

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030882.D
 Acq On : 08 Apr 2019 01:49
 Operator : JC/SP
 Sample : K2284-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZB3

Quant Time: Apr 08 04:45:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 04:40:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	239931	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	249756	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95433	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111558	6.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.60%
7) Chloroethane-d5	1.68	69	96320	6.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.40%#
11) 1,1-Dichloroethene-d2	2.27	63	165243	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.19	46	311581	65.95	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.90%#
24) Chloroform-d	4.64	84	160384	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.31	65	107670	6.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.40%#
32) Benzene-d6	5.33	84	359330	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.33	67	125715	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.56	98	295059	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.85	79	39000	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.31	63	201419	56.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97644	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	102769	6.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.80%#

Target Compounds

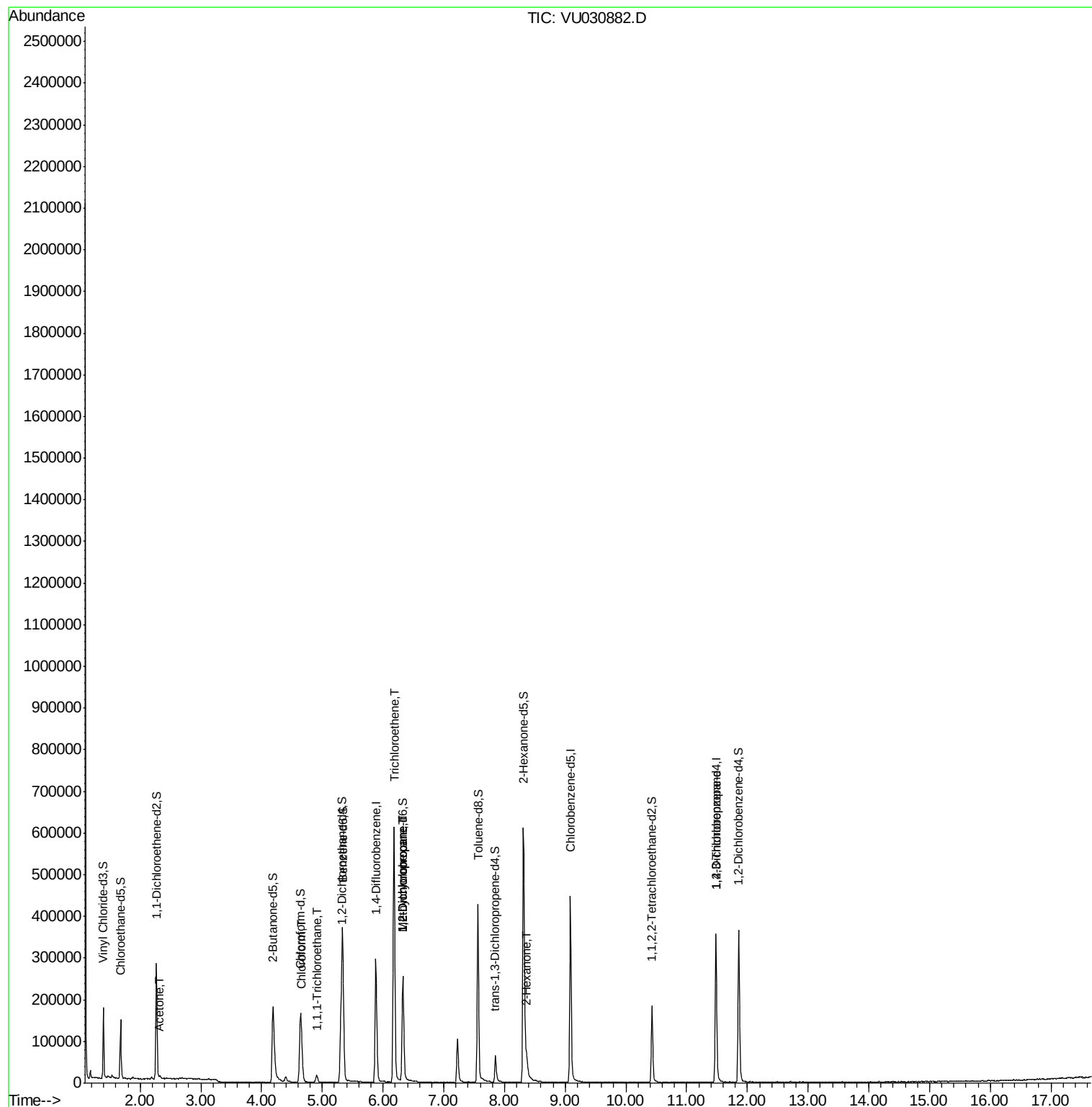
					Qvalue
13) Acetone	2.32	43	4135	1.132 ug/L	97
25) Chloroform	4.67	83	35840	1.006 ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	12508	0.393 ug/L	97
34) Trichloroethene	6.18	95	225919	10.682 ug/L	98
35) Methylcyclohexane	6.33	83	28849	0.855 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	14088	0.606 ug/L #	90
48) 2-Hexanone	8.37	43	28052	2.791 ug/L #	79
59) 1,2,3-Trichloropropane	11.49	75	12274	0.945 ug/L #	79

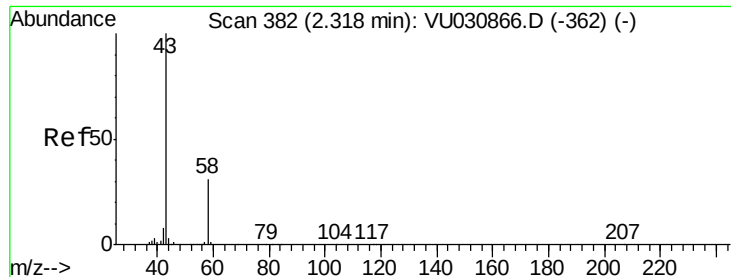
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.132 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030882.D

Acq: 08 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampled :

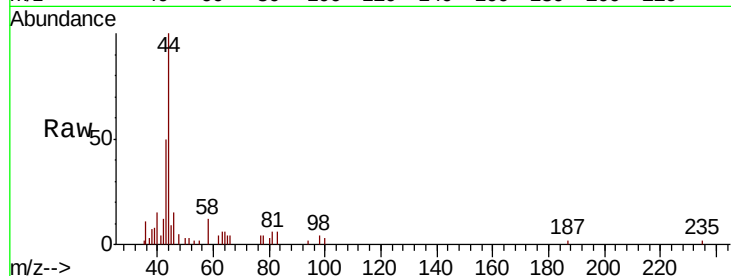
BEZB3

Tgt Ion: 43 Resp: 4135

Ion Ratio Lower Upper

43 100

58 29.6 0.0 62.8

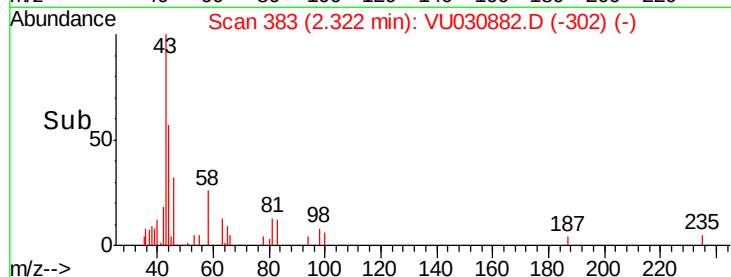


Abundance Ion 43.05 (42.75 to 43.75): VU030866.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU030866.D (-362) (-)

2.32

Time-->

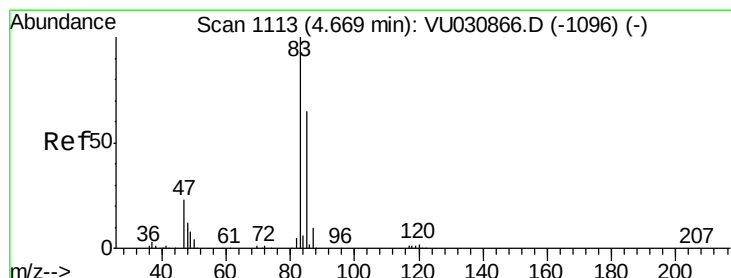


Abundance Ion 43.05 (42.75 to 43.75): VU030882.D (-302) (-)

Ion 58.05 (57.75 to 58.75): VU030882.D (-302) (-)

2.32

Time-->



#25

Chloroform

Concen: 1.006 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030882.D

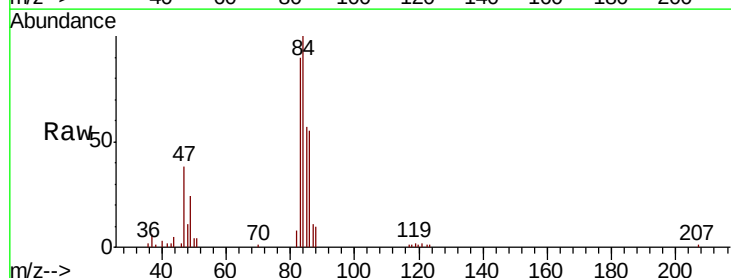
Acq: 08 Apr 2019 01:49

Tgt Ion: 83 Resp: 35840

Ion Ratio Lower Upper

83 100

85 63.3 44.2 82.2

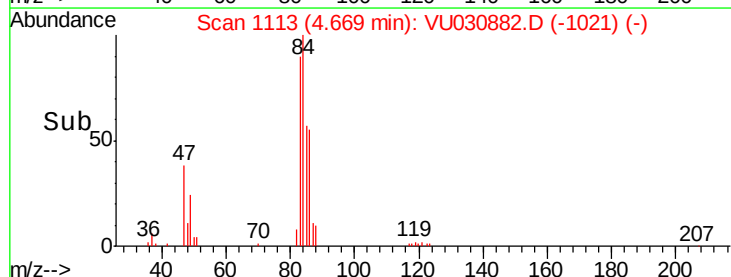


Abundance Ion 83.05 (82.75 to 83.75): VU030866.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU030866.D (-1096) (-)

4.67

Time-->

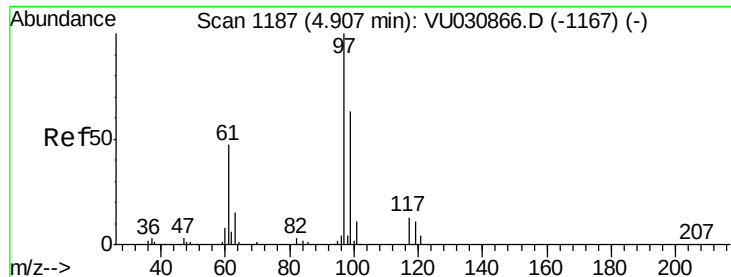


Abundance Ion 83.05 (82.75 to 83.75): VU030882.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VU030882.D (-1021) (-)

4.67

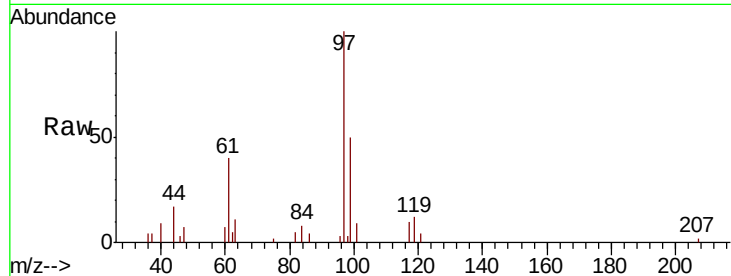
Time-->



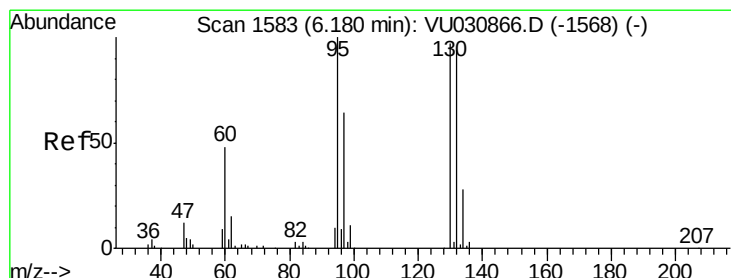
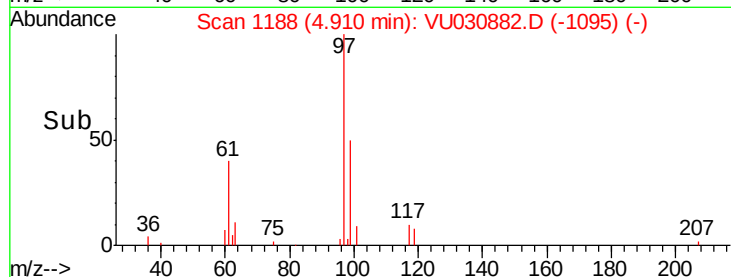
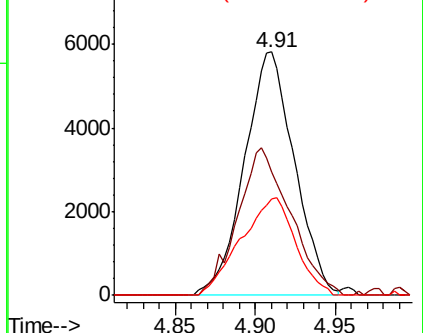
#29
 1,1,1-Trichloroethane
 Concen: 0.393 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VU030882.D
 Acq: 08 Apr 2019 01:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZB3

Tgt Ion: 97 Resp: 12508
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.8 77.6
 61 43.7 38.1 57.1

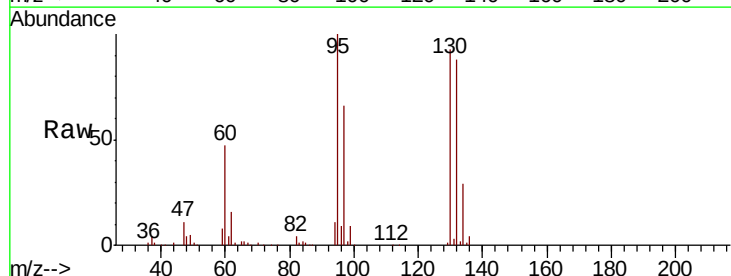


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

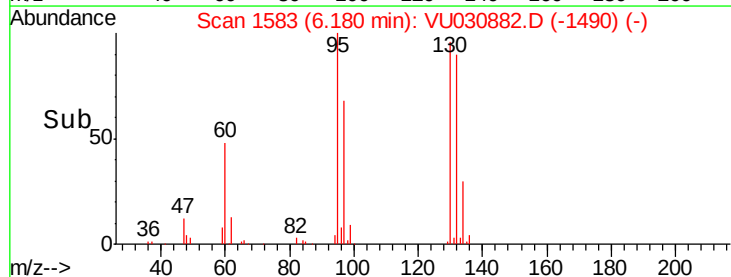
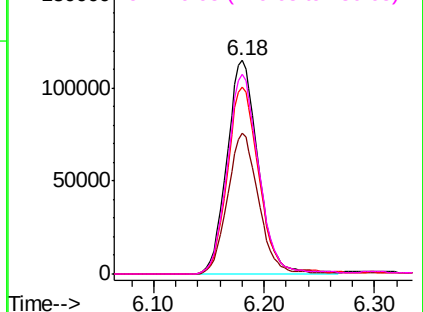


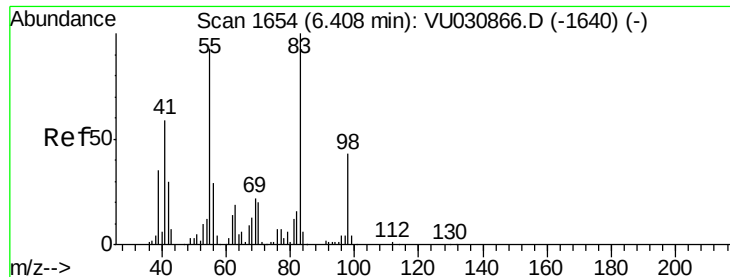
#34
 Trichloroethene
 Concen: 10.682 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030882.D
 Acq: 08 Apr 2019 01:49

Tgt Ion: 95 Resp: 225919
 Ion Ratio Lower Upper
 95 100
 97 65.7 43.5 80.9
 132 87.5 60.7 112.7
 130 93.4 65.1 120.9



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 0.855 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030882.D

Acq: 08 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

BEZB3

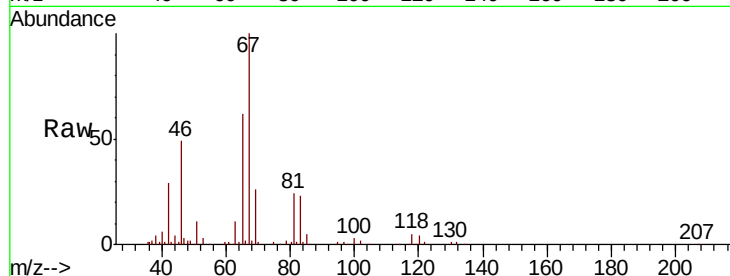
Tgt Ion: 83 Resp: 28849

Ion Ratio Lower Upper

83 100

55 0.4 72.6 108.8#

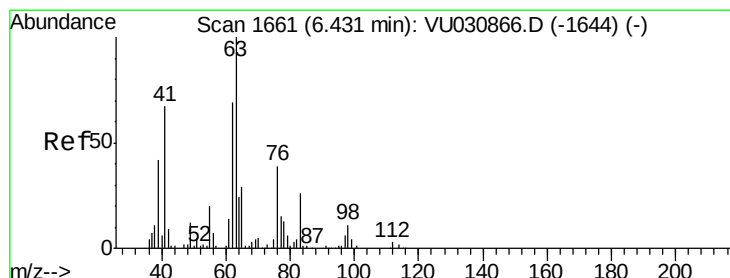
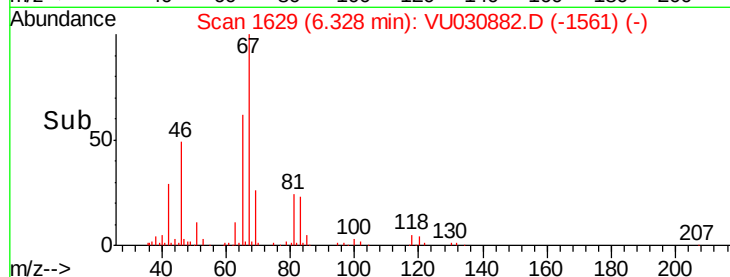
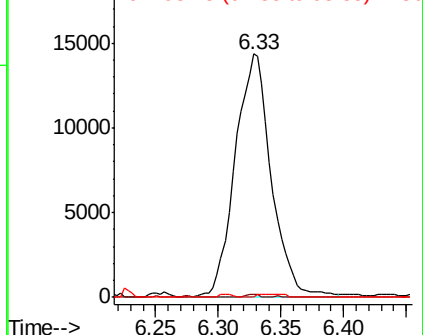
98 0.0 35.0 52.6#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030882.D

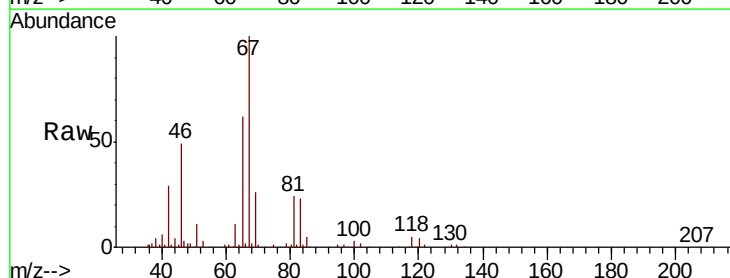
Acq: 08 Apr 2019 01:49

Tgt Ion: 63 Resp: 14088

Ion Ratio Lower Upper

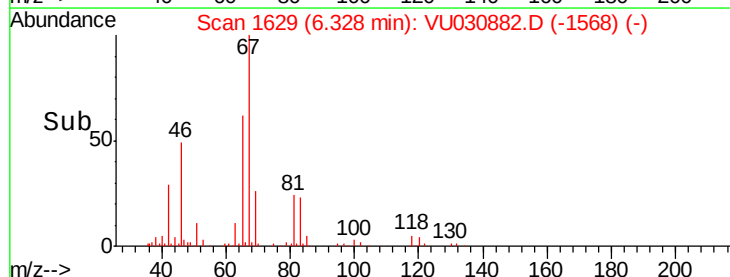
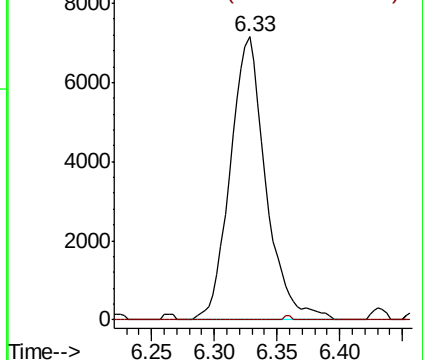
63 100

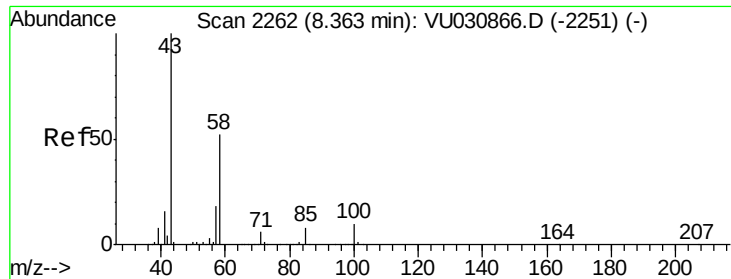
112 0.3 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

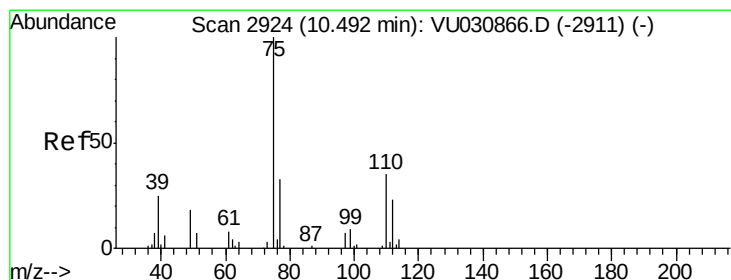
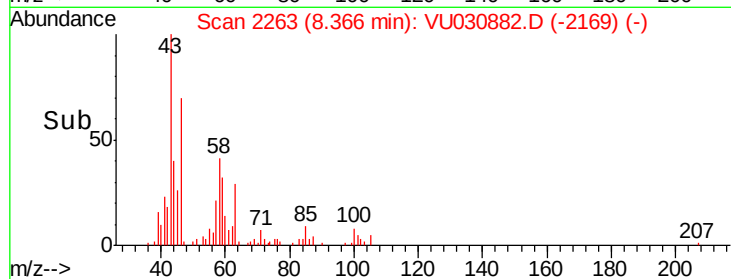
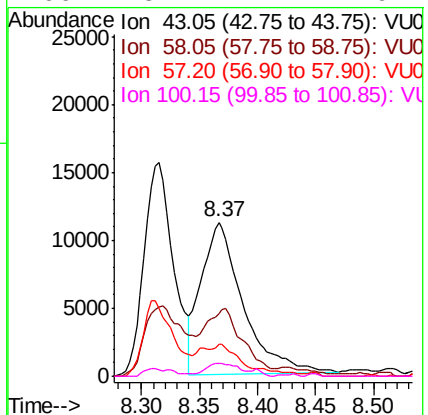
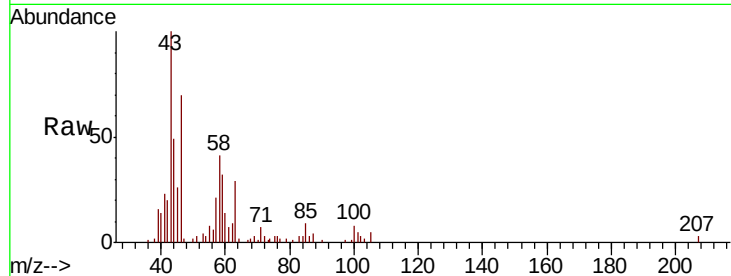




#48
 2-Hexanone
 Concen: 2.791 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030882.D
 Acq: 08 Apr 2019 01:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZB3

Tgt Ion: 43 Resp: 28052
 Ion Ratio Lower Upper
 43 100
 58 36.7 42.5 63.7#
 57 8.6 13.9 20.9#
 100 5.4 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.945 ug/L
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.99 min
 Lab File: VU030882.D
 Acq: 08 Apr 2019 01:49

Tgt Ion: 75 Resp: 12274
 Ion Ratio Lower Upper
 75 100
 77 43.7 25.6 38.4#

