

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030917.D
 Acq On : 08 Apr 2019 20:07
 Operator : JC/SP
 Sample : K2284-05RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA3

Quant Time: Apr 09 01:17:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 01:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	257931	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	263389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	105819	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.68	69	90083	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.27	63	158166	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.19	46	332883	65.54	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.08%#
24) Chloroform-d	4.64	84	167191	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.31	65	112676	6.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.00%
32) Benzene-d6	5.33	84	361222	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.33	67	126408	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.56	98	290892	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	41234	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.31	63	230709	61.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102315	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	100530	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

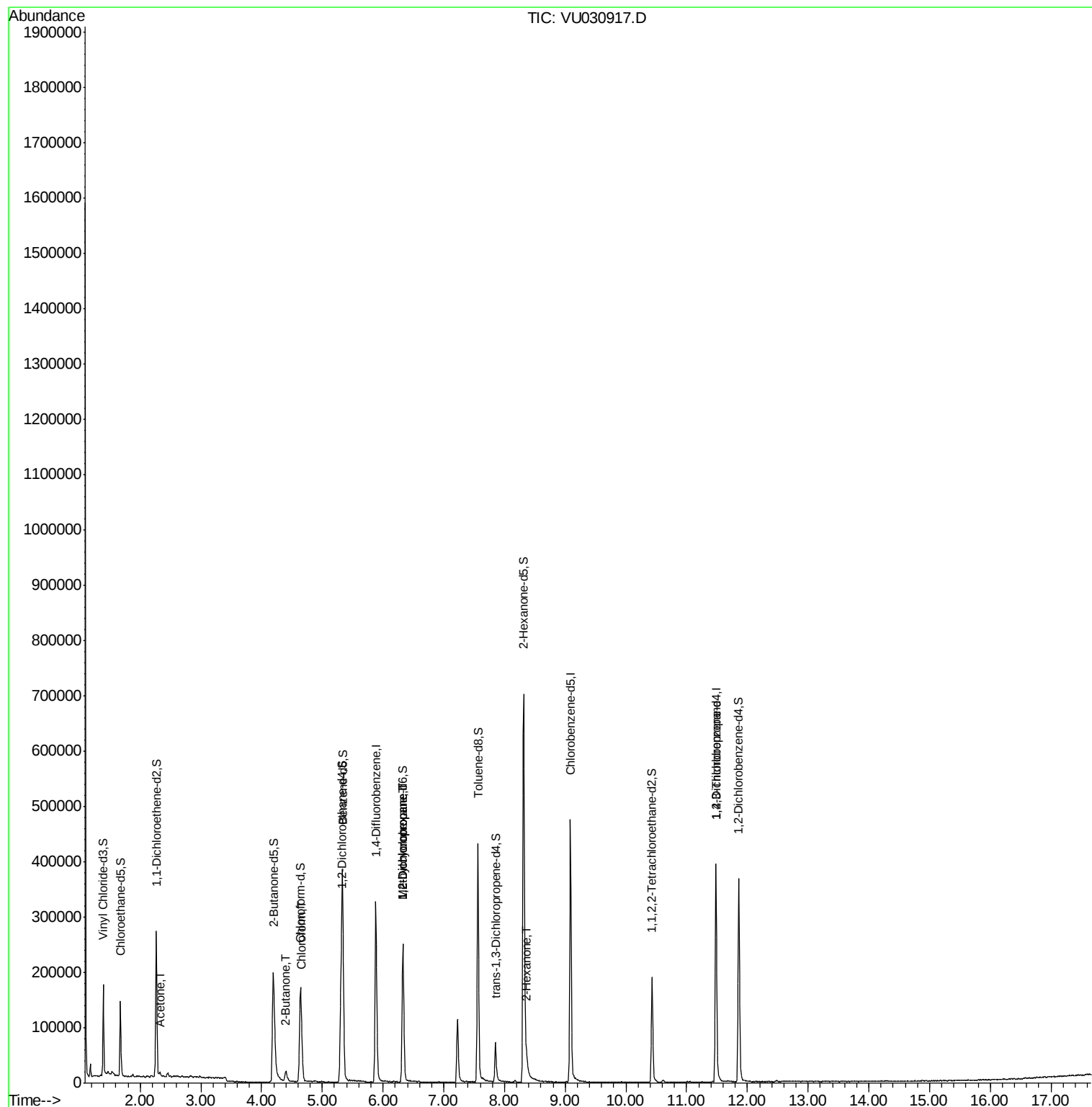
					Ovalue
13) Acetone	2.32	43	7225	1.840 ug/L	86
21) 2-Butanone	4.40	43	28860	4.637 ug/L #	54
25) Chloroform	4.67	83	24970	0.652 ug/L	94
35) Methylcyclohexane	6.33	83	27840	0.782 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	13375	0.545 ug/L #	91
48) 2-Hexanone	8.37	43	13646	1.288 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	13284	0.970 ug/L	92

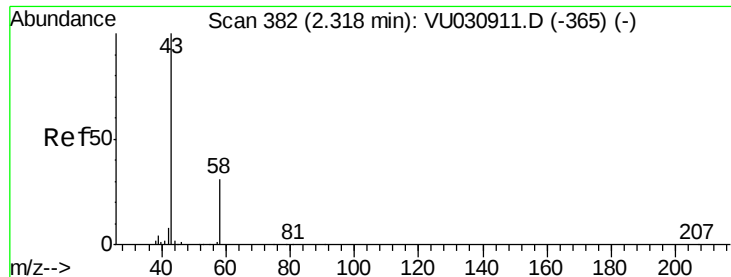
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.840 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030917.D

Acq: 08 Apr 2019 20:07

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ClientSampleId :

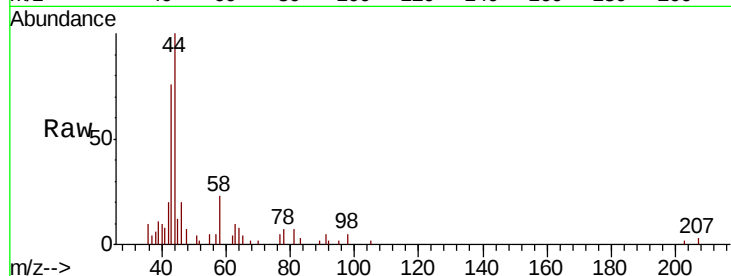
BEZA3

Tot Ion: 43 Resp: 7225

Ion Ratio Lower Upper

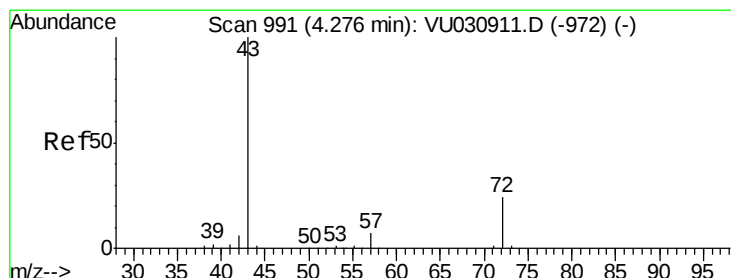
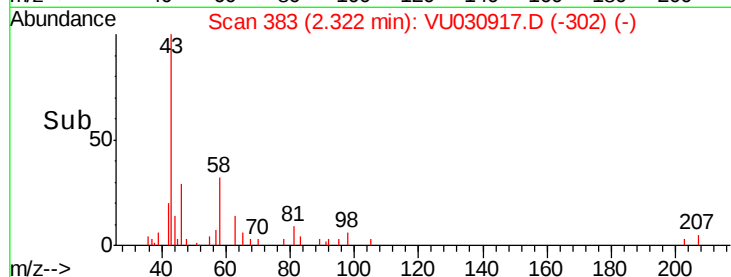
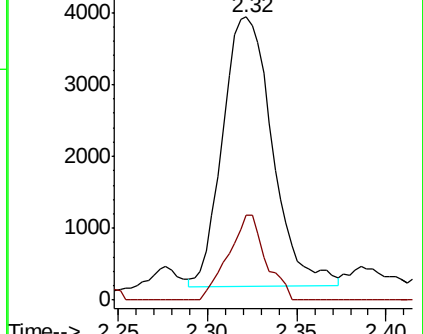
43 100

58 23.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 4.637 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.10 min

Lab File: VU030917.D

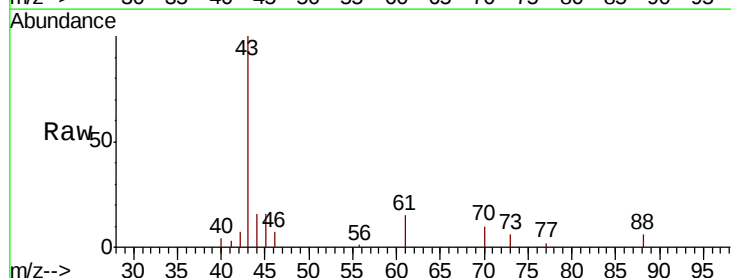
Acq: 08 Apr 2019 20:07

Tgt Ion: 43 Resp: 28860

Ion Ratio Lower Upper

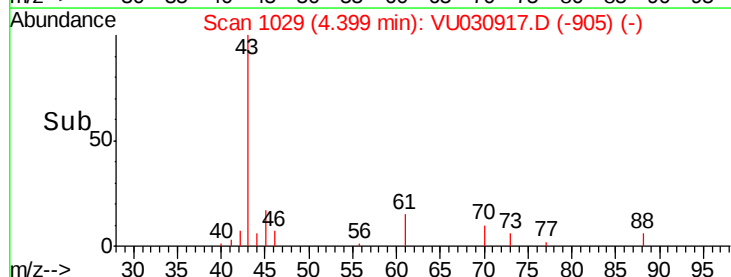
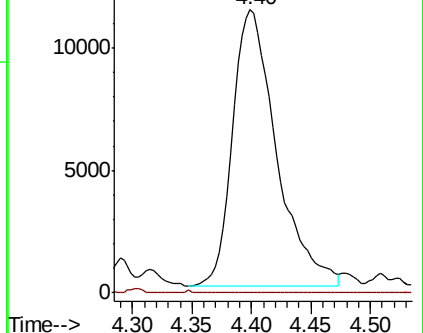
43 100

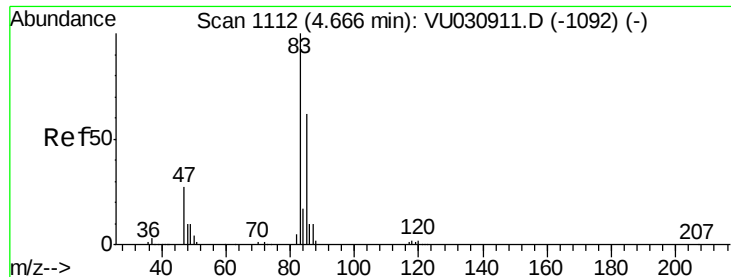
72 0.1 11.2 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#25

Chloroform

Concen: 0.652 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VU030917.D

Acq: 08 Apr 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

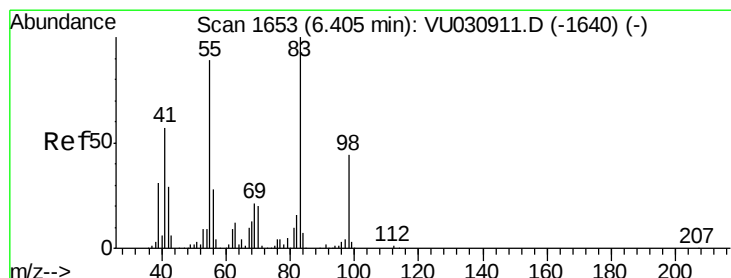
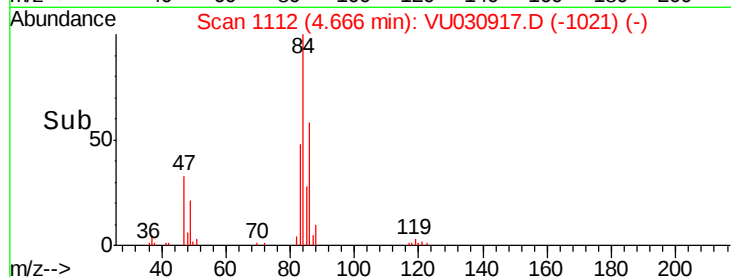
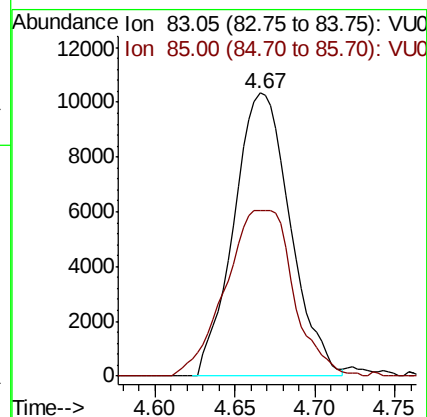
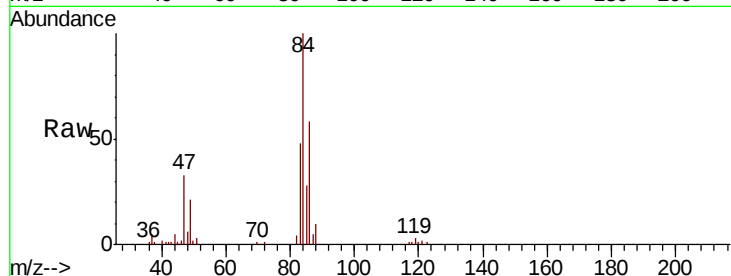
BEZA3

Tot Ion: 83 Resp: 24970

Ion Ratio Lower Upper

83 100

85 58.6 44.2 82.2



#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030917.D

Acq: 08 Apr 2019 20:07

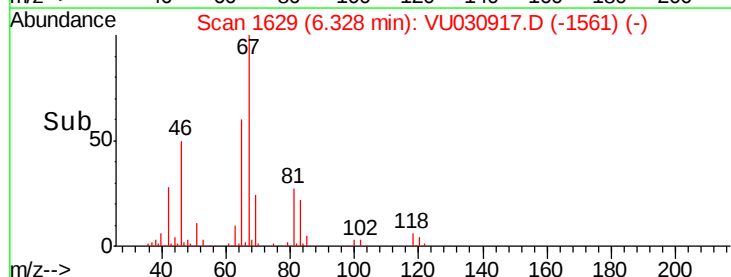
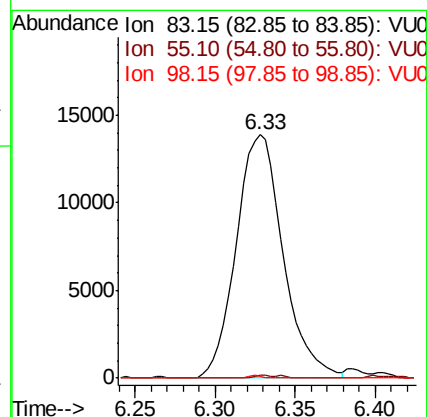
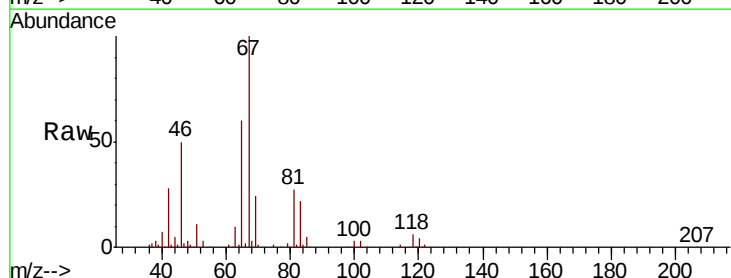
Tgt Ion: 83 Resp: 27840

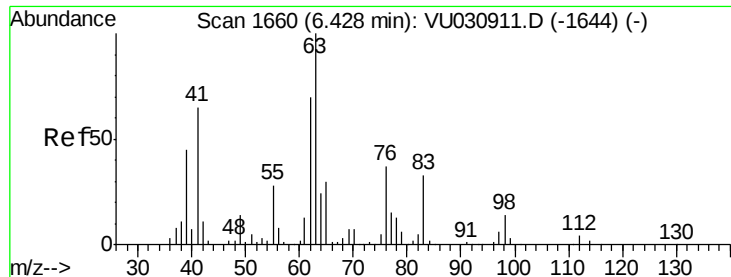
Ion Ratio Lower Upper

83 100

55 0.4 72.6 108.8#

98 0.3 35.0 52.6#

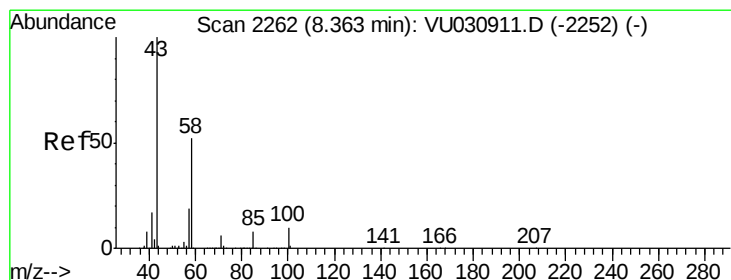
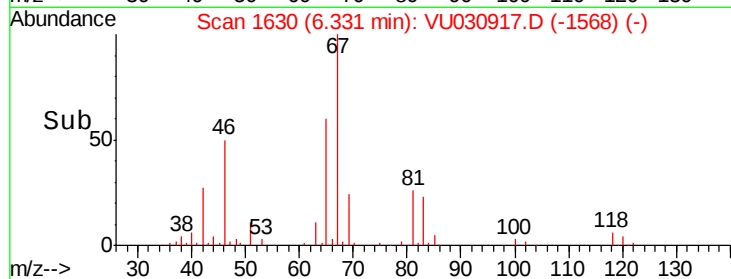
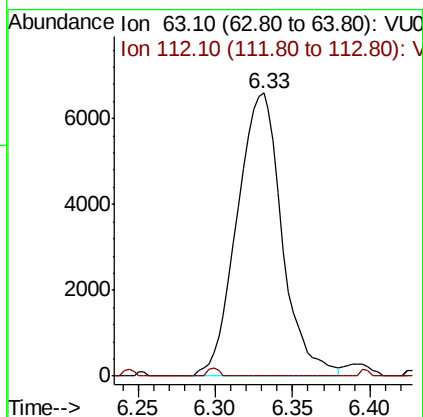
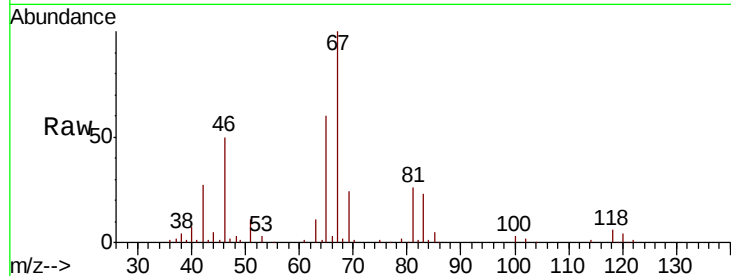




#37
 1,2-Dichloropropane
 Concen: 0.545 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU030917.D
 Acq: 08 Apr 2019 20:07

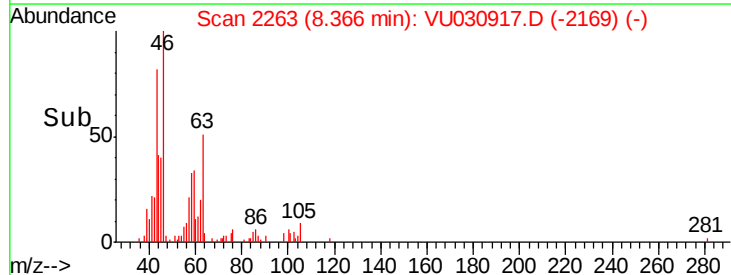
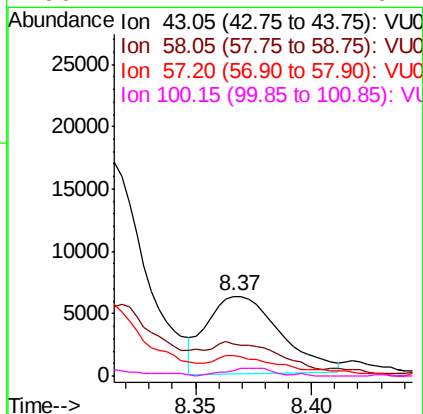
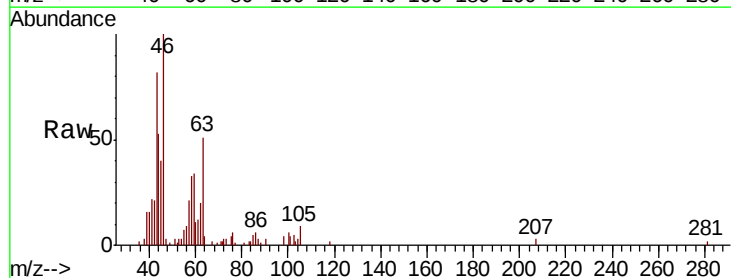
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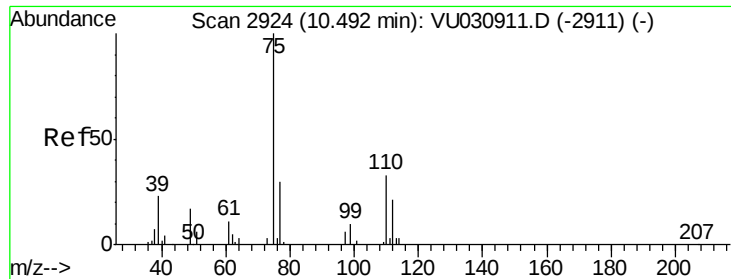
Tot Ion: 63 Resp: 13375
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.8 4.2#



#48
 2-Hexanone
 Concen: 1.288 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030917.D
 Acq: 08 Apr 2019 20:07

Tgt Ion: 43 Resp: 13646
 Ion Ratio Lower Upper
 43 100
 58 31.3 42.5 63.7#
 57 14.5 13.9 20.9
 100 7.2 7.1 10.7





#59

1,2,3-Trichloropropane

Concen: 0.970 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030917.D

Acq: 08 Apr 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

BEZA3

Tot Ion: 75 Resp: 13284

Ion Ratio Lower Upper

75 100

77 36.7 25.6 38.4

