

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029895.D
 Acq On : 08 Mar 2019 18:10
 Operator : JC/SP
 Sample : K1796-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q5

Quant Time: Mar 08 22:19:01 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	453165	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442250	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206344	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122078	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.52%
7) Chloroethane-d5	1.68	69	109490	37.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.18%
11) 1,1-Dichloroethene-d2	2.27	63	176456	27.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.38%#
21) 2-Butanone-d5	4.17	46	215534	106.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	4.65	84	258306	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.31	65	160048	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.34	84	546673	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
36) 1,2-Dichloropropane-d6	6.33	67	173870	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.86%
41) Toluene-d8	7.56	98	496863	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%
43) trans-1,3-Dichloropropene-	7.85	79	75690	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.24%
47) 2-Hexanone-d5	8.31	63	174807	93.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	266153	47.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	209517	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%

Target Compounds

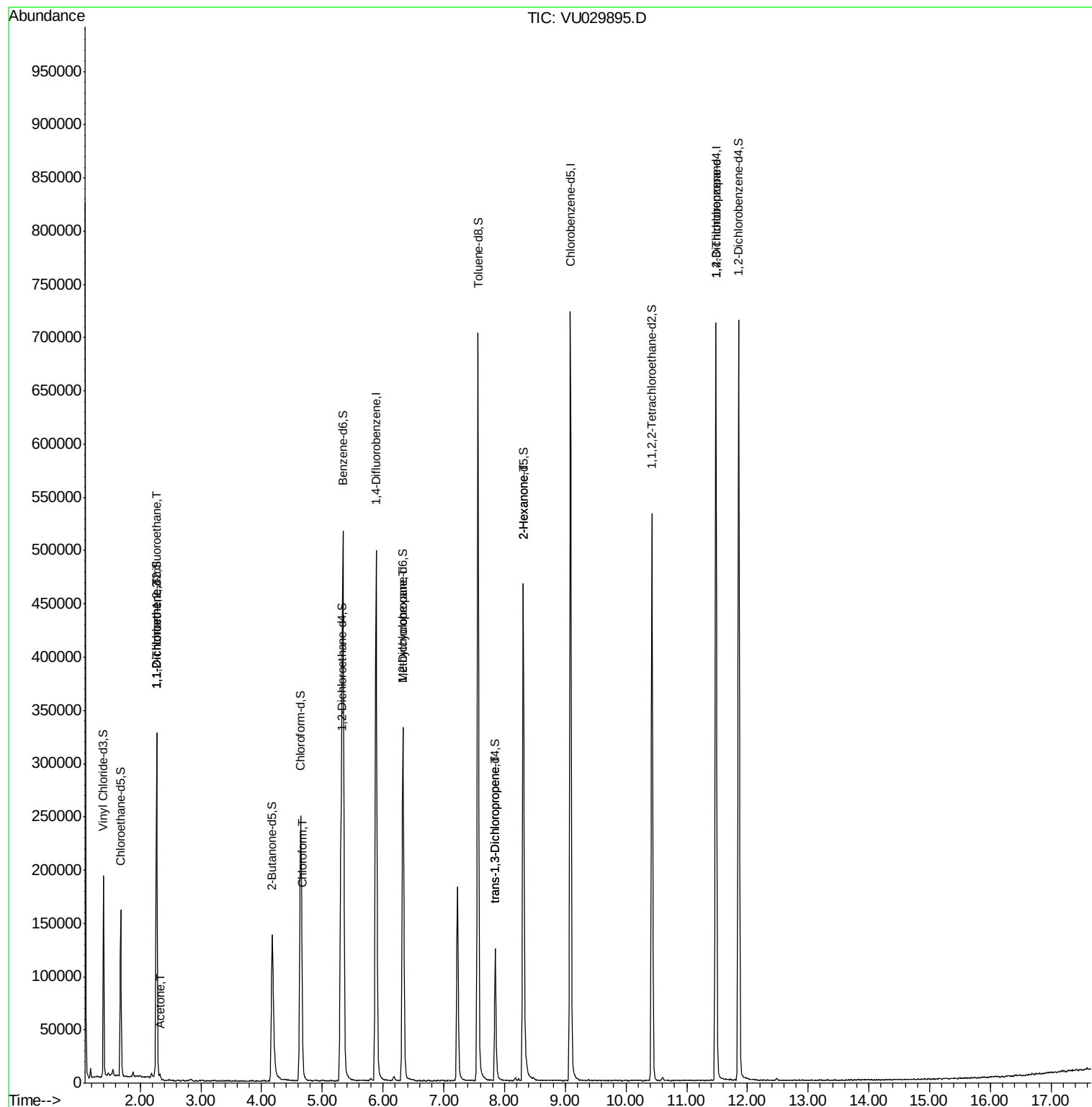
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1975	0.626 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1654	0.551 ug/L #	1
13) Acetone	2.32	43	3929	1.820 ug/L	100
25) Chloroform	4.67	83	5217	0.976 ug/L	100
35) Methylcyclohexane	6.33	83	40644	8.012 ug/L #	22
44) trans-1,3-Dichloropropene	7.85	75	3086	0.682 ug/L #	76
48) 2-Hexanone	8.31	43	18892	5.167 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	21481	5.062 ug/L	95

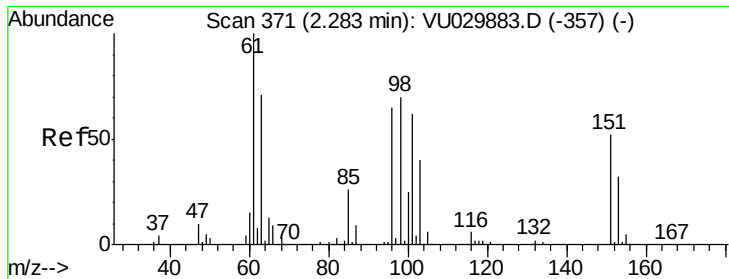
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.626 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029895.D

Acq: 08 Mar 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

BF5Q5

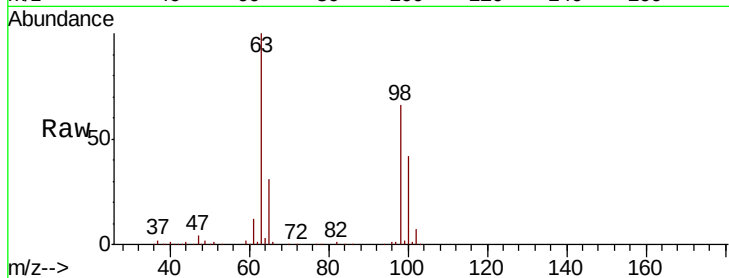
Tgt Ion:101 Resp: 1975

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

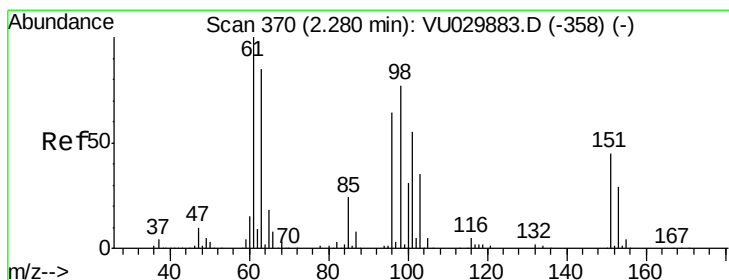
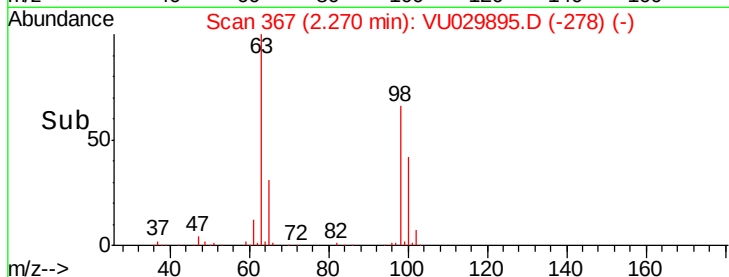
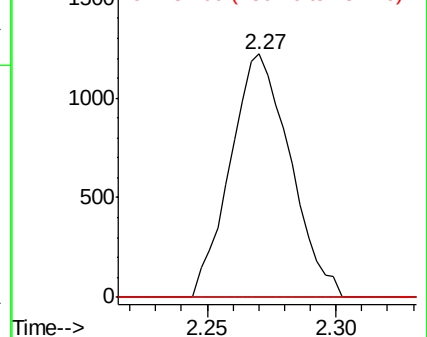
151 0.0 65.7 98.5#



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: 0.551 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029895.D

Acq: 08 Mar 2019 18:10

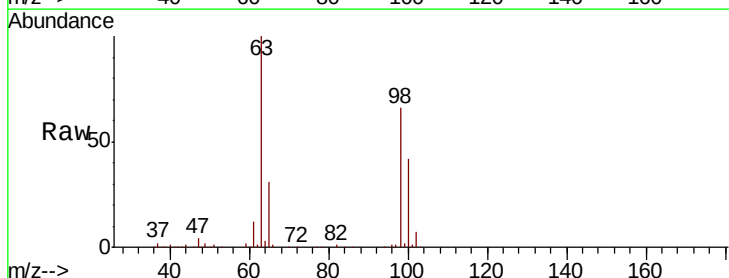
Tgt Ion: 96 Resp: 1654

Ion Ratio Lower Upper

96 100

61 1240.5 114.0 211.8#

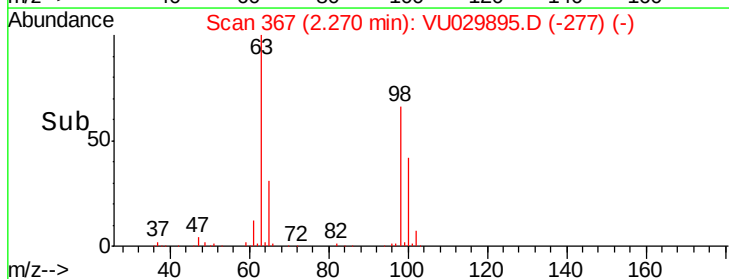
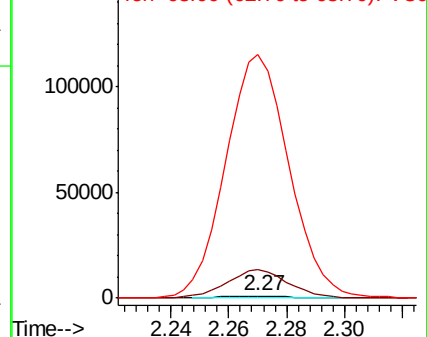
63 10531.5 98.7 183.3#

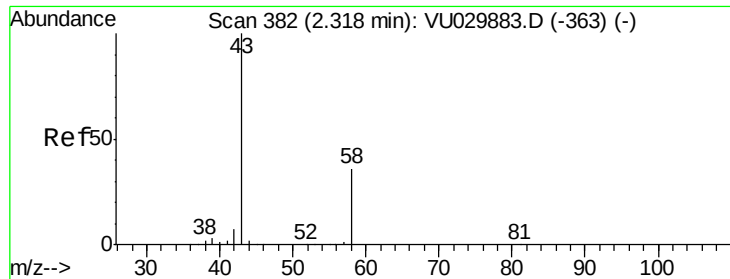


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.820 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029895.D

Acq: 08 Mar 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

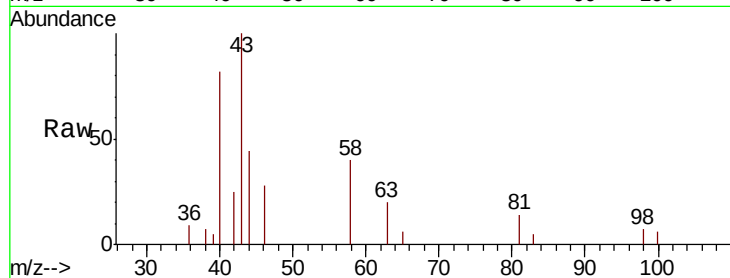
BF5Q5

Tgt Ion: 43 Resp: 3929

Ion Ratio Lower Upper

43 100

58 33.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2500

2000

1500

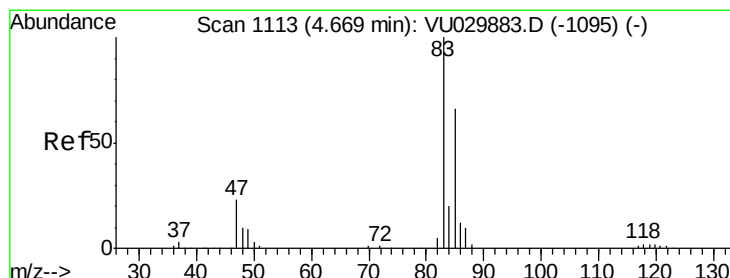
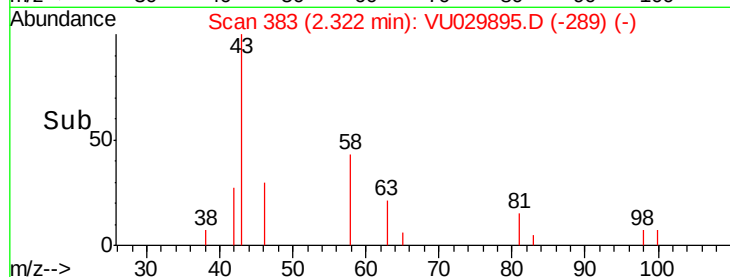
1000

500

0

2.30 2.35

Time-->



#25

Chloroform

Concen: 0.976 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029895.D

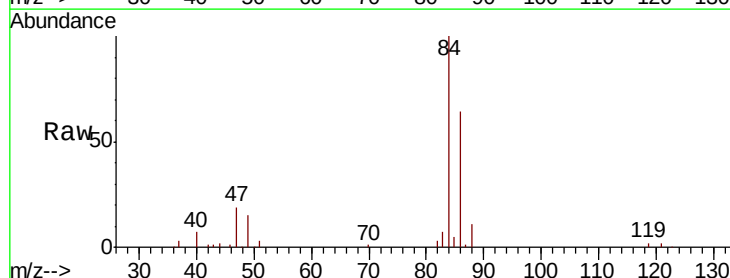
Acq: 08 Mar 2019 18:10

Tgt Ion: 83 Resp: 5217

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

2000

1500

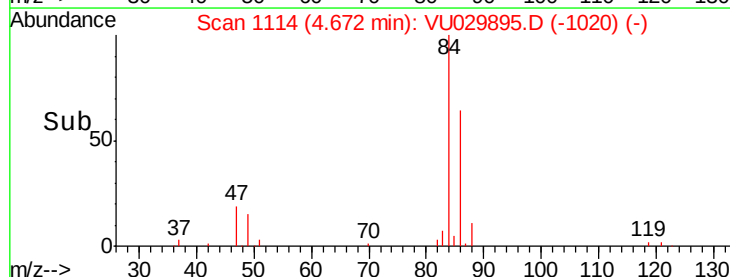
1000

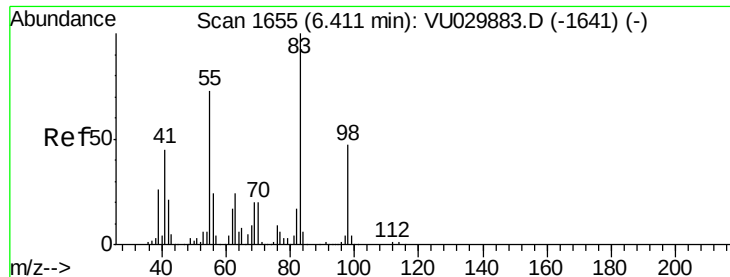
500

0

4.60 4.65 4.70 4.75

Time-->

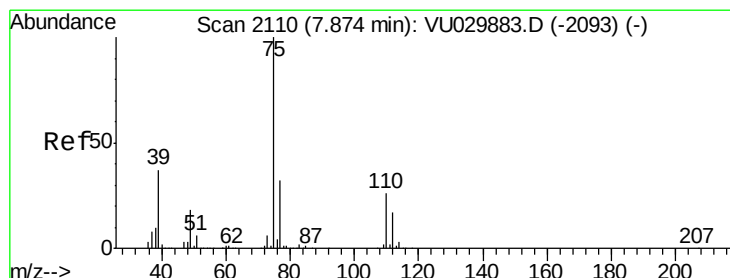
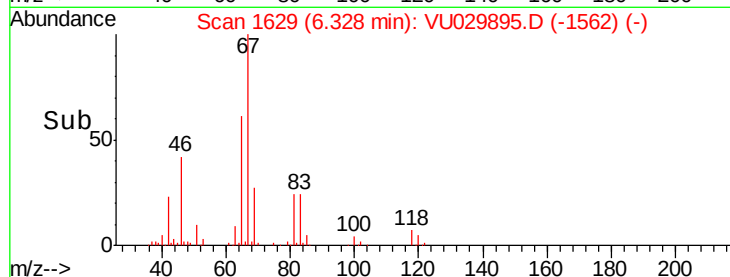
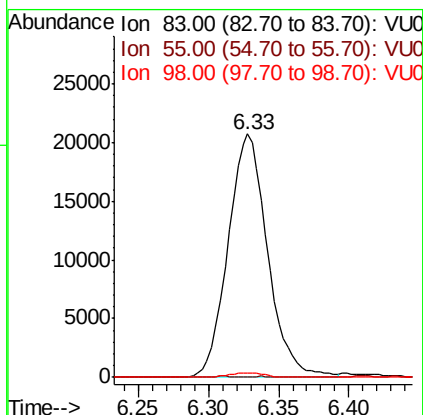
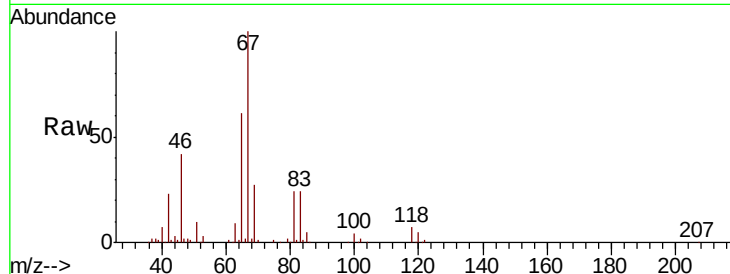




#35
Methylcyclohexane
Concen: 8.012 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029895.D
Acq: 08 Mar 2019 18:10

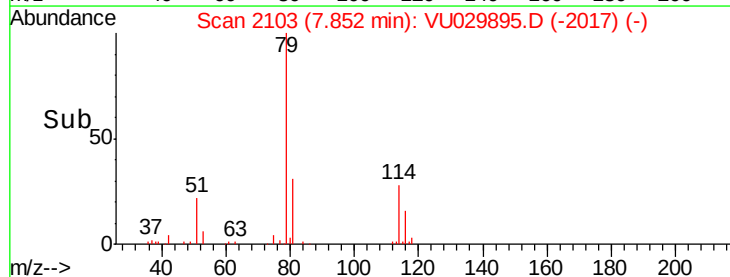
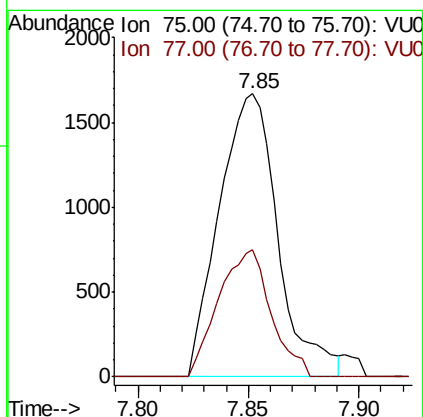
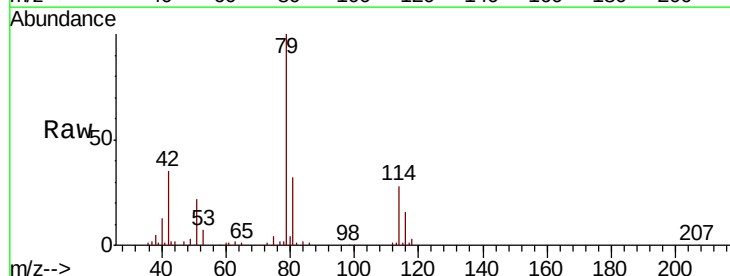
Instrument :
MSVOA_U
ClientSampled :
BF5Q5

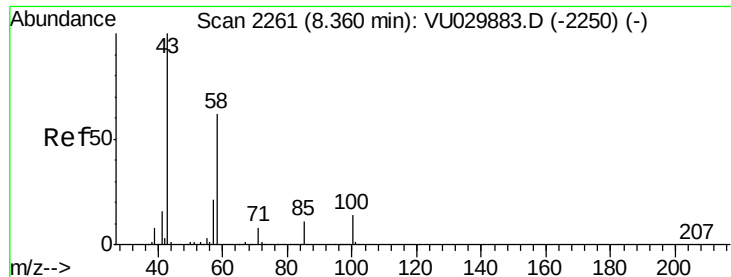
Tgt Ion: 83 Resp: 40644
Ion Ratio Lower Upper
83 100
55 0.1 55.2 82.8#
98 1.5 39.4 59.2#



#44
trans-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU029895.D
Acq: 08 Mar 2019 18:10

Tgt Ion: 75 Resp: 3086
Ion Ratio Lower Upper
75 100
77 44.8 22.1 41.1#

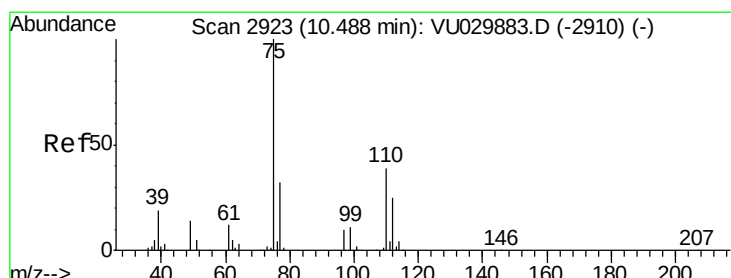
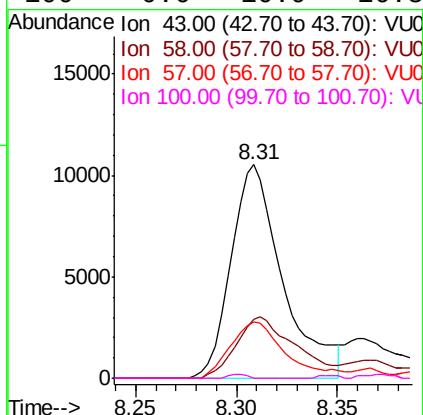
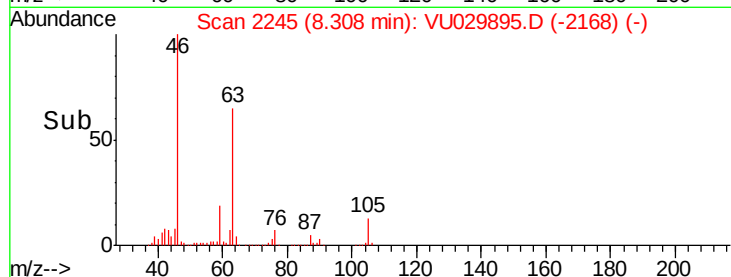
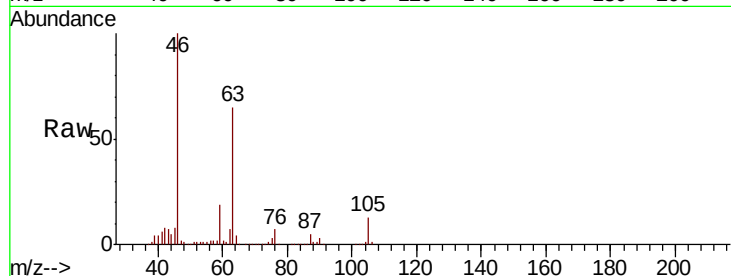




#48
 2-Hexanone
 Concen: 5.167 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029895.D
 Acq: 08 Mar 2019 18:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q5

Tgt Ion: 43 Resp: 18892
 Ion Ratio Lower Upper
 43 100
 58 32.1 46.4 69.6#
 57 26.7 15.7 23.5#
 100 0.6 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.062 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029895.D
 Acq: 08 Mar 2019 18:10

Tgt Ion: 75 Resp: 21481
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.7 38.5

