

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029893.D
 Acq On : 08 Mar 2019 17:23
 Operator : JC/SP
 Sample : K1721-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8B9

Quant Time: Mar 08 22:18:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	471517	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125302	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.54%
7) Chloroethane-d5	1.68	69	115238	37.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.04%
11) 1,1-Dichloroethene-d2	2.27	63	183488	27.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.34%#
21) 2-Butanone-d5	4.17	46	221205	105.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.20%
24) Chloroform-d	4.64	84	266016	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
26) 1,2-Dichloroethane-d4	5.31	65	165778	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
32) Benzene-d6	5.34	84	565041	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.33	67	178573	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.70%
41) Toluene-d8	7.56	98	510917	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.85	79	79746	42.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.62%
47) 2-Hexanone-d5	8.31	63	175854	89.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	275827	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	215547	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%

Target Compounds

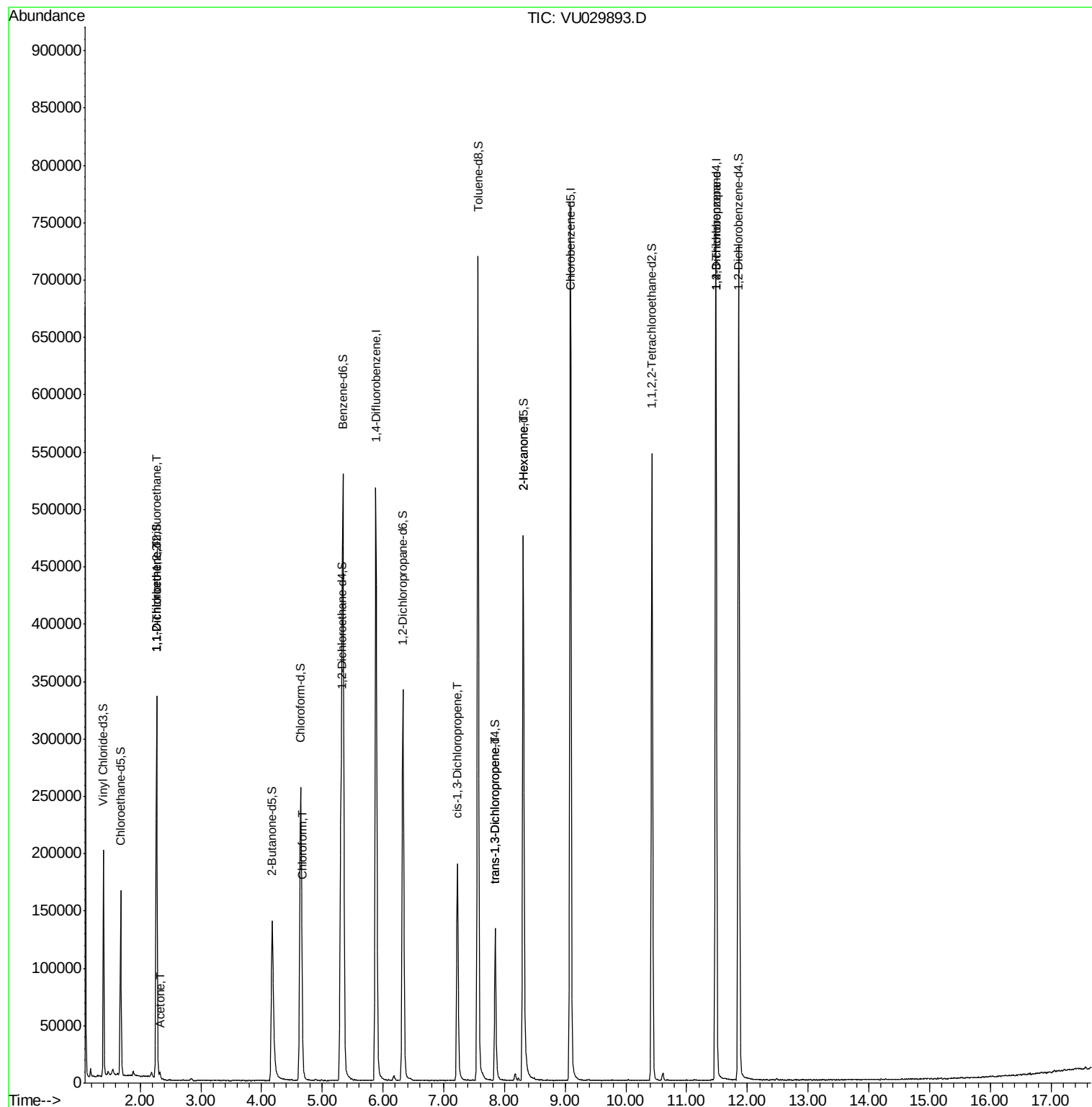
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1941	0.591 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1843	0.590 ug/L #	1
13) Acetone	2.32	43	4824	2.147 ug/L	95
25) Chloroform	4.67	83	6619	1.190 ug/L	94
39) cis-1,3-Dichloropropene	7.23	75	4230	0.840 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	3453	0.727 ug/L	91
48) 2-Hexanone	8.31	43	18820	4.907 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	22707	5.101 ug/L	94

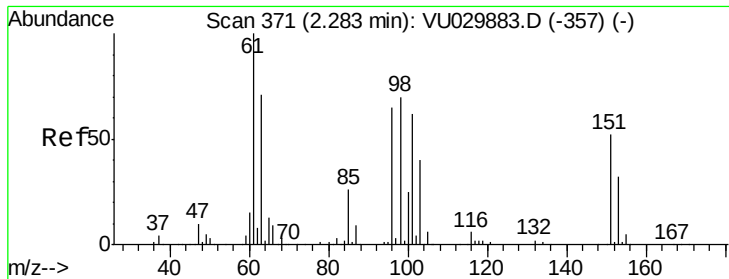
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.591 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029893.D

Acq: 08 Mar 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

BF8B9

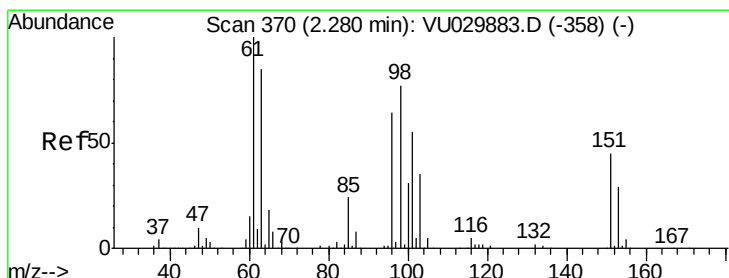
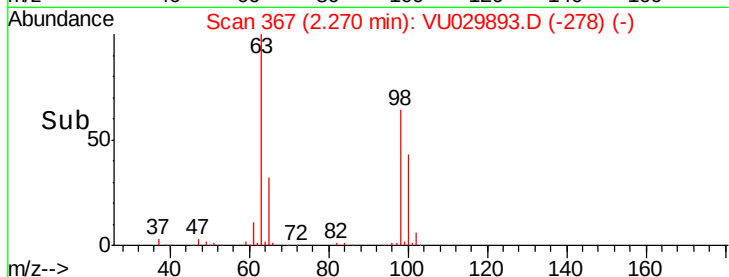
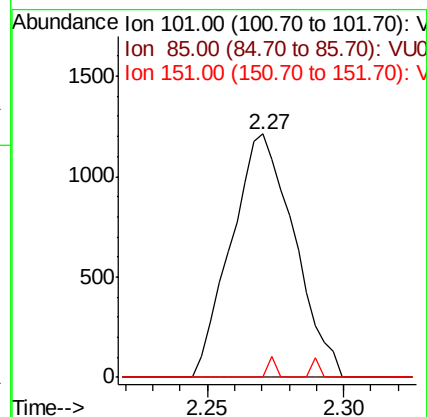
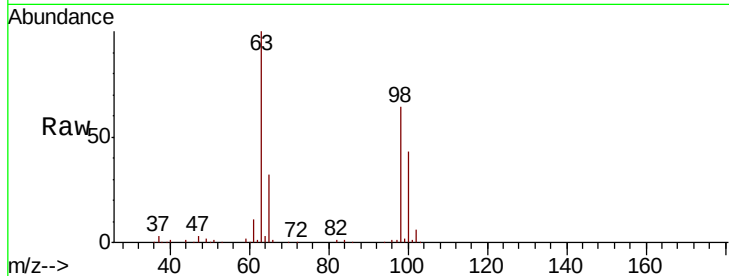
Tgt Ion: 101 Resp: 1941

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 0.0 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029893.D

Acq: 08 Mar 2019 17:23

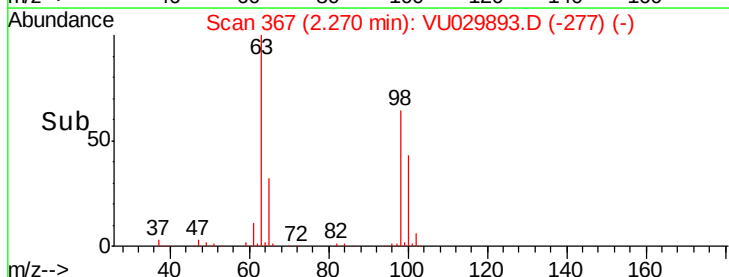
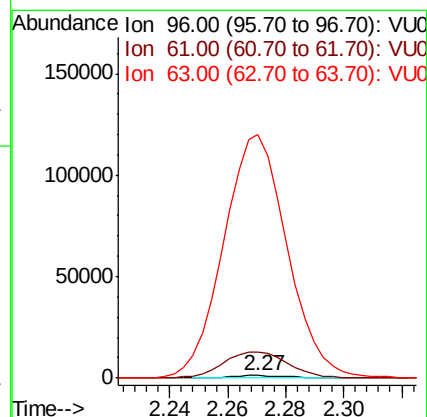
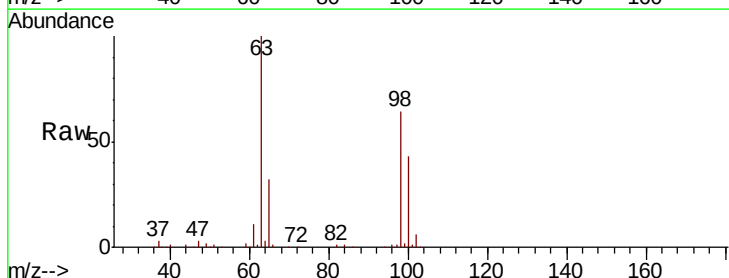
Tgt Ion: 96 Resp: 1843

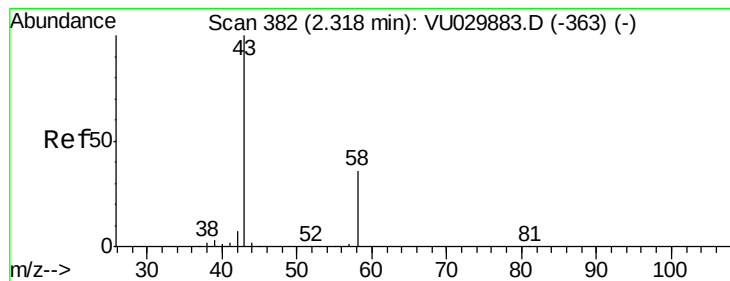
Ion Ratio Lower Upper

96 100

61 1106.0 114.0 211.8#

63 10150.9 98.7 183.3#





#13

Acetone

Concen: 2.147 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029893.D

Acq: 08 Mar 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

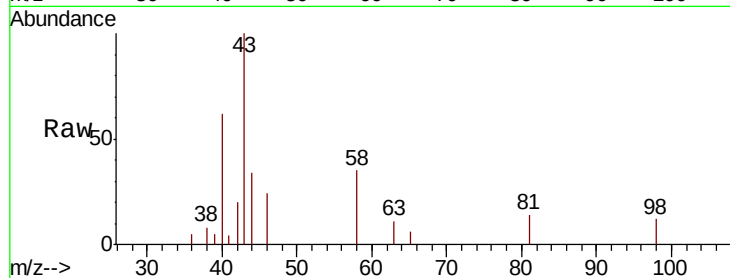
BF8B9

Tgt Ion: 43 Resp: 4824

Ion Ratio Lower Upper

43 100

58 30.5 0.0 66.8



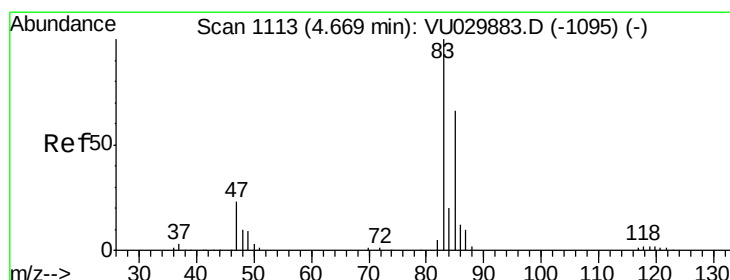
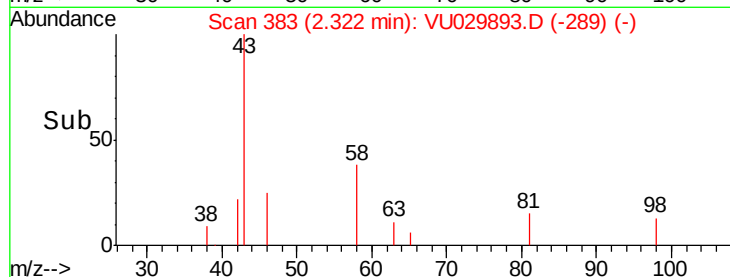
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

2.35

Time-->



#25

Chloroform

Concen: 1.190 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029893.D

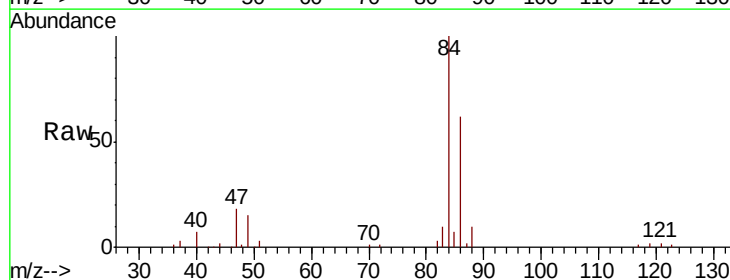
Acq: 08 Mar 2019 17:23

Tgt Ion: 83 Resp: 6619

Ion Ratio Lower Upper

83 100

85 69.5 45.4 84.2



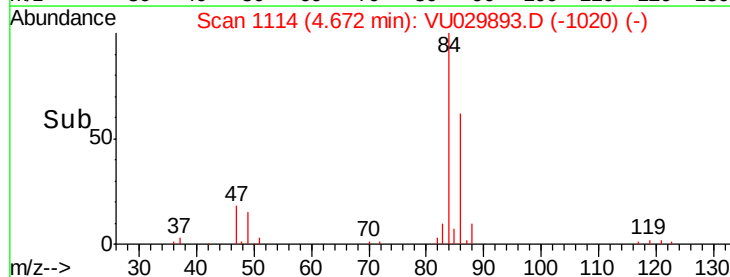
Abundance Ion 83.00 (82.70 to 83.70): VU0

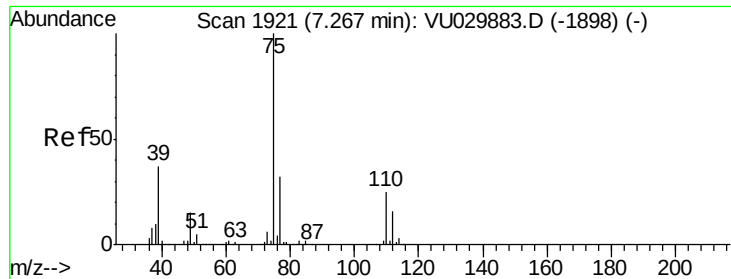
Ion 85.00 (84.70 to 85.70): VU0

4.67

4.70

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029893.D

Acq: 08 Mar 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

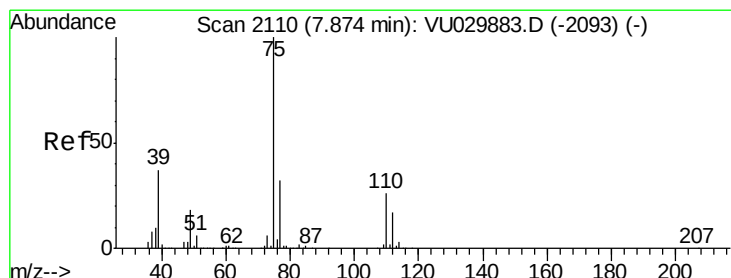
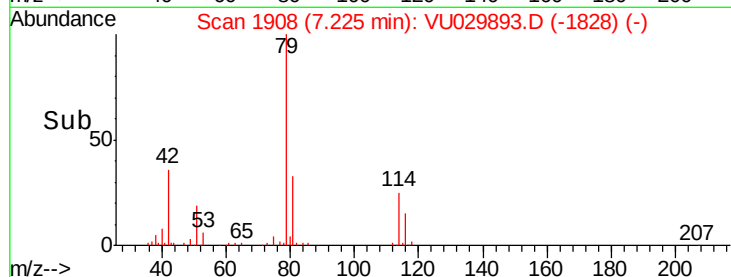
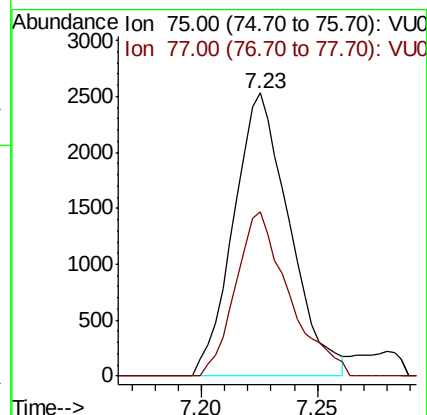
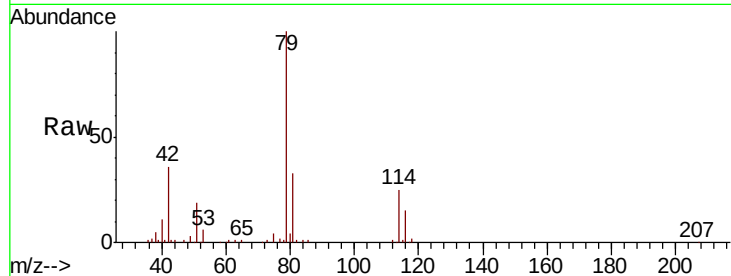
BF8B9

Tgt Ion: 75 Resp: 4230

Ion Ratio Lower Upper

75 100

77 58.0 22.3 41.5#



#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029893.D

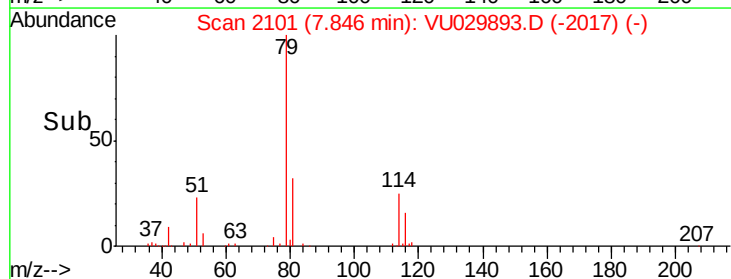
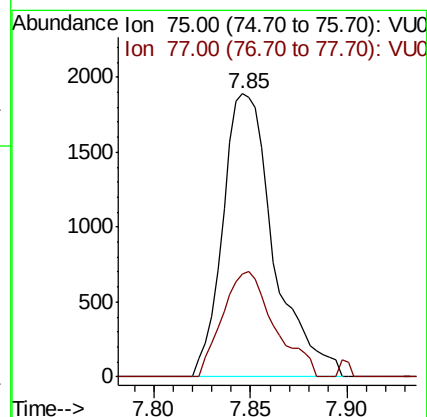
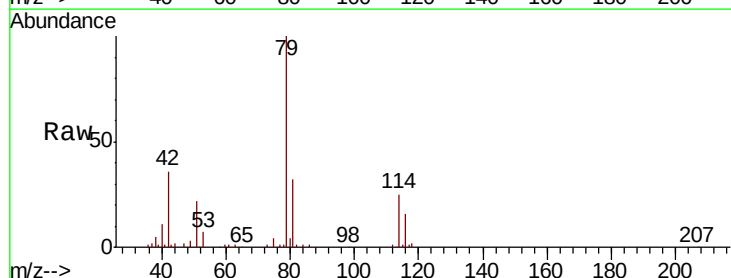
Acq: 08 Mar 2019 17:23

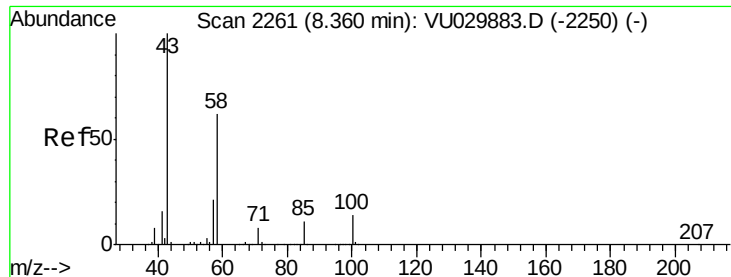
Tgt Ion: 75 Resp: 3453

Ion Ratio Lower Upper

75 100

77 36.4 22.1 41.1

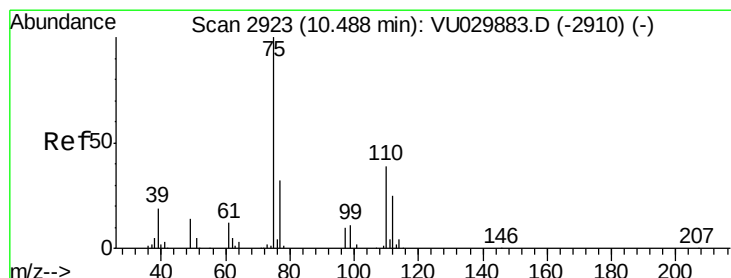
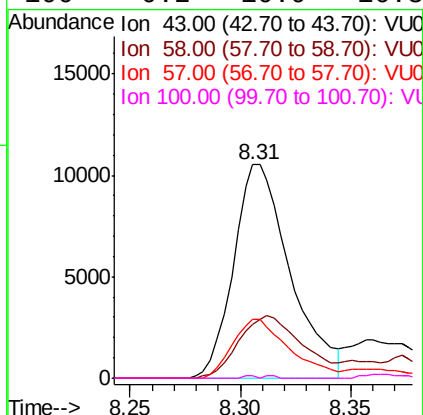
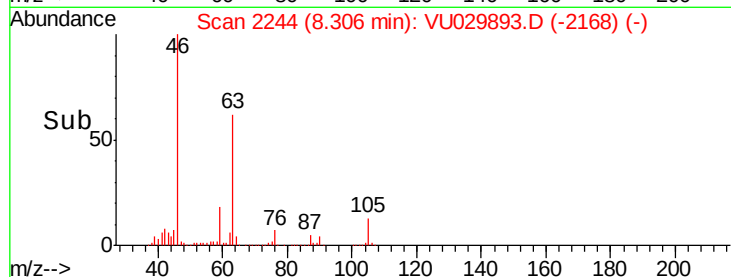
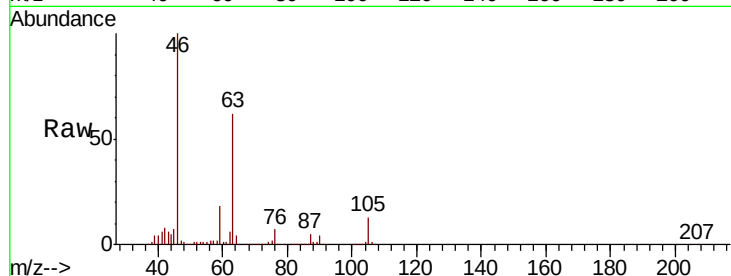




#48
2-Hexanone
Concen: 4.907 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU029893.D
Acq: 08 Mar 2019 17:23

Instrument :
MSVOA_U
ClientSampleId :
BF8B9

Tgt Ion: 43 Resp: 18820
Ion Ratio Lower Upper
43 100
58 33.0 46.4 69.6#
57 27.7 15.7 23.5#
100 0.2 10.9 16.3#



#59
1,2,3-Trichloropropane
Concen: 5.101 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029893.D
Acq: 08 Mar 2019 17:23

Tgt Ion: 75 Resp: 22707
Ion Ratio Lower Upper
75 100
77 35.7 25.7 38.5

