

Data File : VU029218.D
Acq On : 18 Jan 2019 11:59
Operator : JC/SP
Sample : K1155-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jan 18 23:10:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 18 23:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	110518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	111807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34227	5.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.80%
7) Chloroethane-d5	1.68	69	27620	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.27	63	48186	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.21	46	99563	64.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.82%
24) Chloroform-d	4.65	84	66805	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.20%
26) 1,2-Dichloroethane-d4	5.31	65	34314	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.34	84	135542	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.33	67	47793	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	7.56	98	115990	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.85	79	16156	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.31	63	81091	56.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36273	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	41928	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

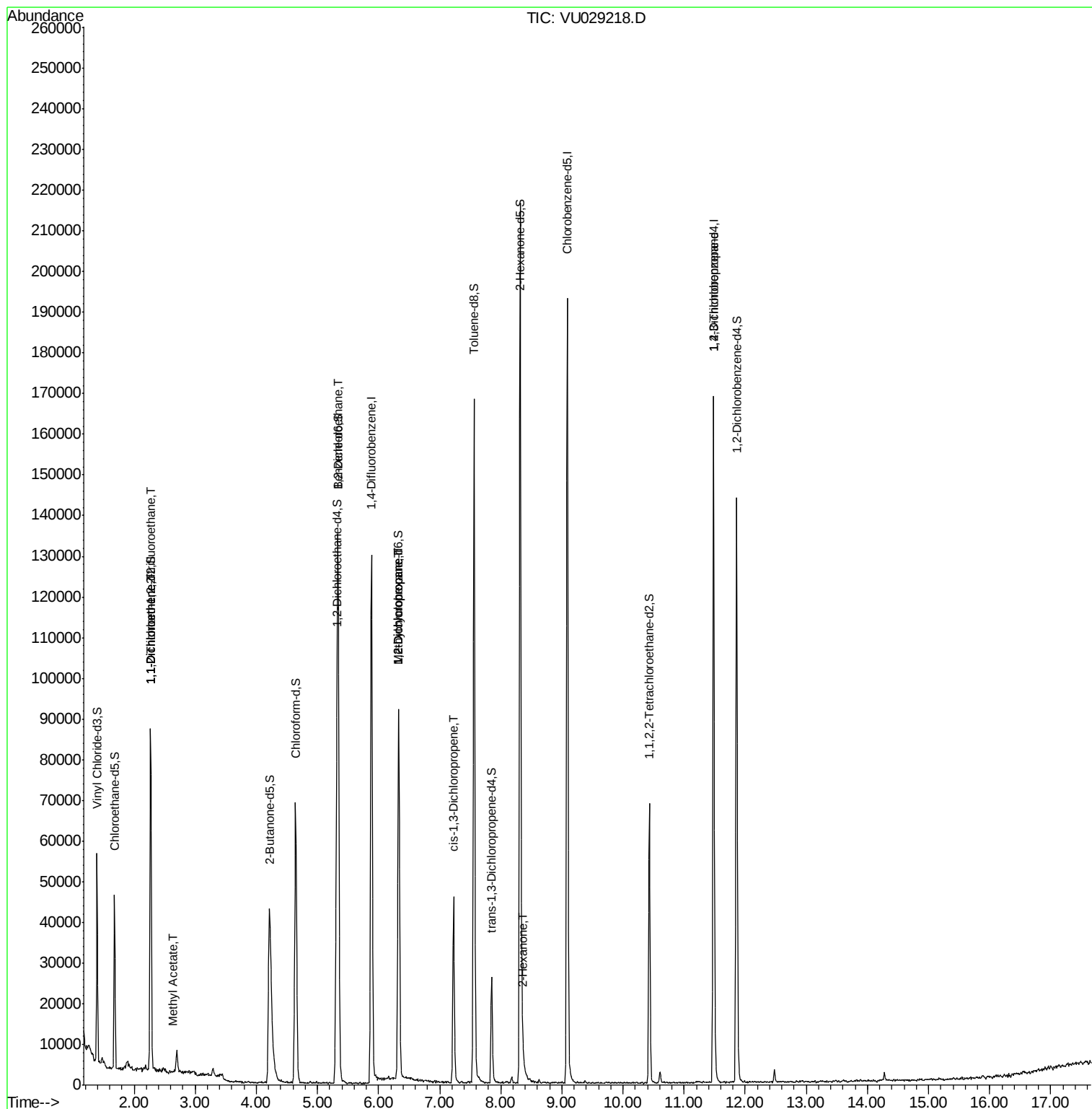
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	430	0.053 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	591	0.075 ug/L #	1
15) Methyl Acetate	2.63	43	423	0.116 ug/L #	49
27) 1,2-Dichloroethane	5.34	62	683	0.082 ug/L #	73
35) Methylcyclohexane	6.33	83	10707	0.682 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4912	0.539 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1009	0.077 ug/L #	39
48) 2-Hexanone	8.37	43	984	0.294 ug/L #	54
59) 1,2,3-Trichloropropane	11.48	75	5732	1.080 ug/L	95

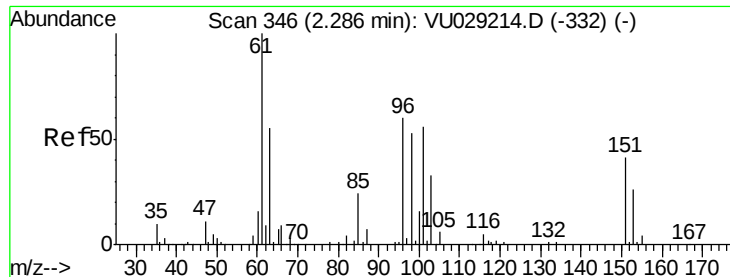
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.053 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

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ClientSampleId :

VHBLK01

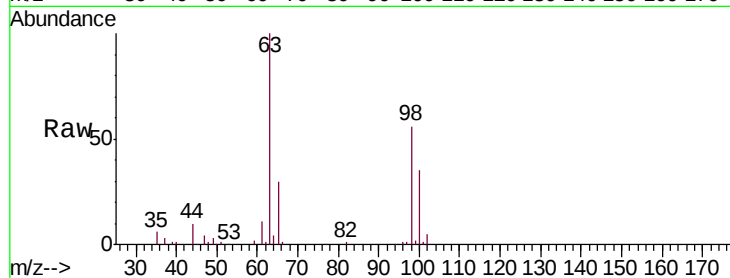
Tgt Ion: 101 Resp: 430

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

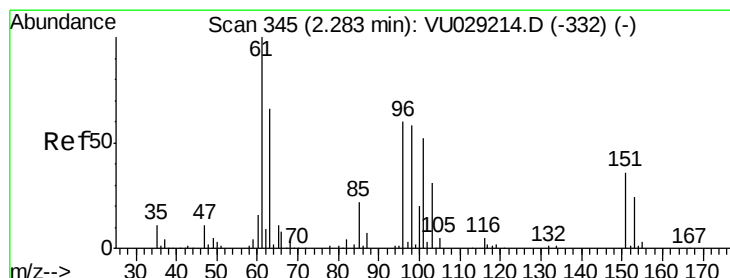
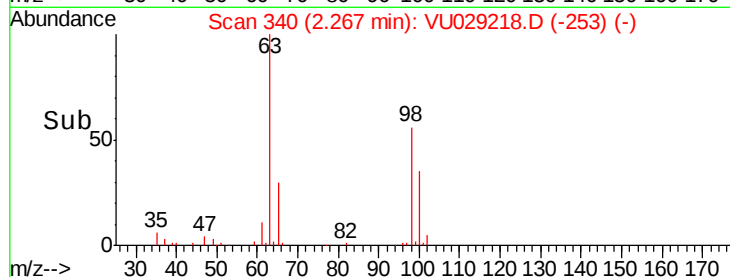
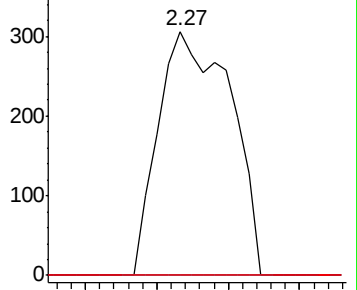
151 0.0 60.9 91.3#



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: 0.075 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU029218.D

Acq: 18 Jan 2019 11:59

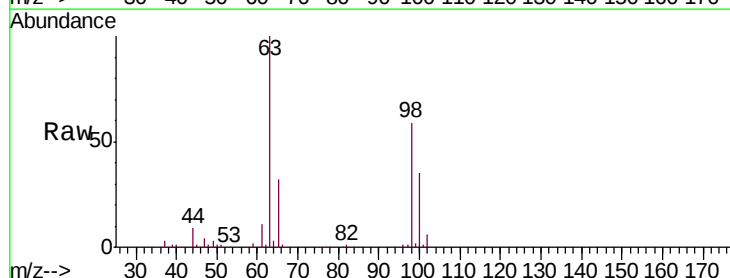
Tgt Ion: 96 Resp: 591

Ion Ratio Lower Upper

96 100

61 924.1 110.5 205.3#

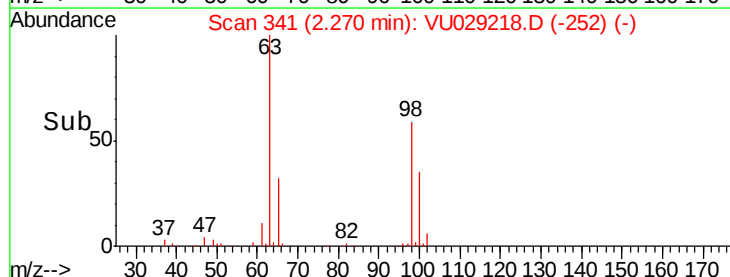
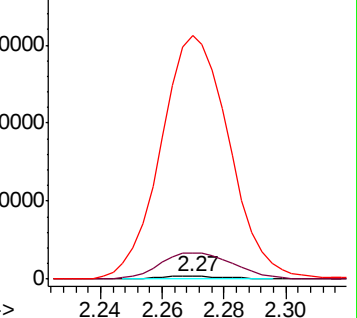
63 8436.8 67.6 125.6#

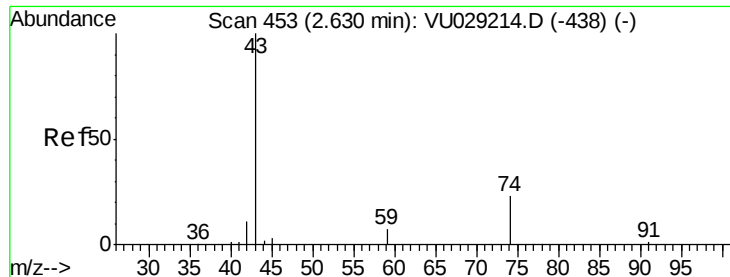


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#15

Methyl Acetate

Concen: 0.116 ug/L

RT: 2.63 min Scan# 453

Delta R.T. 0.00 min

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ClientSampleId :

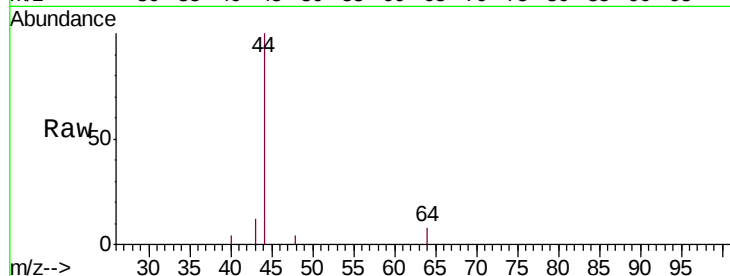
VHBLK01

Tgt Ion: 43 Resp: 423

Ion Ratio Lower Upper

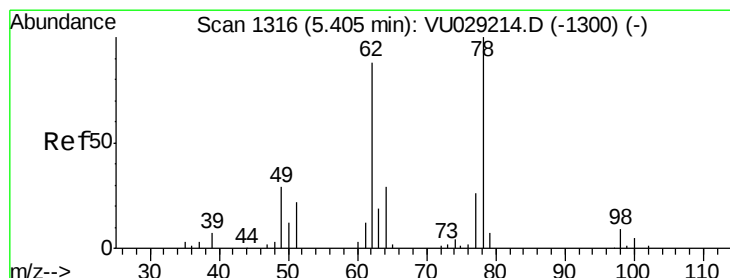
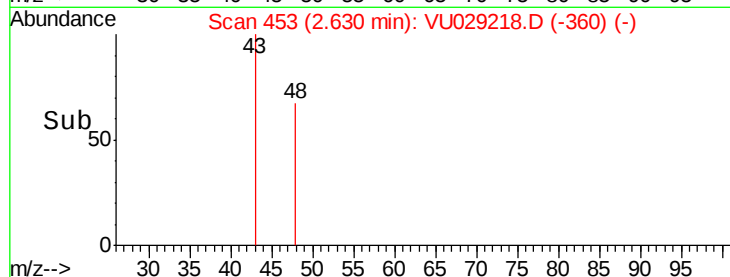
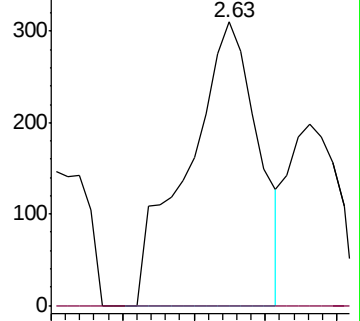
43 100

74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU029218.D

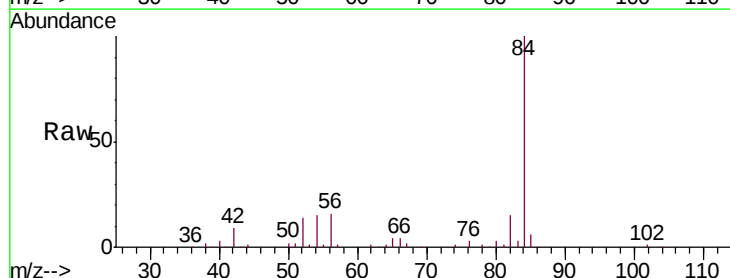
Acq: 18 Jan 2019 11:59

Tgt Ion: 62 Resp: 683

Ion Ratio Lower Upper

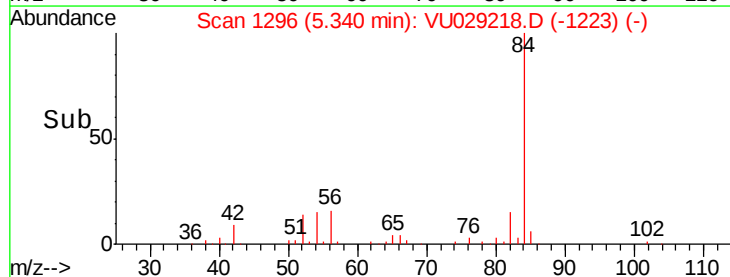
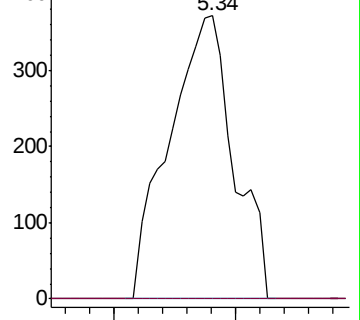
62 100

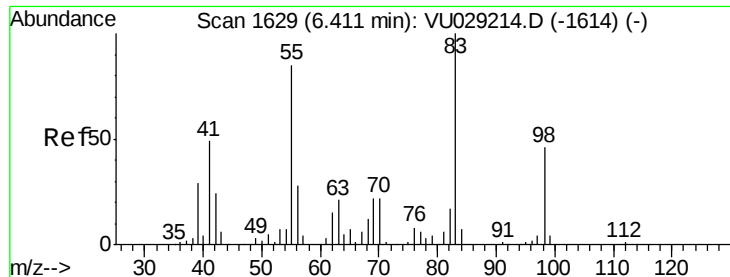
98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

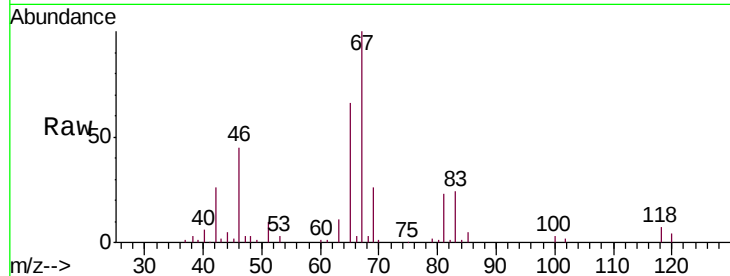




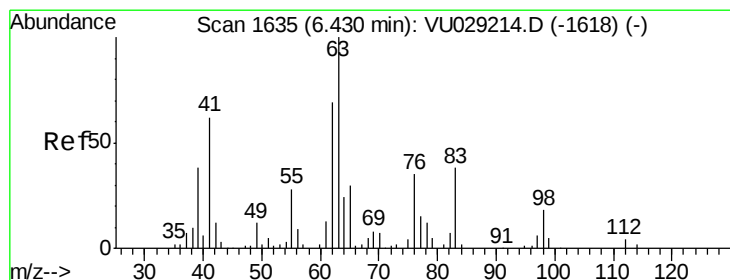
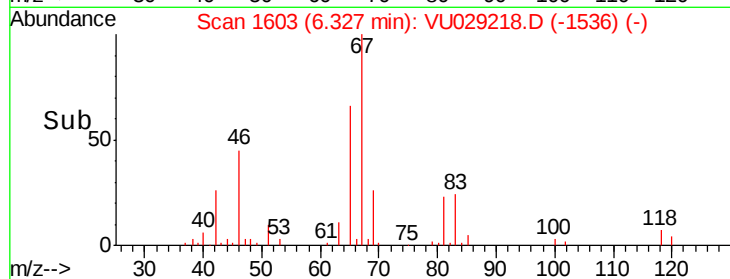
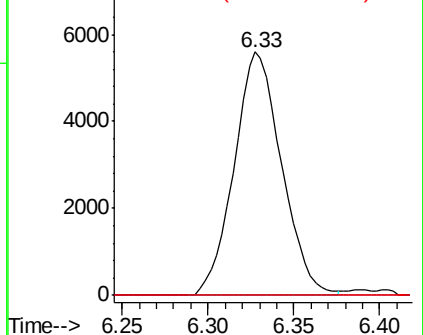
#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.08 min
Lab File: VU029218.D
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Instrument :
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VHBLK01

Tgt Ion: 83 Resp: 10707
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.7 37.0 55.6#

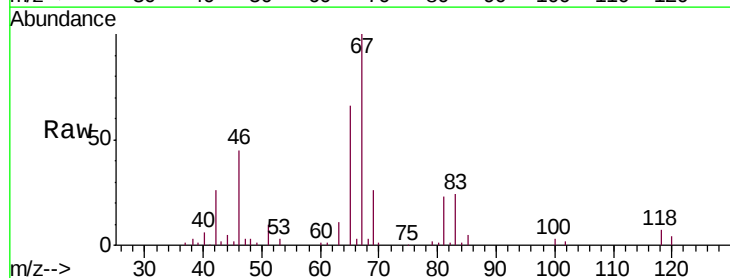


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

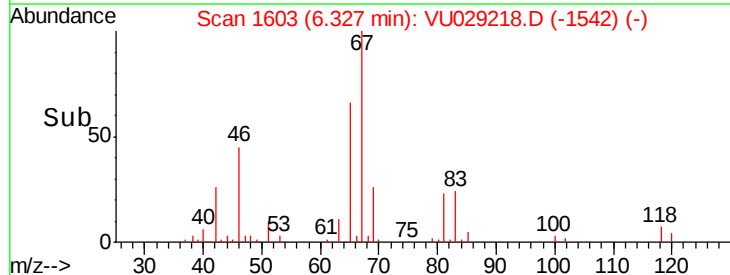
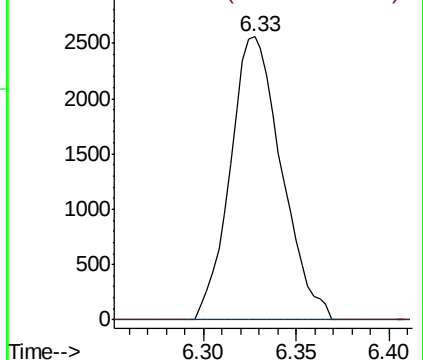


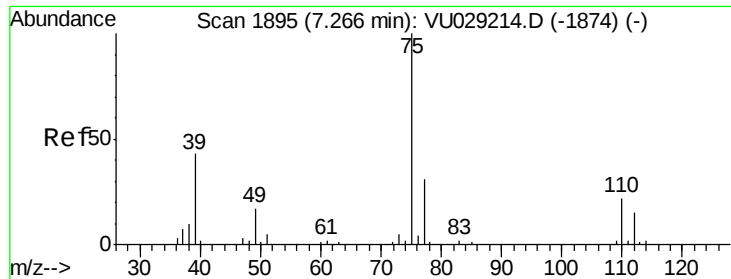
#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU029218.D
Acq: 18 Jan 2019 11:59

Tgt Ion: 63 Resp: 4912
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

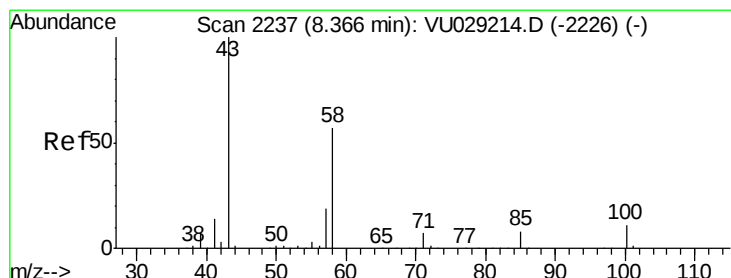
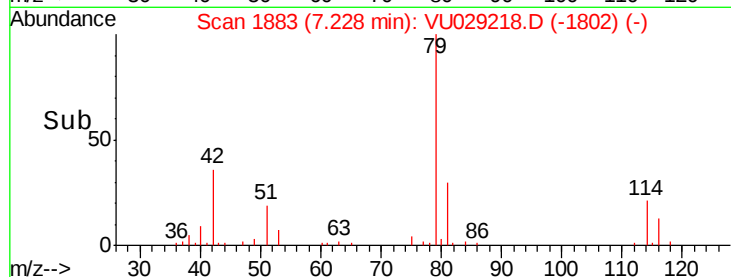
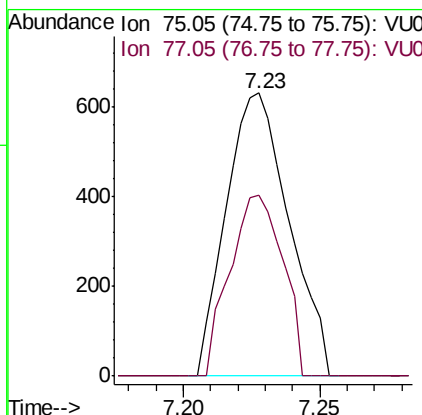
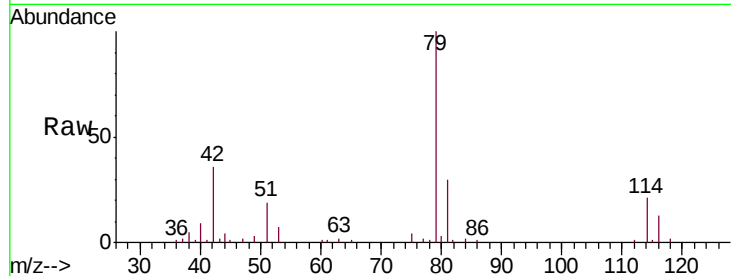




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU029218.D
 Acq: 18 Jan 2019 11:59

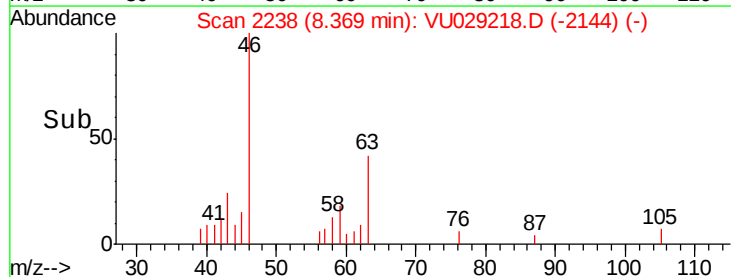
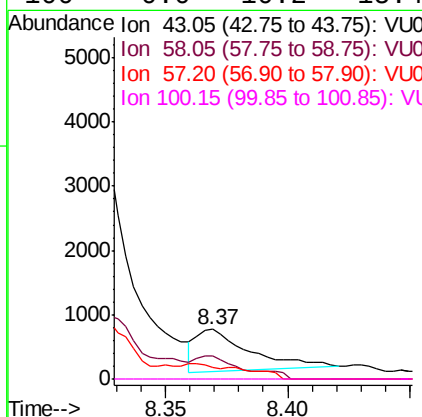
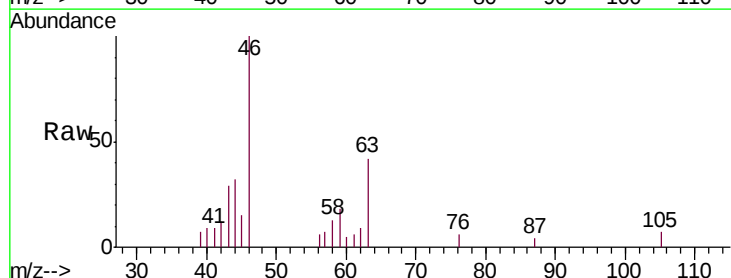
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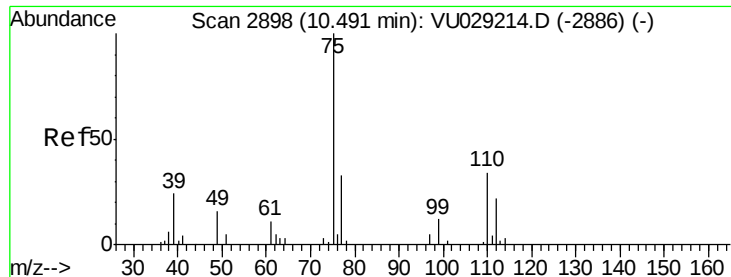
Tgt Ion: 75 Resp: 1009
 Ion Ratio Lower Upper
 75 100
 77 64.0 21.5 39.9#



#48
 2-Hexanone
 Concen: 0.294 ug/L
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: VU029218.D
 Acq: 18 Jan 2019 11:59

Tgt Ion: 43 Resp: 984
 Ion Ratio Lower Upper
 43 100
 58 24.8 48.8 73.2#
 57 43.2 16.0 24.0#
 100 0.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU029218.D

Acq: 18 Jan 2019 11:59

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 5732

Ion Ratio Lower Upper

75 100

77 29.4 26.0 39.0

