

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029905.D
 Acq On : 08 Mar 2019 22:02
 Operator : JC/SP
 Sample : K1796-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q2

Quant Time: Mar 08 23:54:39 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	449578	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	435897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121165	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.56%
7) Chloroethane-d5	1.68	69	111753	38.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.32%
11) 1,1-Dichloroethene-d2	2.27	63	175048	27.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.36%#
21) 2-Butanone-d5	4.17	46	248422	123.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.91%
24) Chloroform-d	4.65	84	269708	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	5.30	65	167755	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
32) Benzene-d6	5.34	84	572113	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
36) 1,2-Dichloropropane-d6	6.33	67	182480	55.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.60%
41) Toluene-d8	7.56	98	518586	46.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.66%
43) trans-1,3-Dichloropropene-	7.85	79	79436	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.76%
47) 2-Hexanone-d5	8.31	63	198716	108.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293120	52.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	226546	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%

Target Compounds

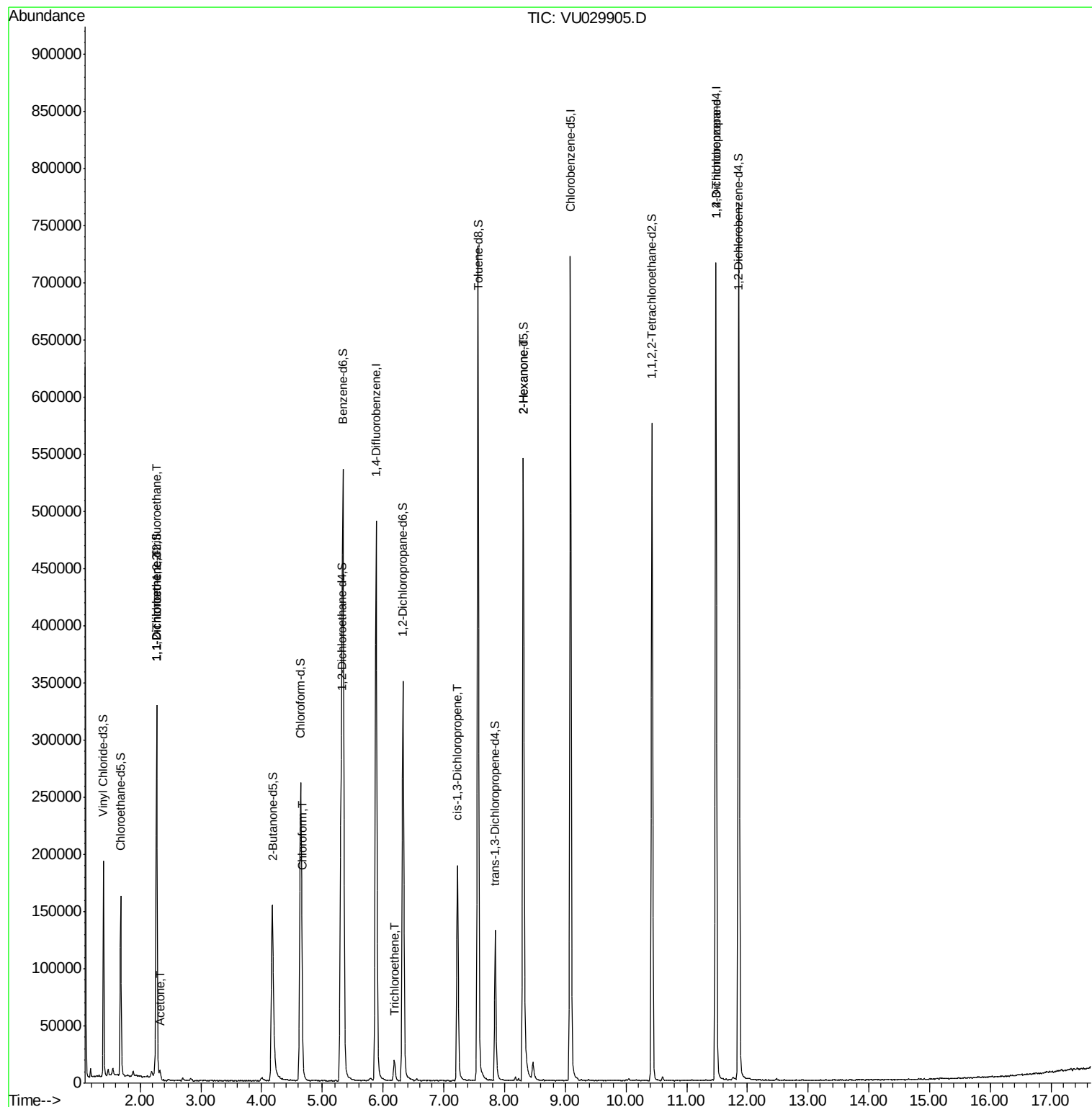
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1798	0.574 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1817	0.610 ug/L #	1
13) Acetone	2.32	43	6891	3.217 ug/L	99
25) Chloroform	4.67	83	5931	1.119 ug/L	88
34) Trichloroethene	6.19	95	6346	2.108 ug/L	97
39) cis-1,3-Dichloropropene	7.23	75	4410	0.932 ug/L #	77
48) 2-Hexanone	8.31	43	20448	5.674 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	21391	5.114 ug/L	97

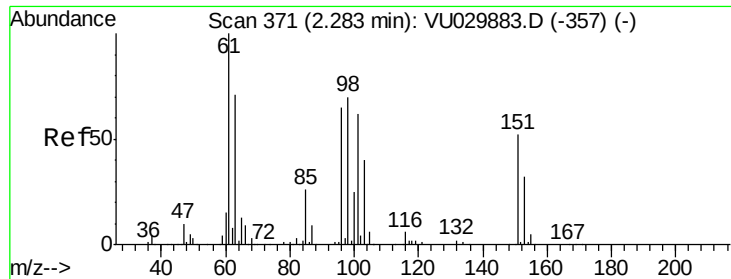
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.574 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029905.D

Acq: 08 Mar 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

BF5Q2

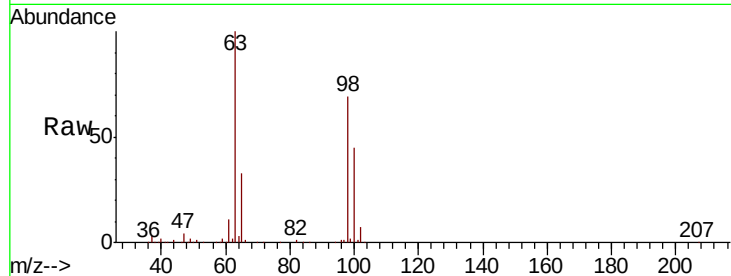
Tgt Ion: 101 Resp: 1798

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

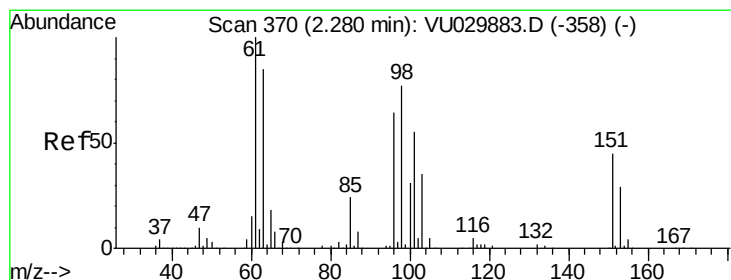
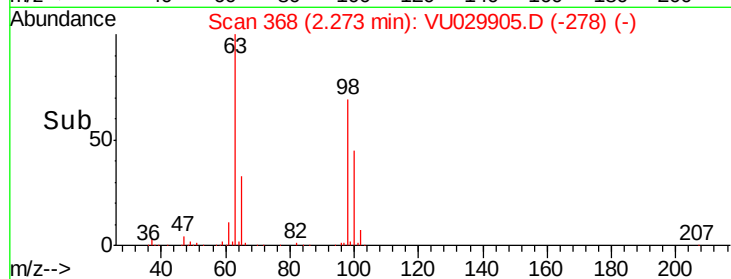
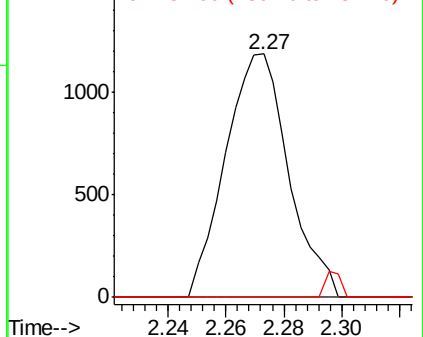
151 2.6 65.7 98.5#



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: 0.610 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029905.D

Acq: 08 Mar 2019 22:02

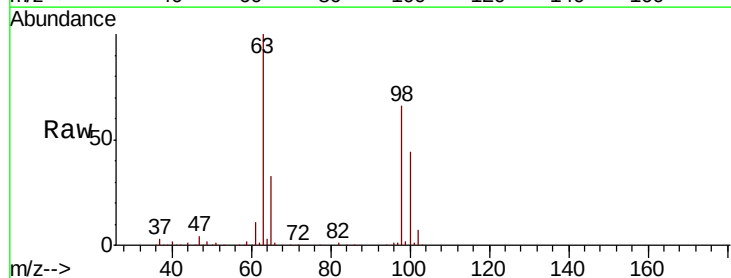
Tgt Ion: 96 Resp: 1817

Ion Ratio Lower Upper

96 100

61 1131.3 114.0 211.8#

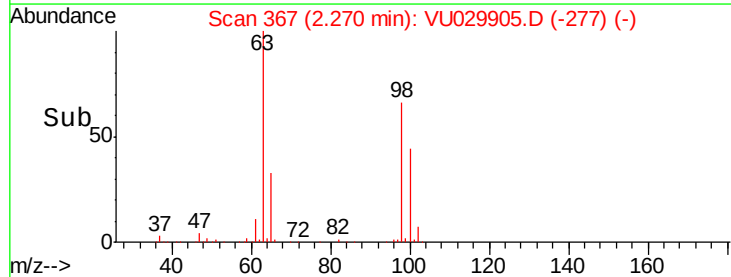
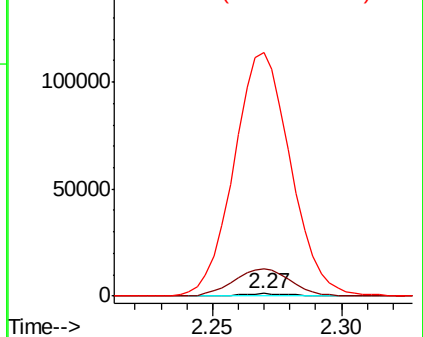
63 10067.3 98.7 183.3#

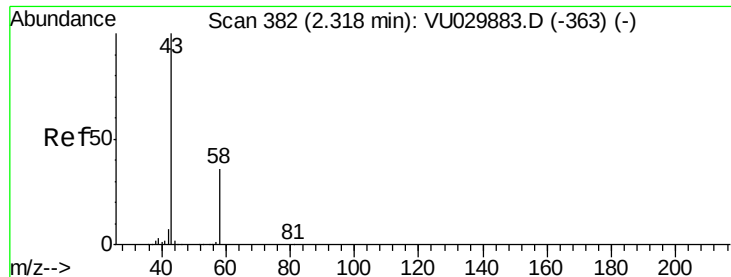


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.217 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029905.D

Acq: 08 Mar 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

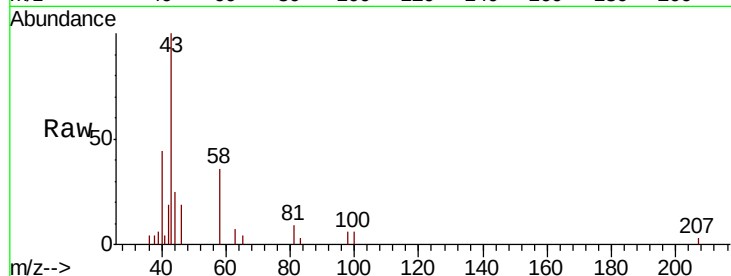
BF5Q2

Tgt Ion: 43 Resp: 6891

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029883.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU029883.D (-363) (-)

6000

5000

4000

3000

2000

1000

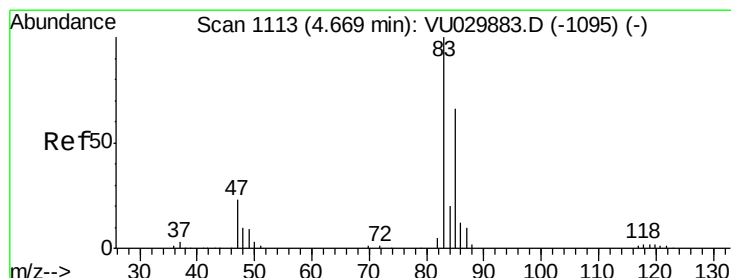
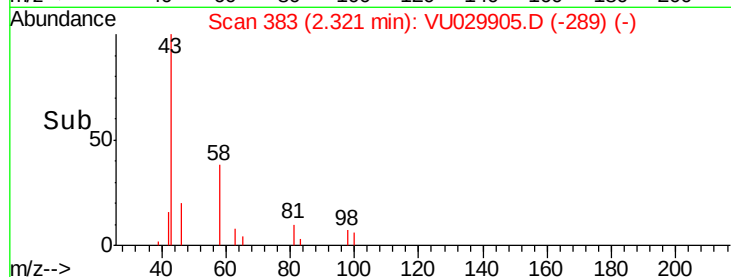
0

2.25

2.30

2.35

Time-->



#25

Chloroform

Concen: 1.119 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029905.D

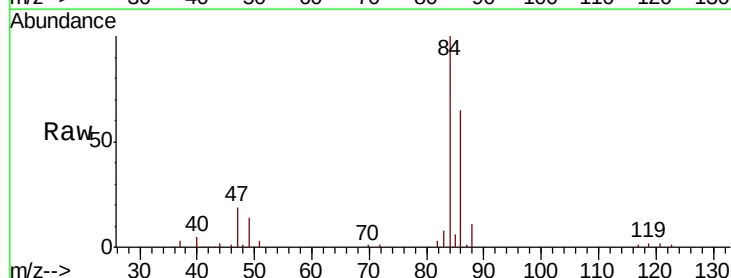
Acq: 08 Mar 2019 22:02

Tgt Ion: 83 Resp: 5931

Ion Ratio Lower Upper

83 100

85 74.4 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU029883.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU029883.D (-1095) (-)

2500

2000

1500

1000

500

0

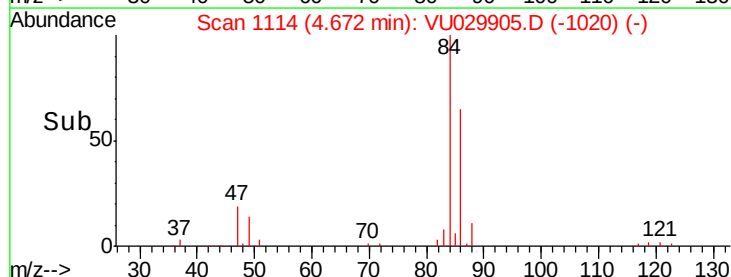
4.60

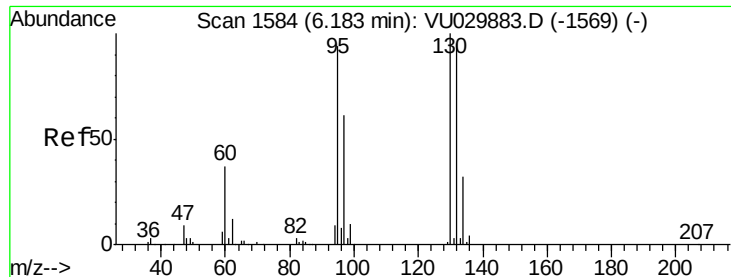
4.65

4.70

4.75

Time-->





#34

Trichloroethene

Concen: 2.108 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU029905.D

Acq: 08 Mar 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

BF5Q2

Tgt Ion: 95 Resp: 6346

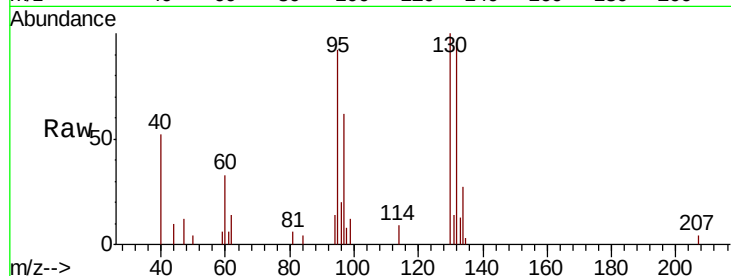
Ion Ratio Lower Upper

95 100

97 67.7 44.6 82.8

132 103.8 74.6 138.6

130 108.4 77.2 143.4

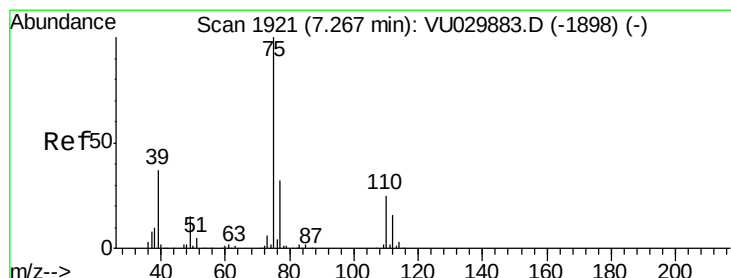
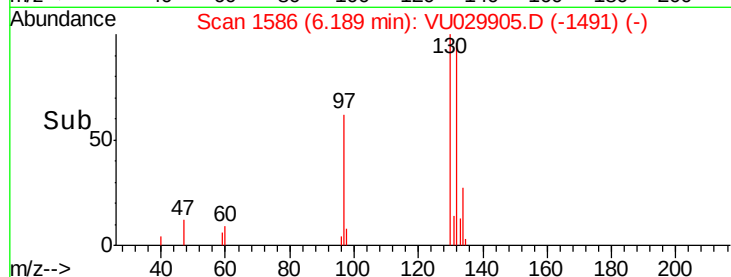
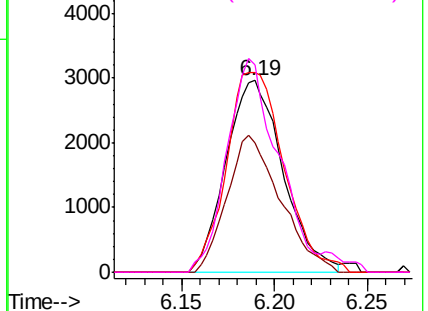


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.932 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029905.D

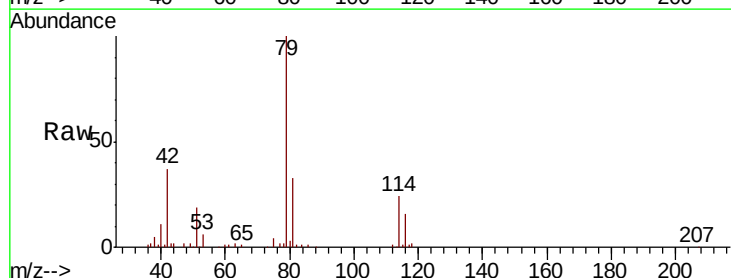
Acq: 08 Mar 2019 22:02

Tgt Ion: 75 Resp: 4410

Ion Ratio Lower Upper

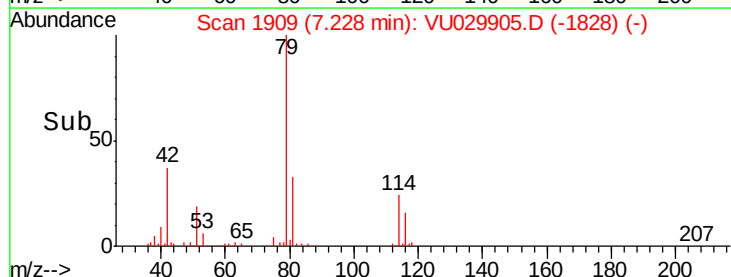
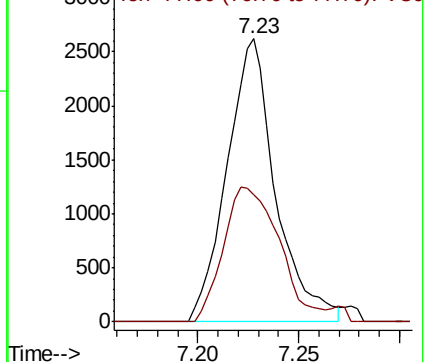
75 100

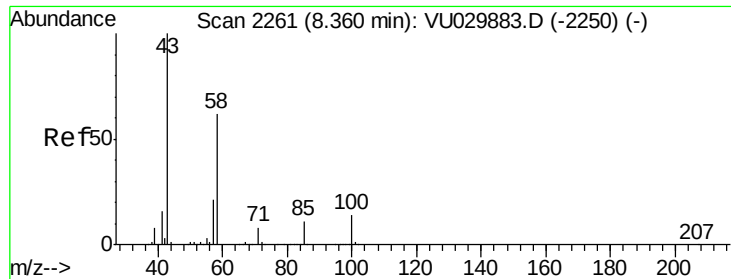
77 44.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

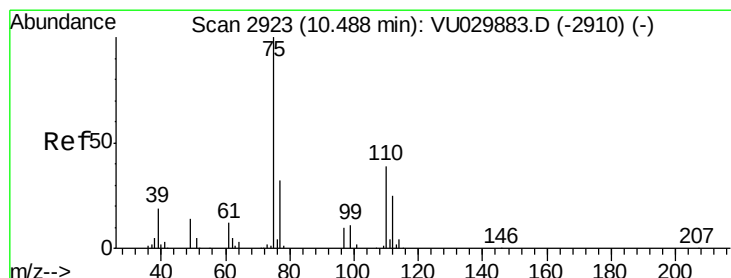
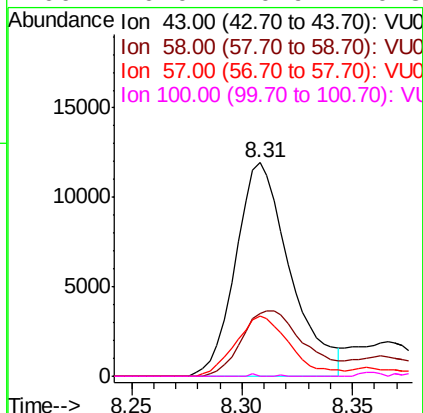
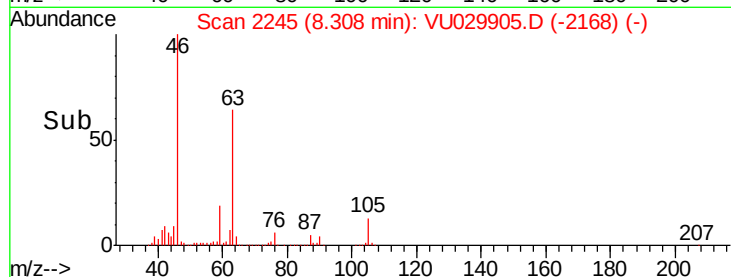
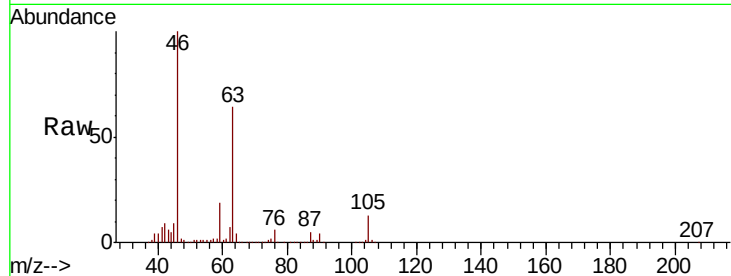




#48
 2-Hexanone
 Concen: 5.674 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029905.D
 Acq: 08 Mar 2019 22:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q2

Tgt Ion: 43 Resp: 20448
 Ion Ratio Lower Upper
 43 100
 58 35.6 46.4 69.6#
 57 28.3 15.7 23.5#
 100 0.0 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.114 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029905.D
 Acq: 08 Mar 2019 22:02

Tgt Ion: 75 Resp: 21391
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.7 38.5

