

Data File : VU026650.D
Acq On : 10 Sep 2018 15:00
Operator : MD/SY
Sample : J4837-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08H4

Quant Time: Sep 11 05:31:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	190054	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	174439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75424	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67575	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.42%
7) Chloroethane-d5	1.68	69	56365	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.78%
11) 1,1-Dichloroethene-d2	2.27	63	90240	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
21) 2-Butanone-d5	4.18	46	90633	102.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.83%
24) Chloroform-d	4.65	84	112919	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
26) 1,2-Dichloroethane-d4	5.31	65	75902	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
32) Benzene-d6	5.34	84	232851	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
36) 1,2-Dichloropropane-d6	6.33	67	79688	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.57	98	208445	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%
43) trans-1,3-Dichloropropene-	7.85	79	34970	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.30%
47) 2-Hexanone-d5	8.31	63	66810	108.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104951	50.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	79628	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%

Target Compounds

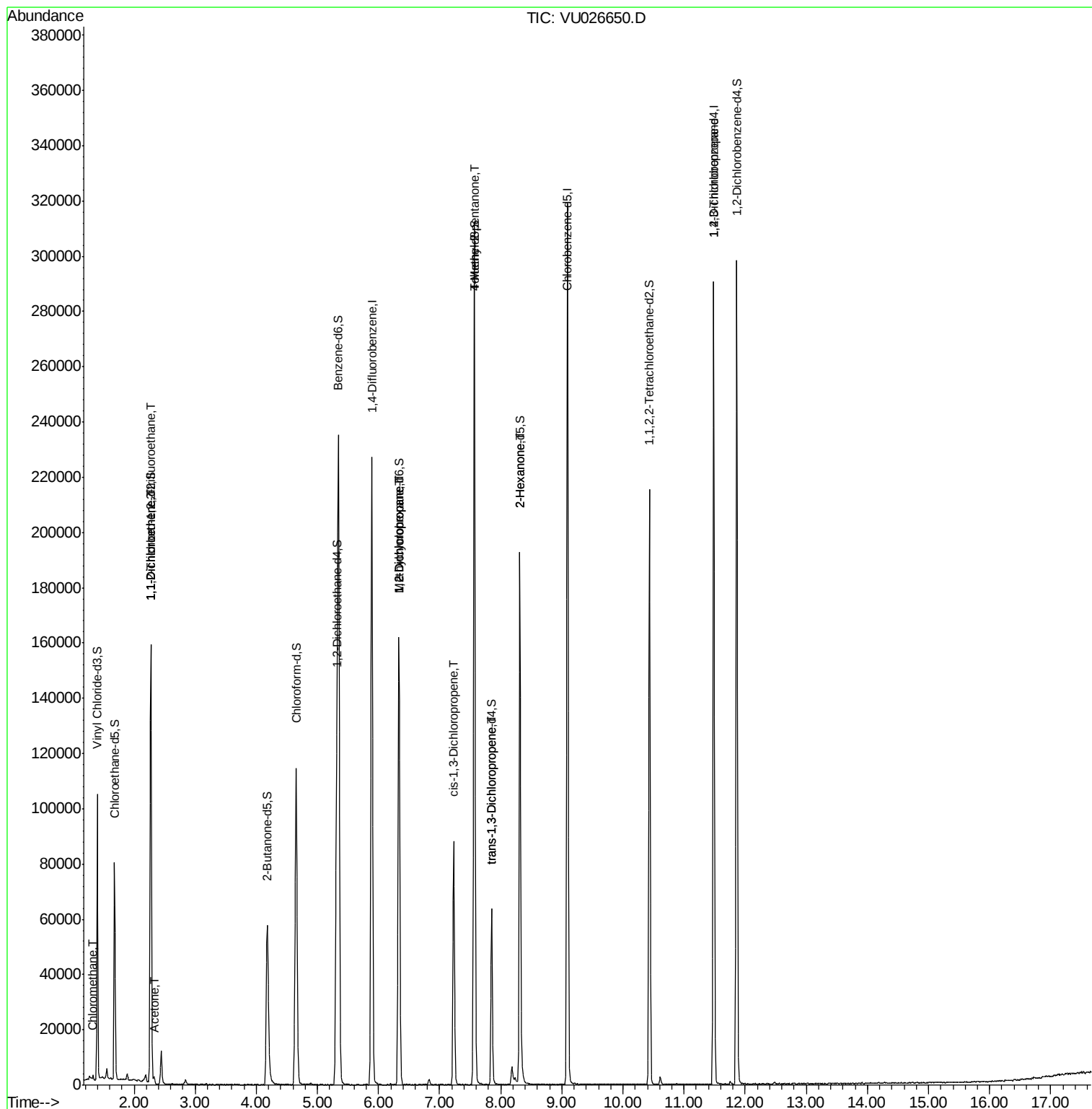
					Qvalue
3) Chloromethane	1.33	50	1051	0.668 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	855	0.733 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	681	0.608 ug/L #	1
13) Acetone	2.32	43	1535	1.529 ug/L	93
35) Methylcyclohexane	6.33	83	17778	9.147 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8650	6.339 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2140	1.060 ug/L #	60
40) 4-Methyl-2-pentanone	7.57	43	936	0.538 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1398	0.744 ug/L #	80
48) 2-Hexanone	8.31	43	7692	5.234 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	8730	5.407 ug/L	94

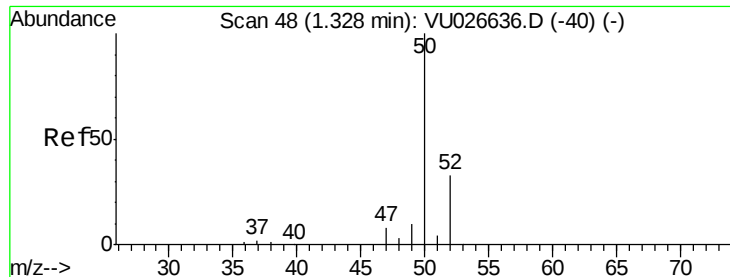
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.668 ug/L

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

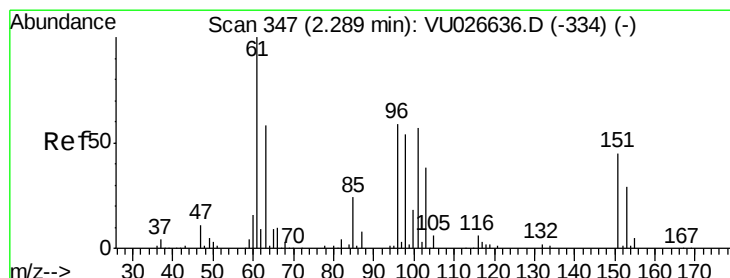
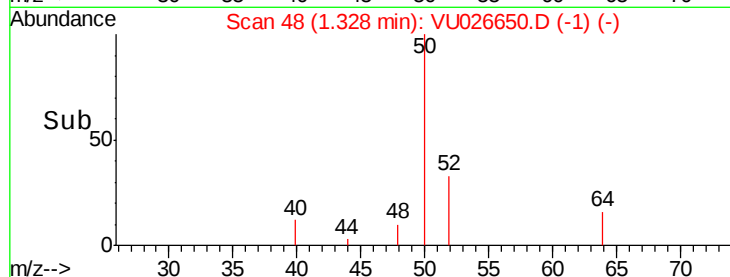
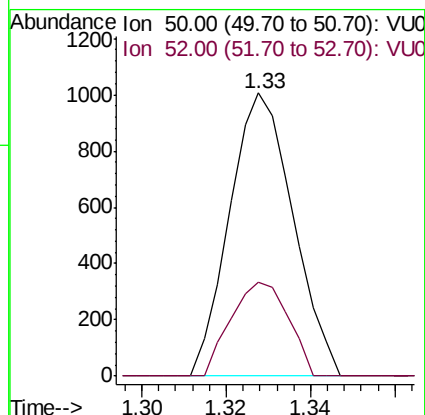
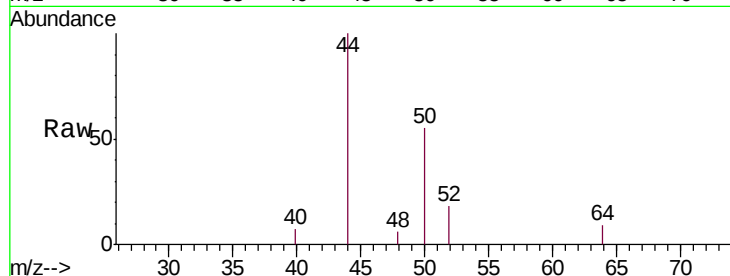
C08H4

Tgt Ion: 50 Resp: 1051

Ion Ratio Lower Upper

50 100

52 33.2 23.2 43.2



#10

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

Concen: 0.733 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU026650.D

Acq: 10 Sep 2018 15:00

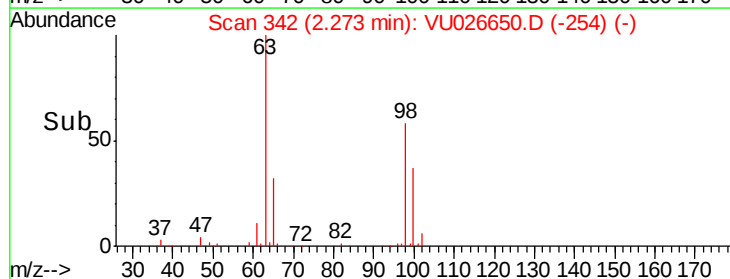
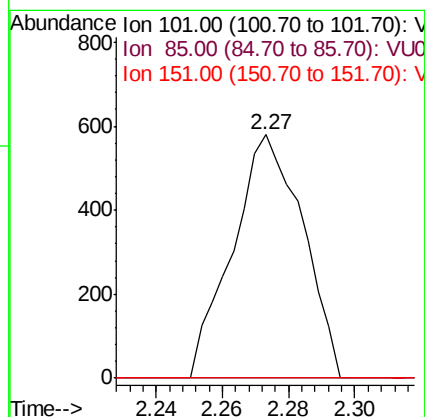
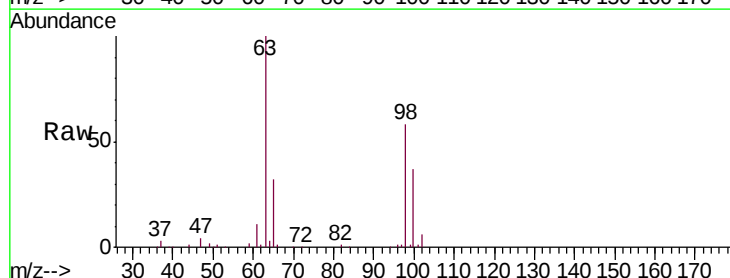
Tgt Ion: 101 Resp: 855

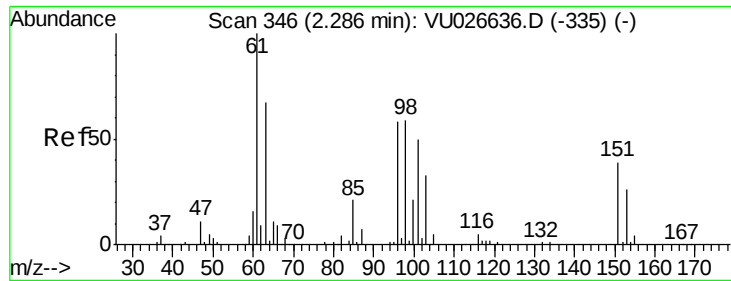
Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 62.6 94.0#

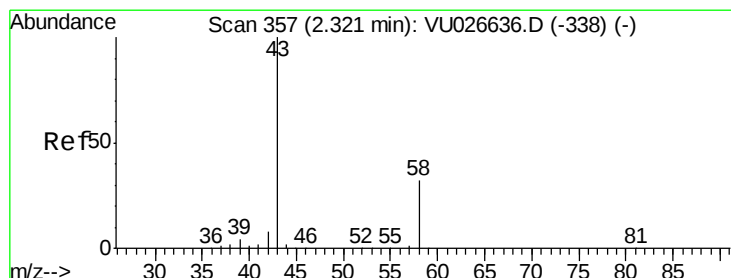
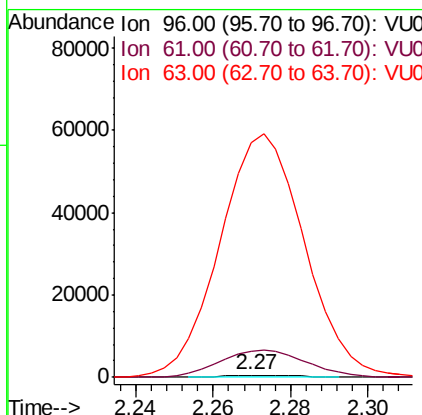
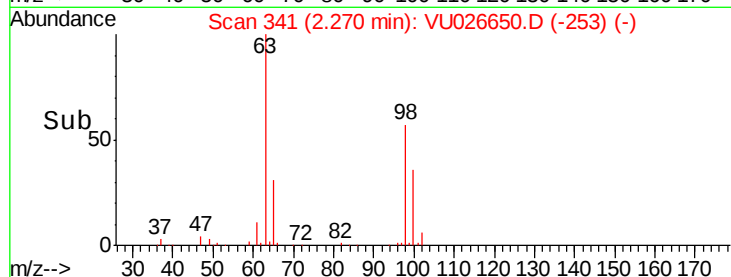
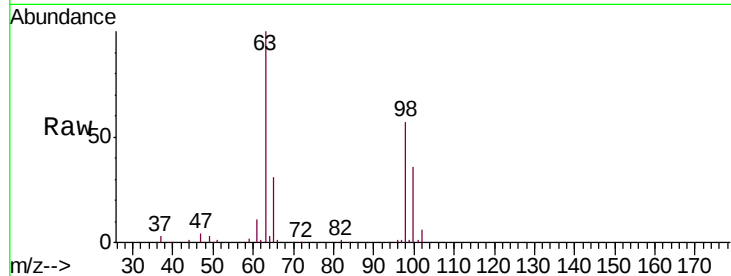




#12
 1,1-Dichloroethene
 Concen: 0.608 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.02 min
 Lab File: VU026650.D
 Acq: 10 Sep 2018 15:00

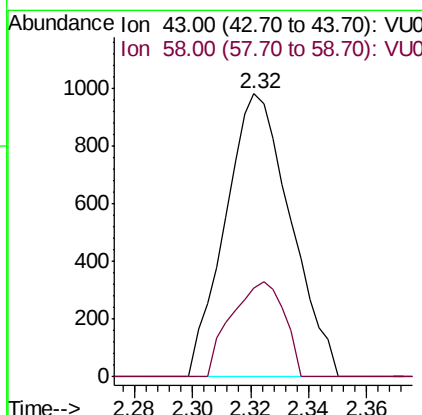
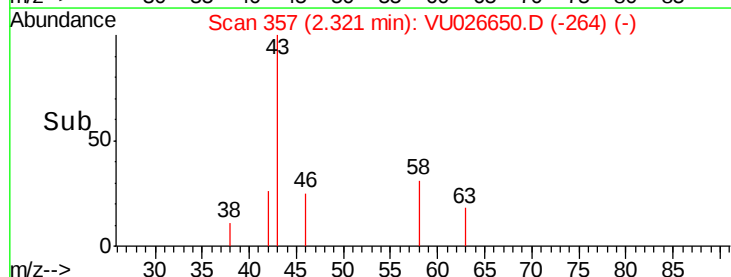
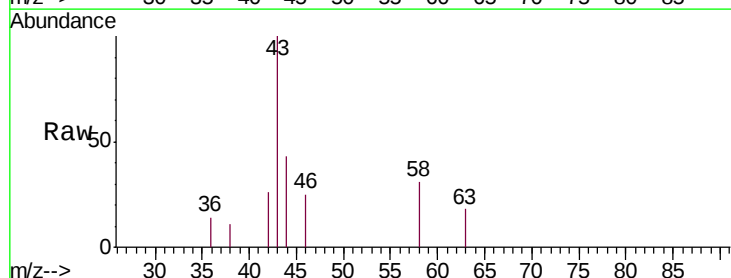
Instrument :
 MSVOA_U
 ClientSampleId :
 C08H4

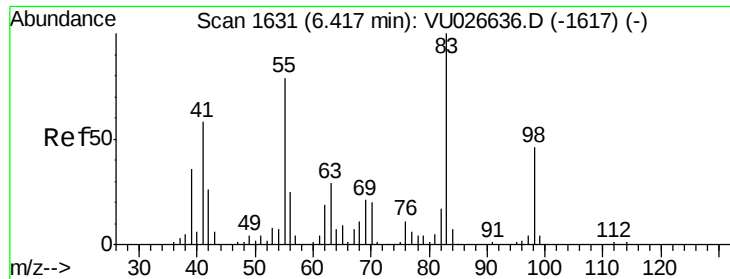
Tgt Ion: 96 Resp: 681
 Ion Ratio Lower Upper
 96 100
 61 1398.9 121.0 224.8#
 63 12505.9 89.9 166.9#



#13
 Acetone
 Concen: 1.529 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026650.D
 Acq: 10 Sep 2018 15:00

Tgt Ion: 43 Resp: 1535
 Ion Ratio Lower Upper
 43 100
 58 27.3 0.0 62.8

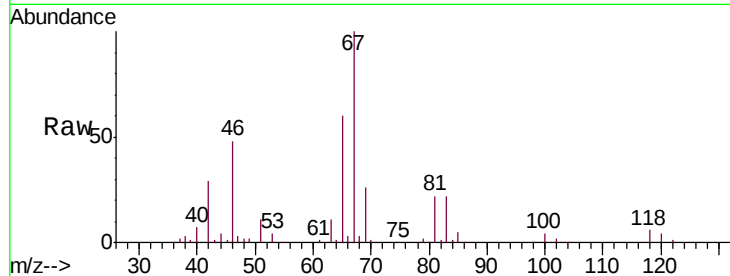




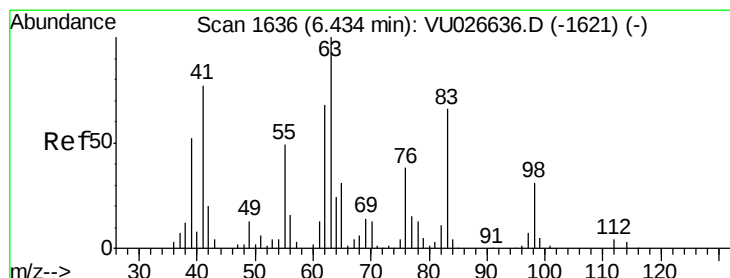
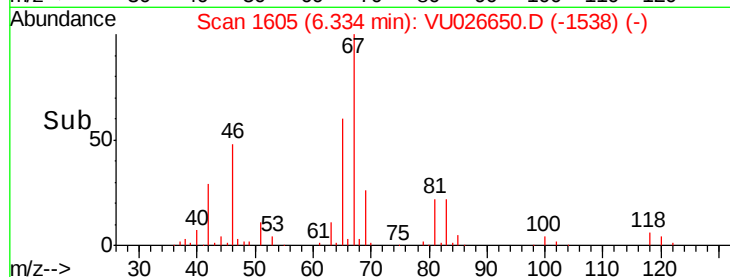
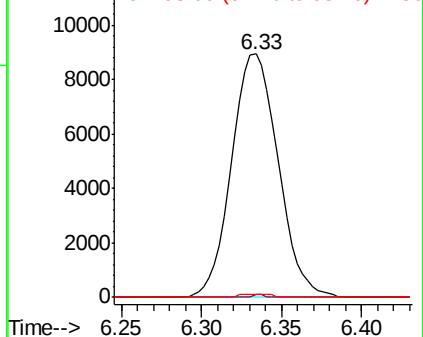
#35
Methylcyclohexane
Concen: 9.147 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026650.D
Acq: 10 Sep 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :
C08H4

Tgt Ion: 83 Resp: 17778
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.9 37.0 55.4#

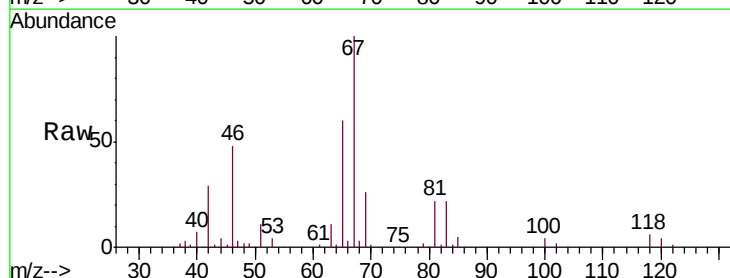


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

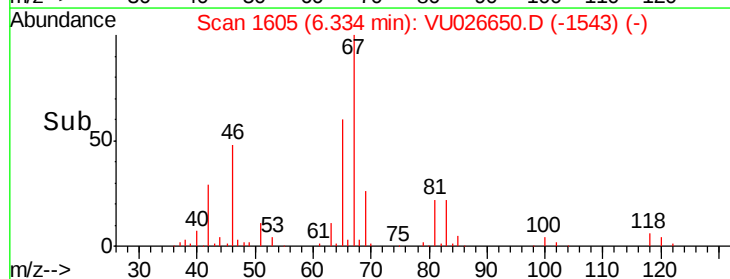
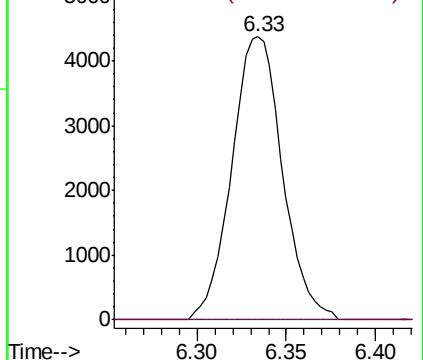


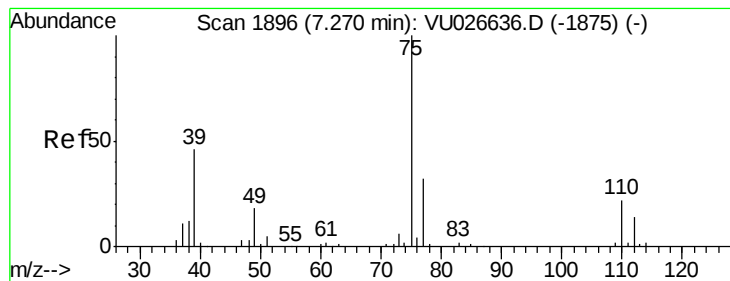
#37
1,2-Dichloropropane
Concen: 6.339 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026650.D
Acq: 10 Sep 2018 15:00

Tgt Ion: 63 Resp: 8650
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



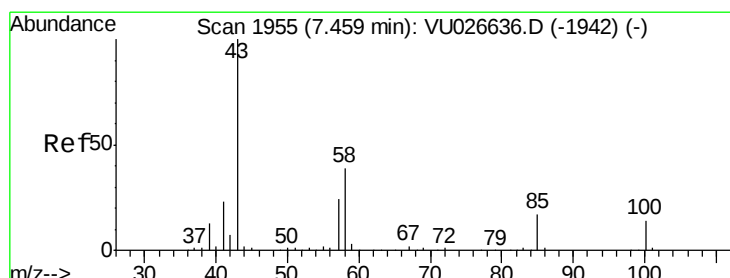
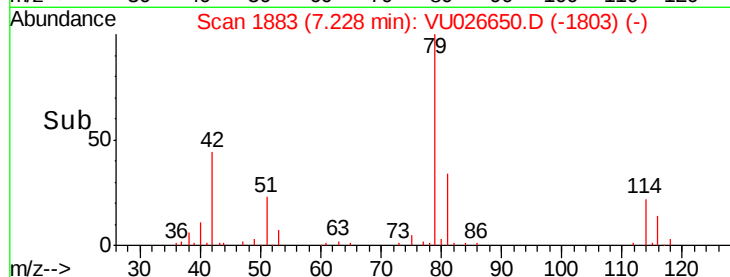
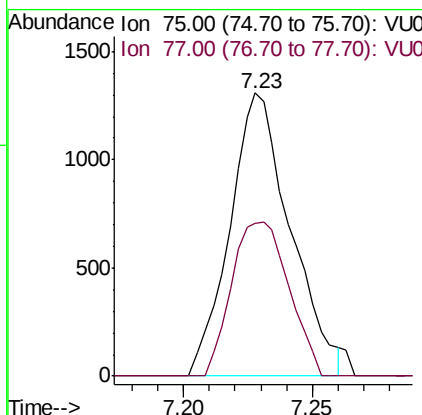
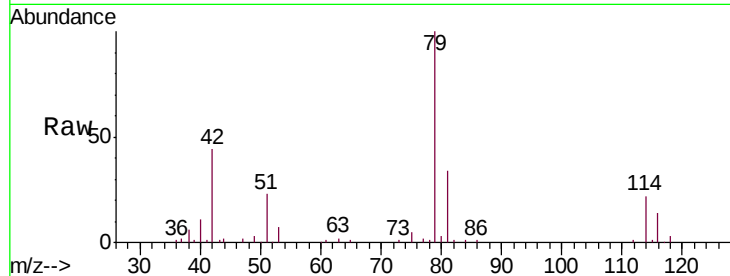


#39

cis-1,3-Dichloropropene
 Concen: 1.060 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026650.D
 Acq: 10 Sep 2018 15:00

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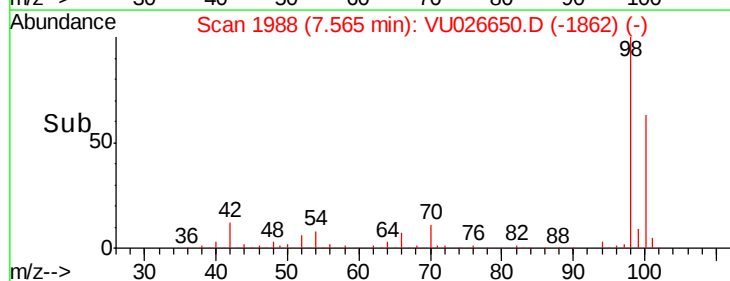
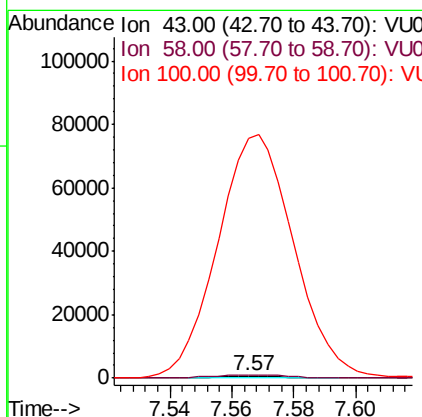
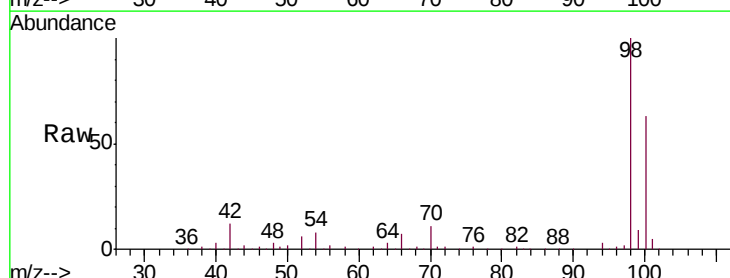
Tgt Ion: 75 Resp: 2140
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.3 41.3#

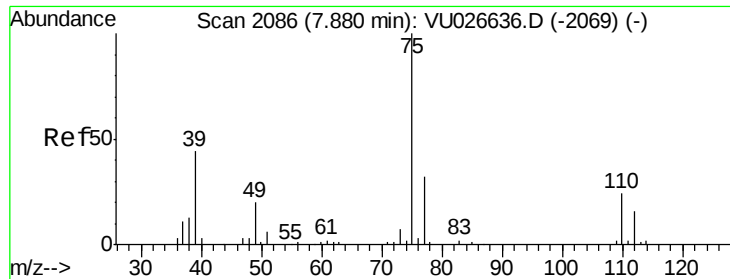


#40

4-Methyl-2-pentanone
 Concen: 0.538 ug/L
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.11 min
 Lab File: VU026650.D
 Acq: 10 Sep 2018 15:00

Tgt Ion: 43 Resp: 936
 Ion Ratio Lower Upper
 43 100
 58 186.9 31.1 46.7#
 100 14124.4 11.3 16.9#

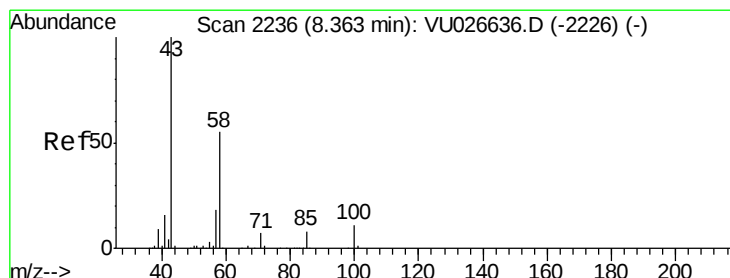
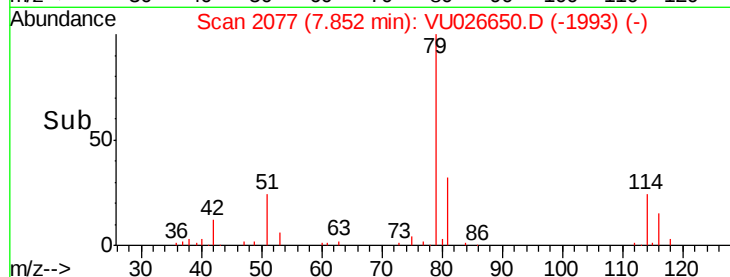
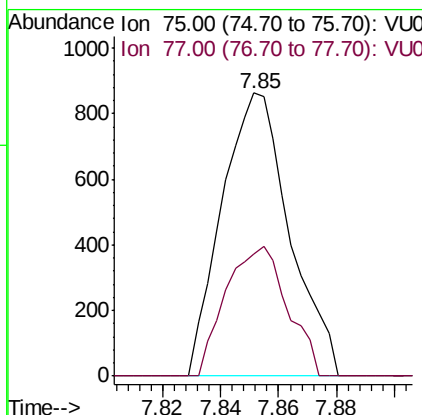
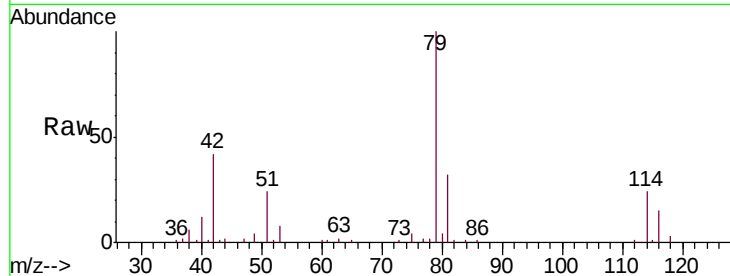




#44
 trans-1,3-Dichloropropene
 Concen: 0.744 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026650.D
 Acq: 10 Sep 2018 15:00

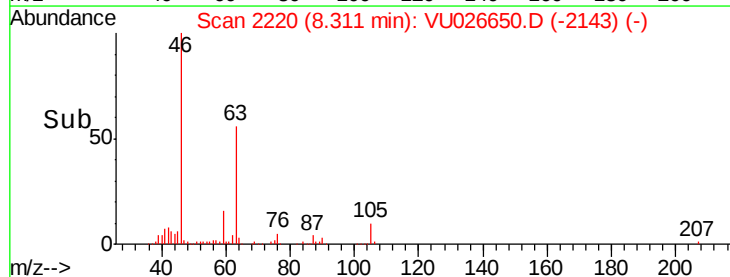
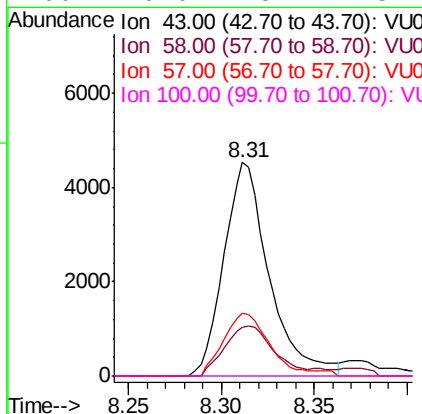
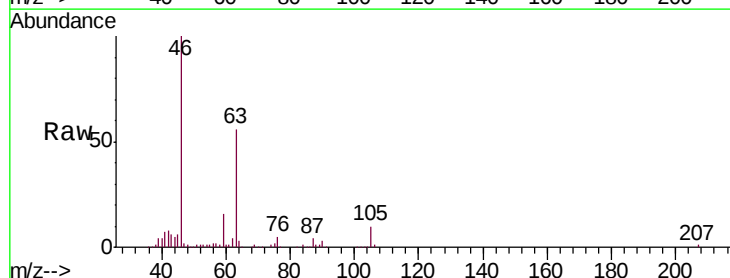
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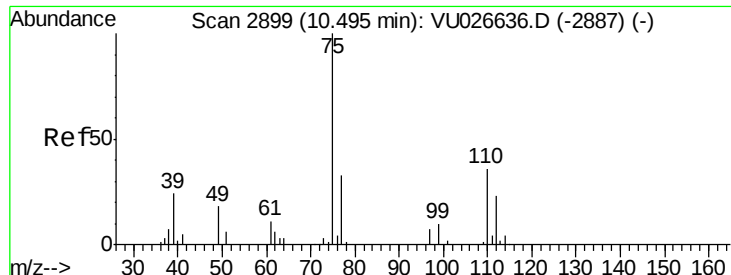
Tgt Ion: 75 Resp: 1398
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.4 41.6#



#48
 2-Hexanone
 Concen: 5.234 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU026650.D
 Acq: 10 Sep 2018 15:00

Tgt Ion: 43 Resp: 7692
 Ion Ratio Lower Upper
 43 100
 58 25.2 42.2 63.4#
 57 29.7 14.4 21.6#
 100 0.0 8.7 13.1#





#59
 1,2,3-Trichloropropane
 Concen: 5.407 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026650.D
 Acq: 10 Sep 2018 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 C08H4

Tgt Ion: 75 Resp: 8730
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.8 38.6

