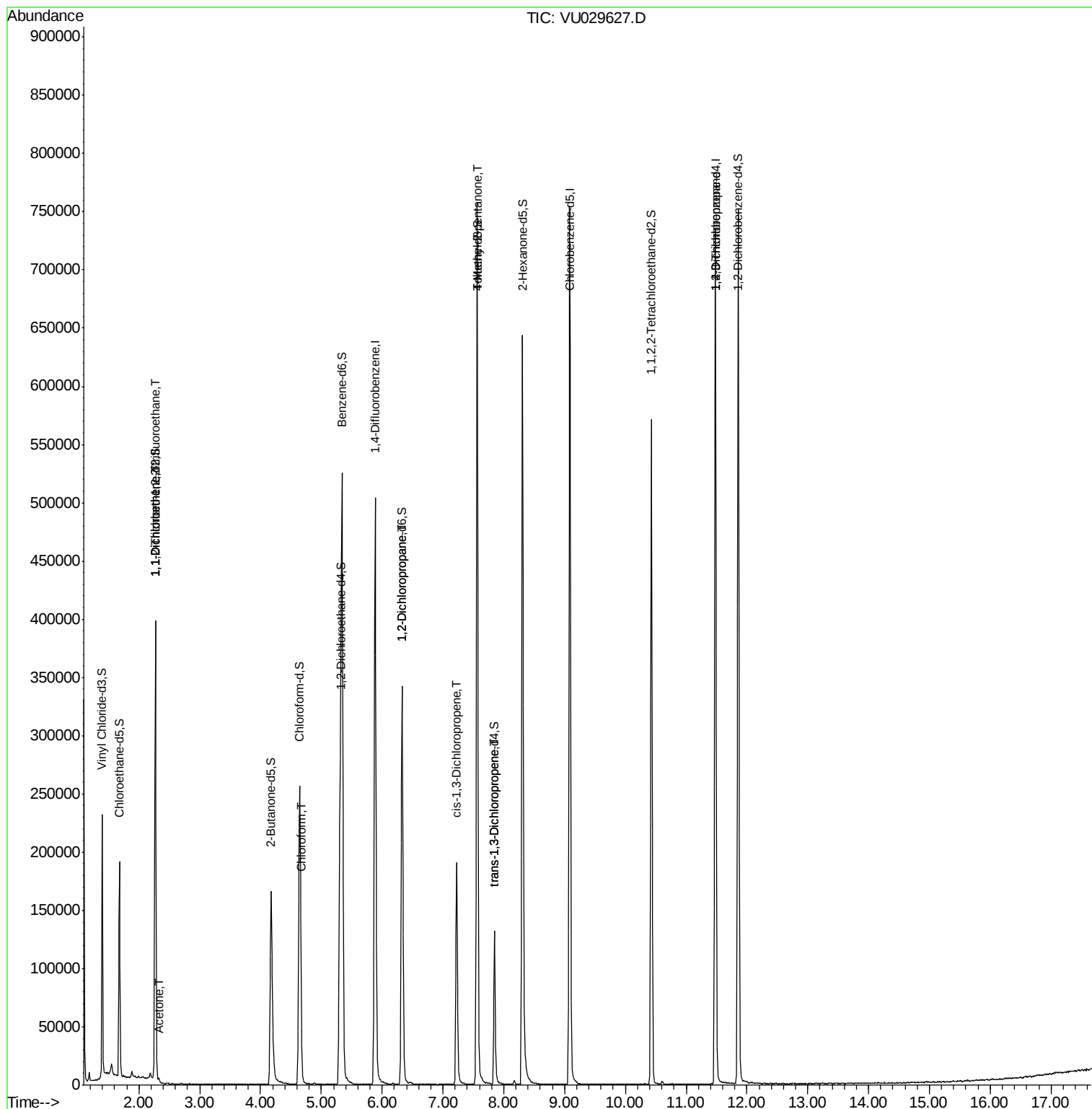
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2055	0.634	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1980	0.643	ug/L #	1
13) Acetone	2.32	43	1340	0.605	ug/L	81
25) Chloroform	4.67	83	3263	0.595	ug/L	88
37) 1,2-Dichloropropane	6.33	63	17919	6.032	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	4723	0.985	ug/L #	57
40) 4-Methyl-2-pentanone	7.56	43	2038	0.488	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	2826	0.626	ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	21099	4.982	ug/L	90

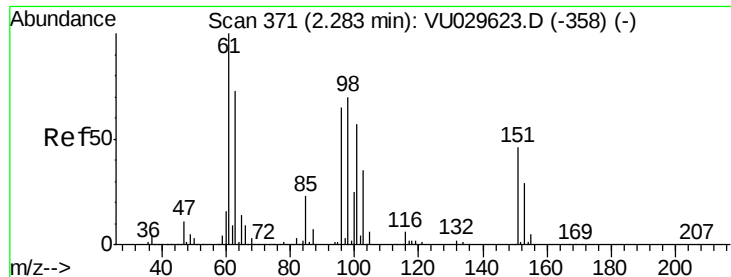
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration





#10

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

Concen: 0.634 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029627.D

Acq: 22 Feb 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

BF5Z0

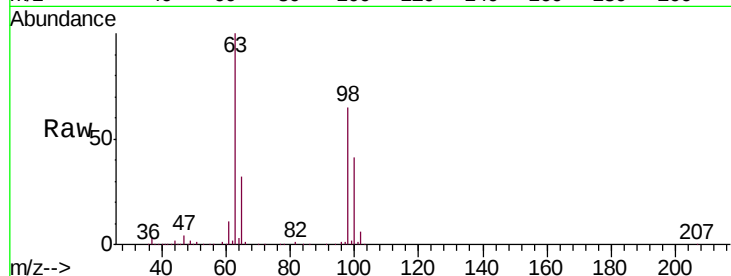
Tgt Ion: 101 Resp: 2055

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

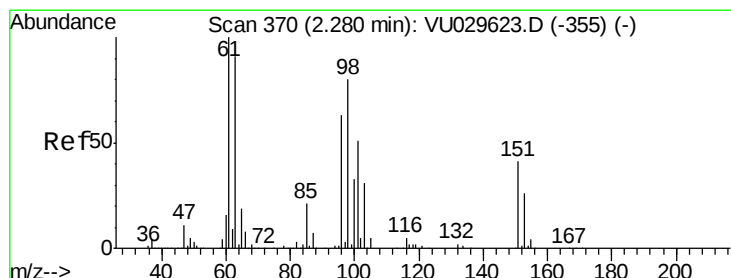
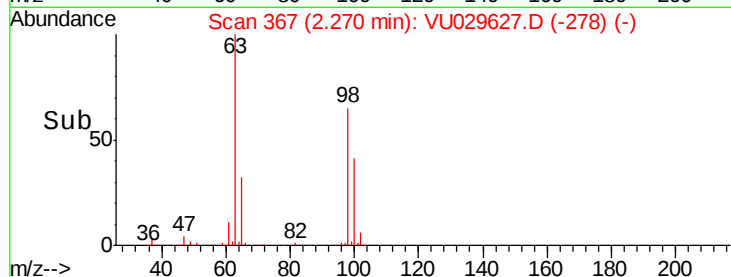
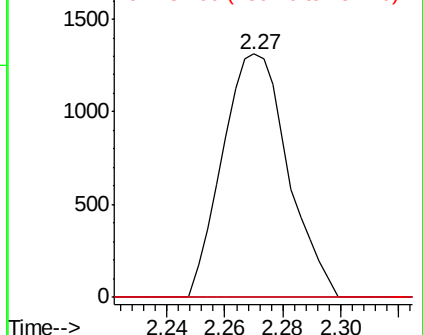
151 0.0 65.7 98.5#



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: 0.643 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029627.D

Acq: 22 Feb 2019 18:10

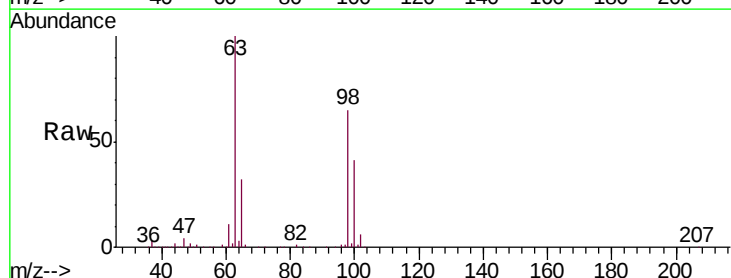
Tgt Ion: 96 Resp: 1980

Ion Ratio Lower Upper

96 100

61 1176.4 114.0 211.8#

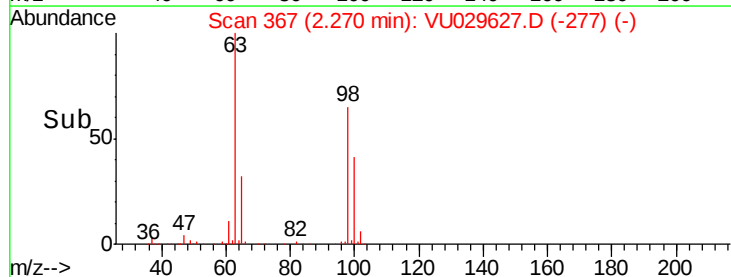
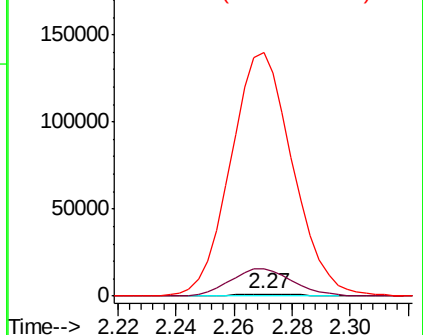
63 10423.3 98.7 183.3#

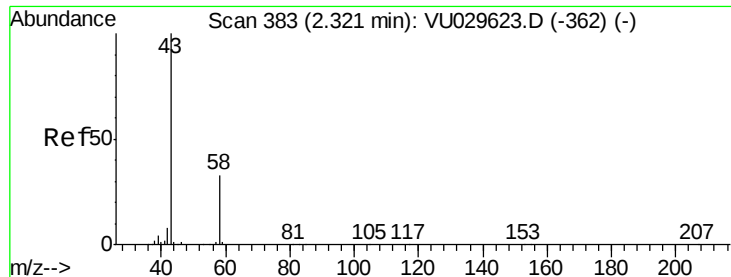


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.605 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

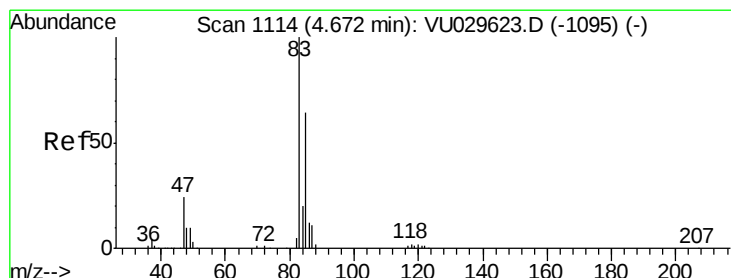
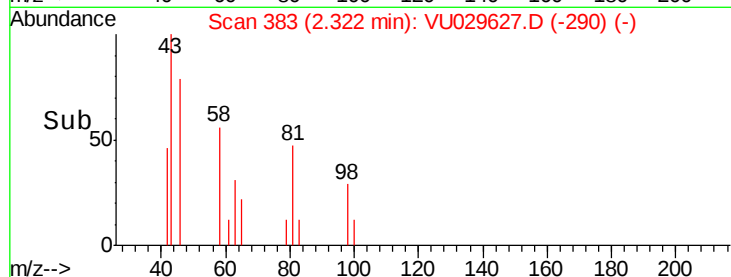
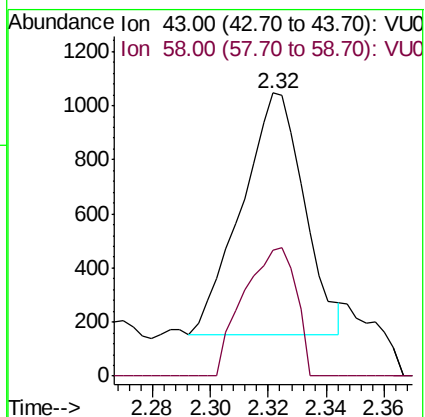
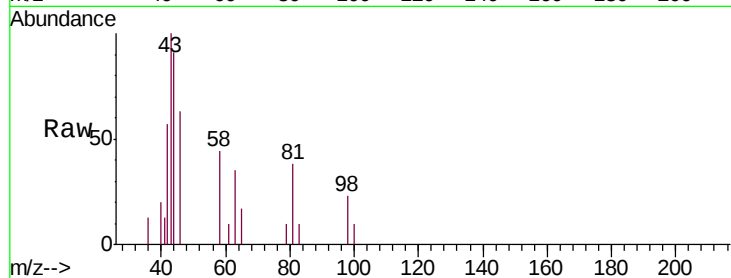
BF5Z0

Tgt Ion: 43 Resp: 1340

Ion Ratio Lower Upper

43 100

58 44.5 0.0 66.8



#25

Chloroform

Concen: 0.595 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029627.D

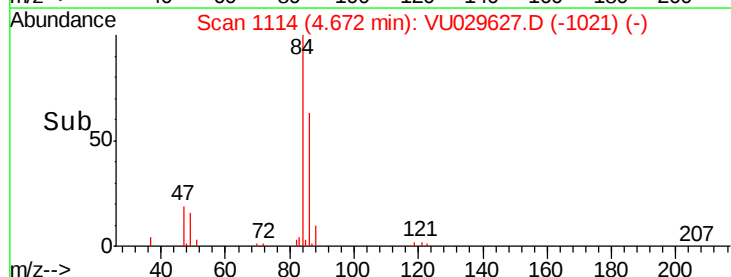
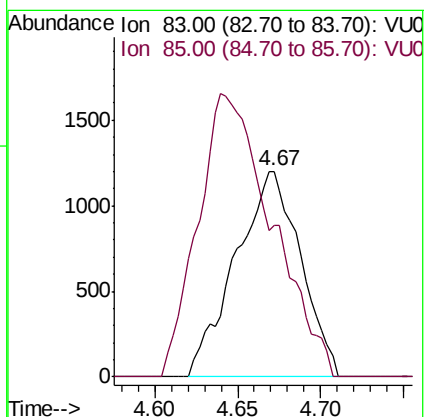
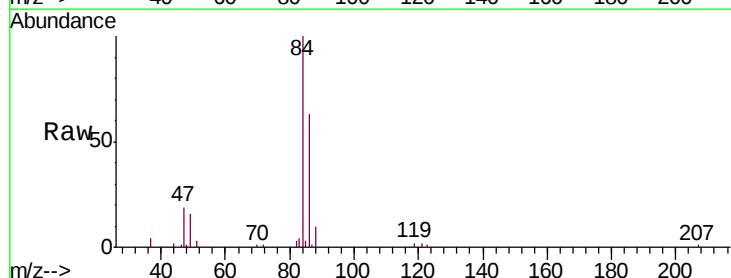
Acq: 22 Feb 2019 18:10

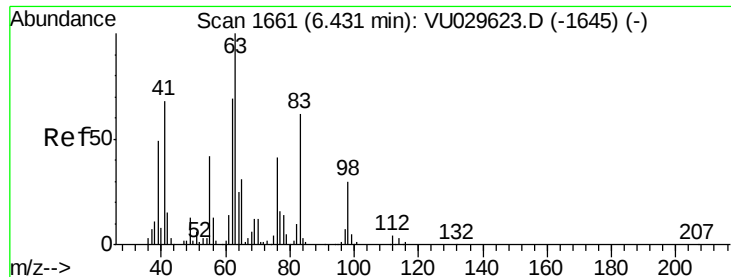
Tgt Ion: 83 Resp: 3263

Ion Ratio Lower Upper

83 100

85 73.9 45.4 84.2





#37

1,2-Dichloropropane

Concen: 6.032 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029627.D

Acq: 22 Feb 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

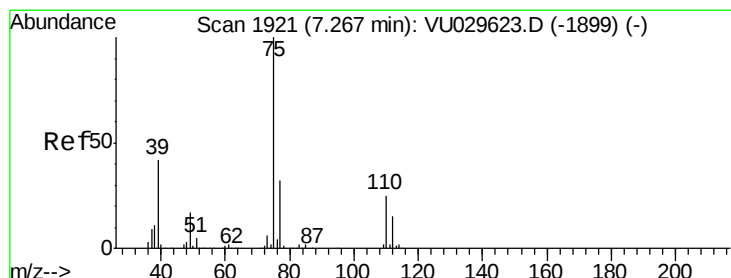
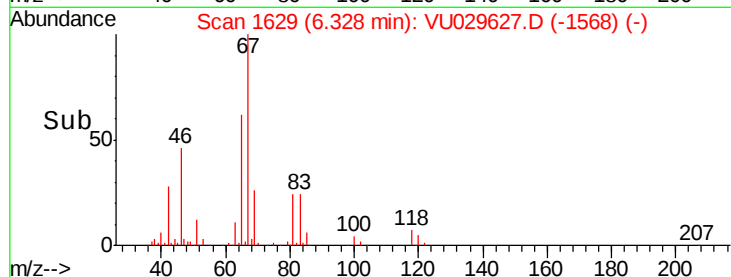
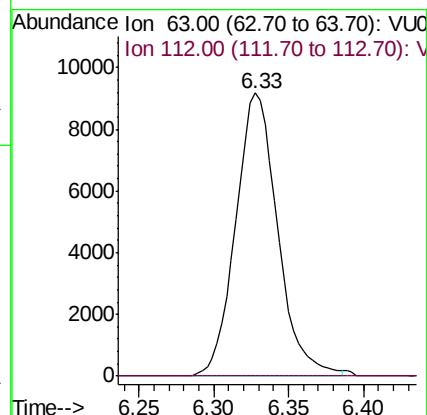
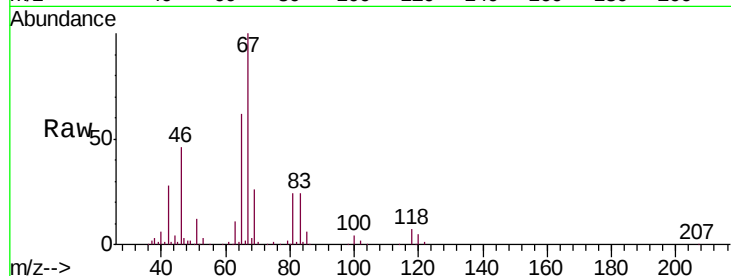
BF5Z0

Tgt Ion: 63 Resp: 17919

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.985 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029627.D

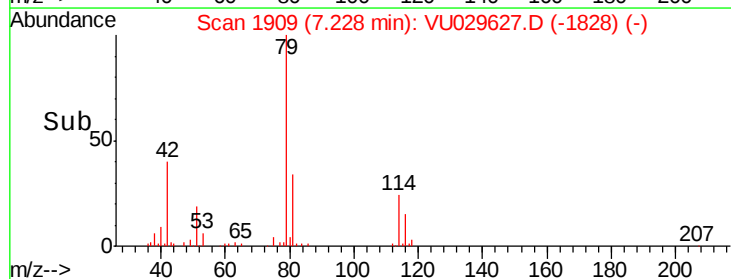
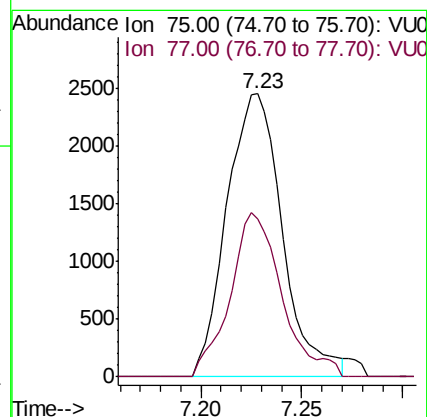
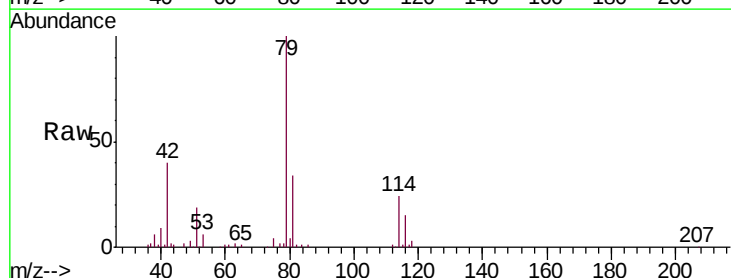
Acq: 22 Feb 2019 18:10

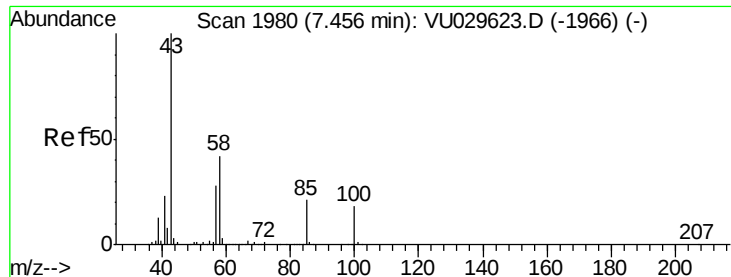
Tgt Ion: 75 Resp: 4723

Ion Ratio Lower Upper

75 100

77 55.7 22.3 41.5#

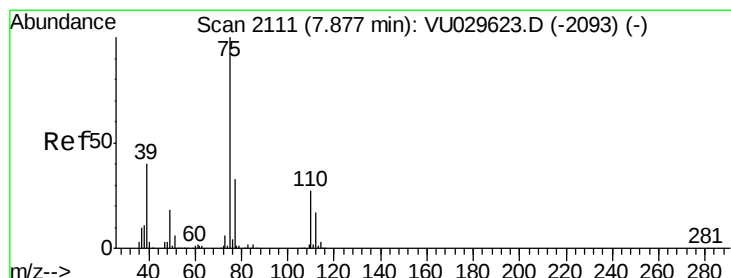
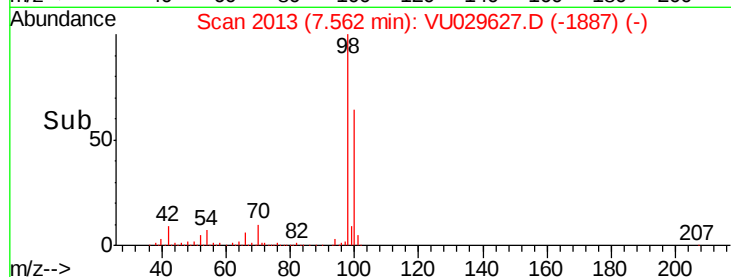
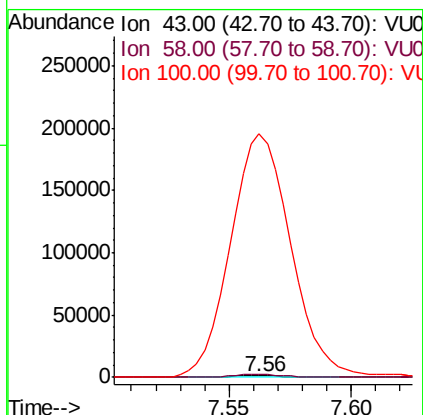
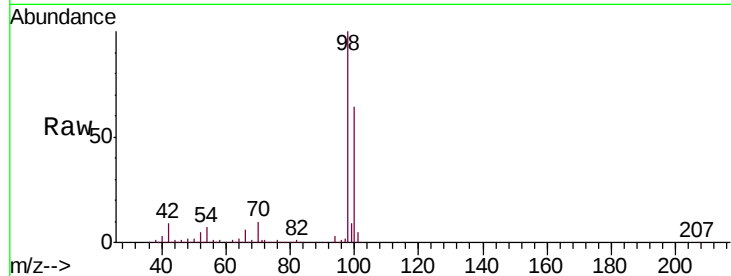




#40
 4-Methyl-2-pentanone
 Concen: 0.488 ug/L
 RT: 7.56 min Scan# 2013
 Delta R.T. 0.11 min
 Lab File: VU029627.D
 Acq: 22 Feb 2019 18:10

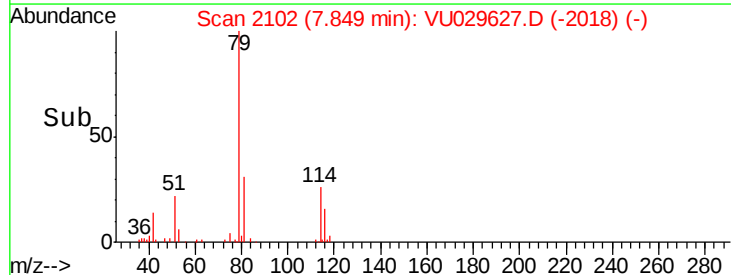
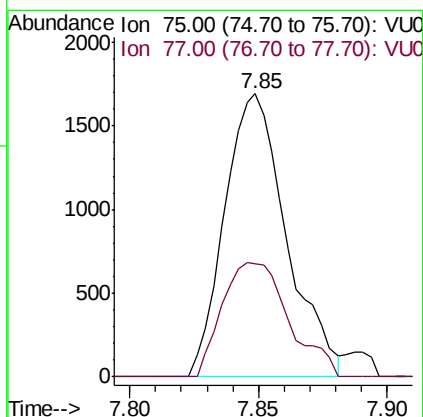
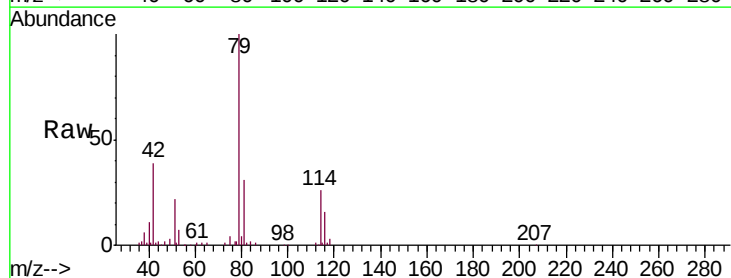
Instrument :
 MSVOA_U
 ClientSampled :
 BF5Z0

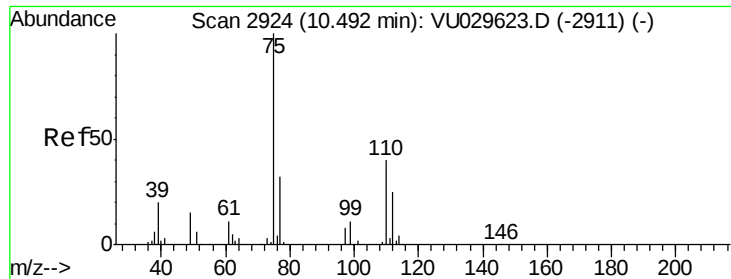
Tgt Ion: 43 Resp: 2038
 Ion Ratio Lower Upper
 43 100
 58 176.4 33.0 49.4#
 100 16706.0 14.5 21.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.626 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU029627.D
 Acq: 22 Feb 2019 18:10

Tgt Ion: 75 Resp: 2826
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 4.982 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029627.D

Acq: 22 Feb 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

BF5Z0

Tgt Ion: 75 Resp: 21099

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5

