

Data File : VU026664.D
Acq On : 10 Sep 2018 21:10
Operator : MD/SY
Sample : J4837-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08J5

Quant Time: Sep 11 07:10:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 07:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	178199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71385	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61988	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.36%
7) Chloroethane-d5	1.68	69	52597	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.27	63	85438	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.90%
21) 2-Butanone-d5	4.18	46	88339	106.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	4.65	84	108498	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.31	65	72821	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.34	84	219235	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.33	67	75091	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.70%
41) Toluene-d8	7.57	98	195564	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	32589	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.82%
47) 2-Hexanone-d5	8.31	63	62068	105.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99699	50.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	74660	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

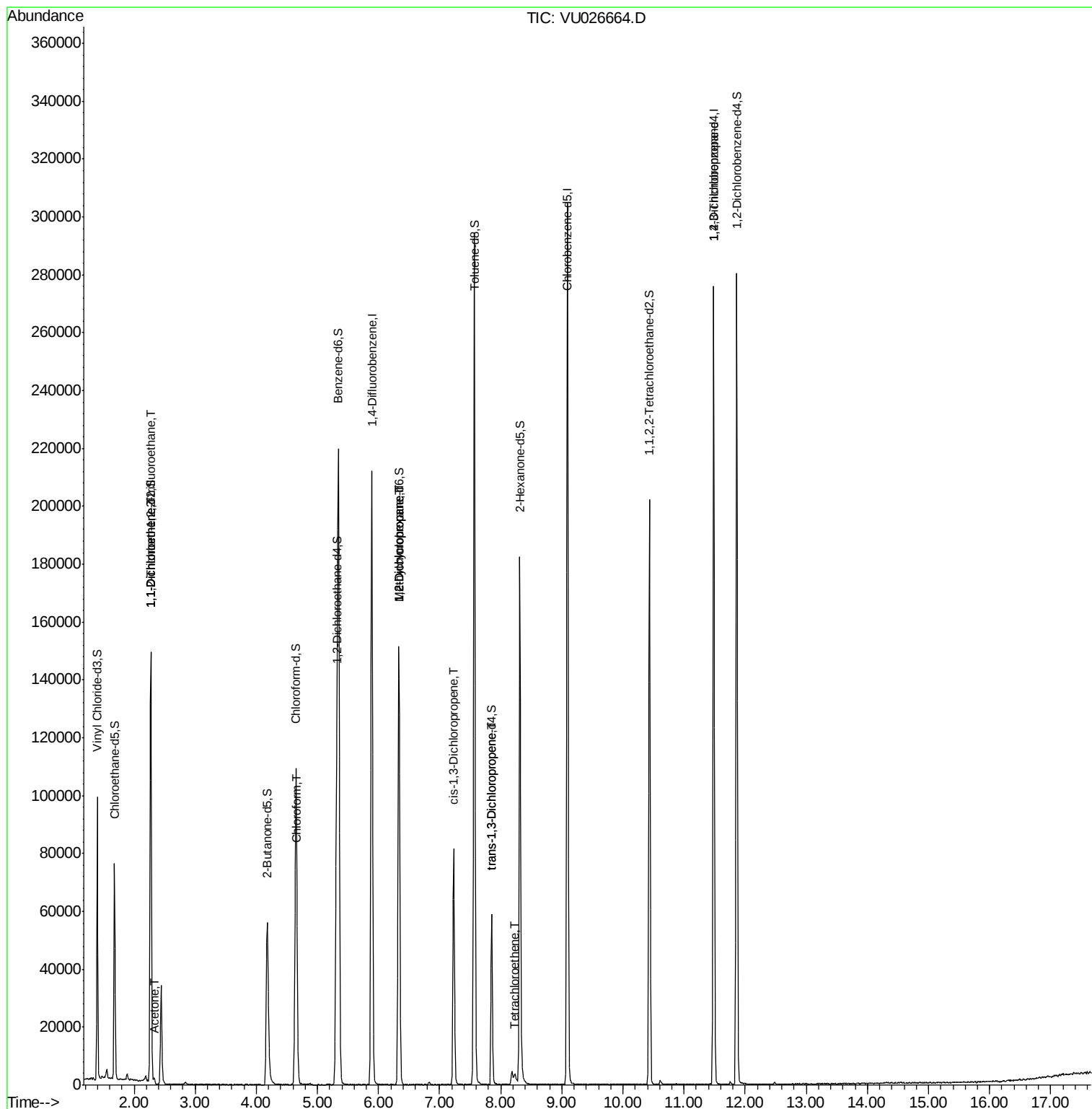
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	776	0.709 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	657	0.625 ug/L #	1
13) Acetone	2.32	43	1242	1.320 ug/L	93
25) Chloroform	4.67	83	1266	0.583 ug/L	91
35) Methylcyclohexane	6.33	83	16830	9.060 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8030	6.156 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1948	1.009 ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1427	0.795 ug/L	92
46) Tetrachloroethene	8.23	164	452	0.463 ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	8316	5.388 ug/L	92

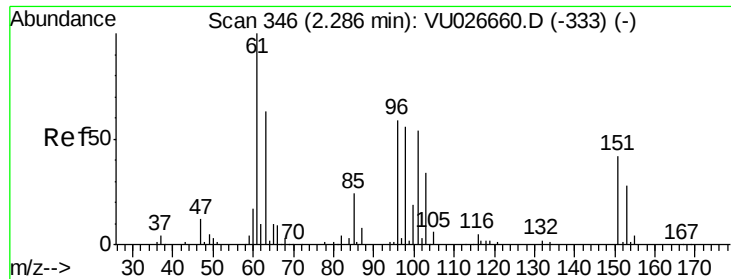
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.709 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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C08J5

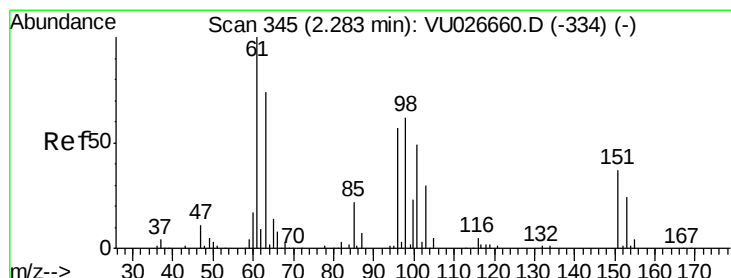
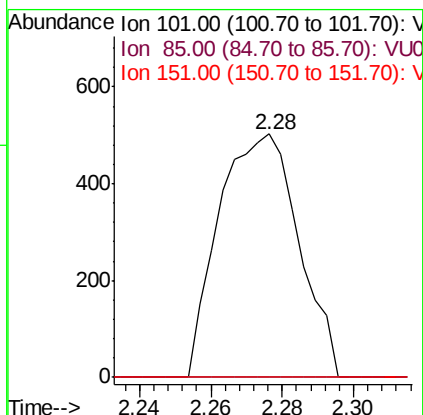
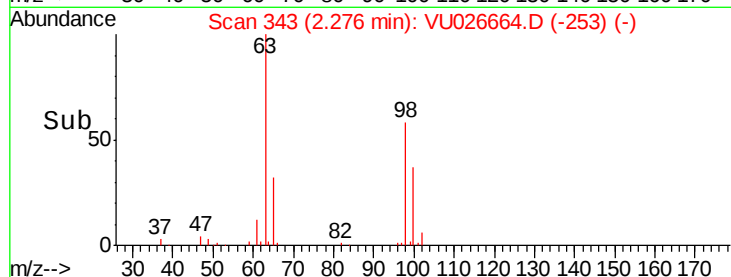
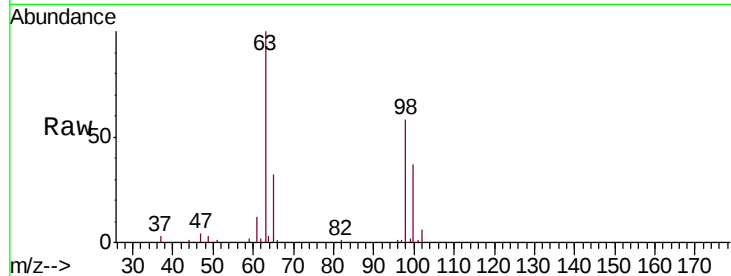
Tgt Ion: 101 Resp: 776

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: 0.625 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026664.D

Acq: 10 Sep 2018 21:10

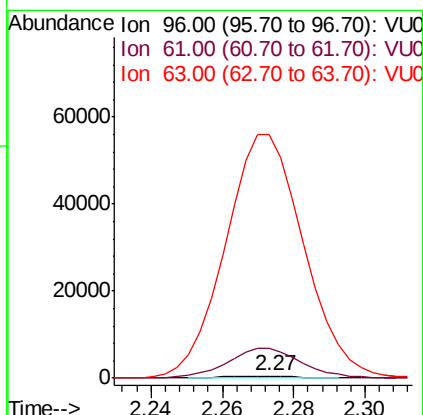
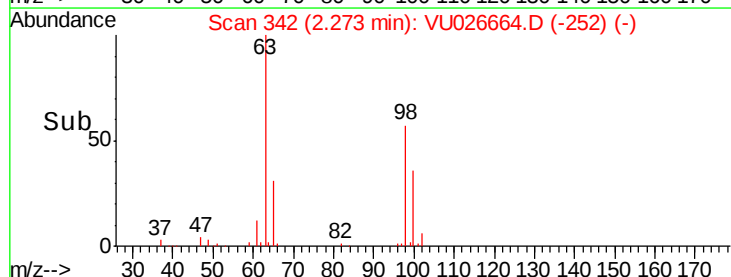
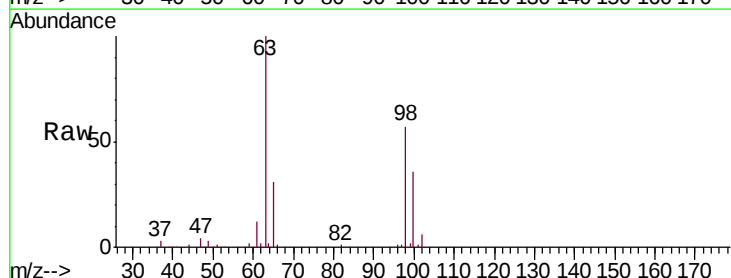
Tgt Ion: 96 Resp: 657

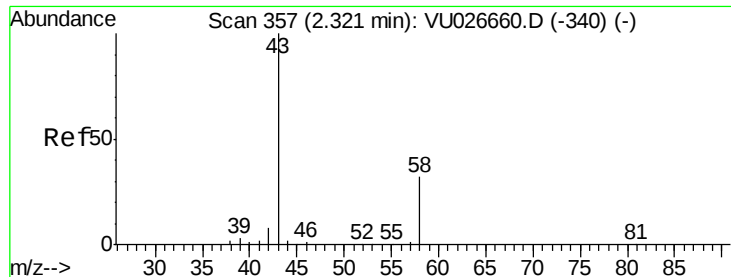
Ion Ratio Lower Upper

96 100

61 1492.1 121.0 224.8#

63 12360.3 89.9 166.9#





#13

Acetone

Concen: 1.320 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU026664.D

Acq: 10 Sep 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

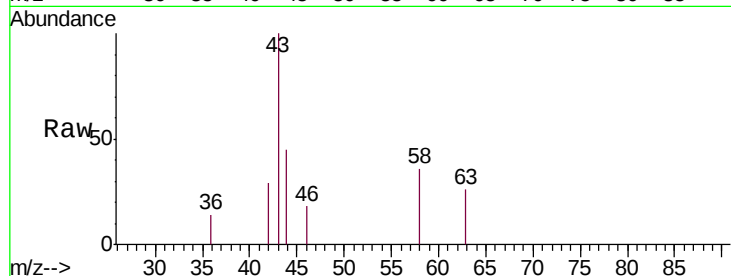
C08J5

Tgt Ion: 43 Resp: 1242

Ion Ratio Lower Upper

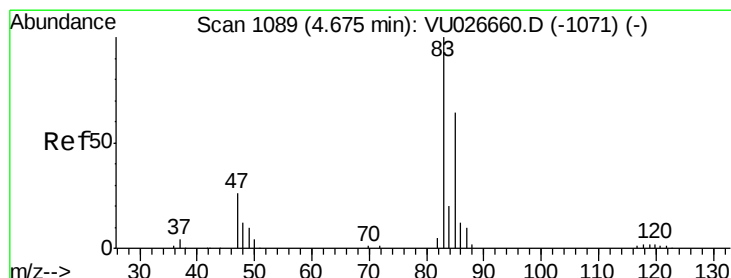
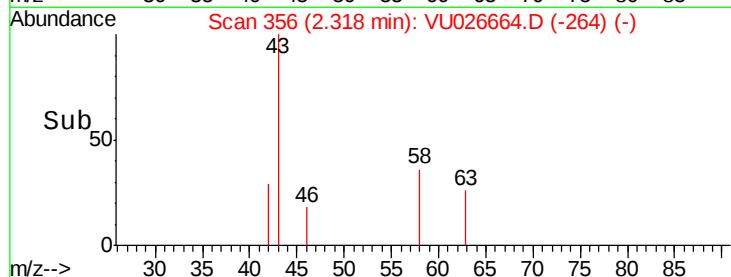
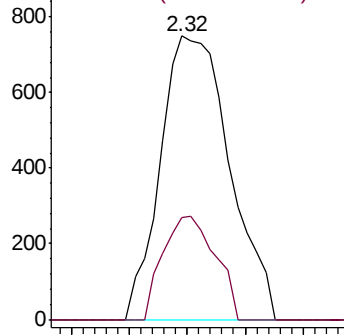
43 100

58 27.5 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 0.583 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU026664.D

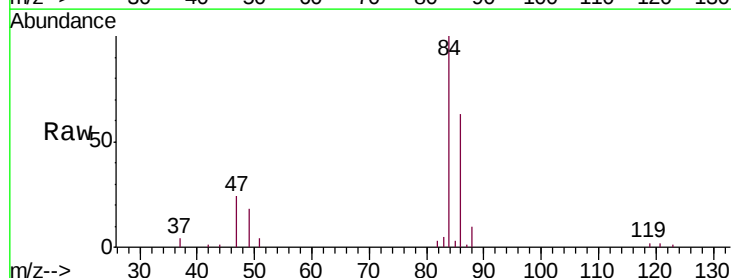
Acq: 10 Sep 2018 21:10

Tgt Ion: 83 Resp: 1266

Ion Ratio Lower Upper

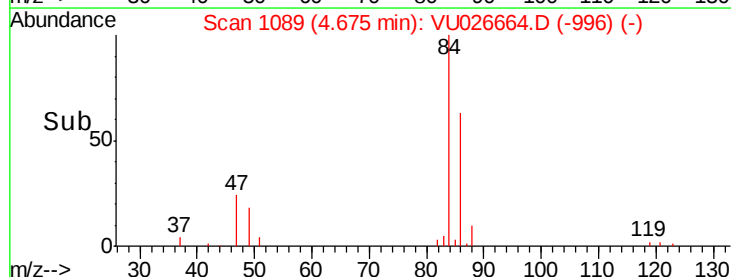
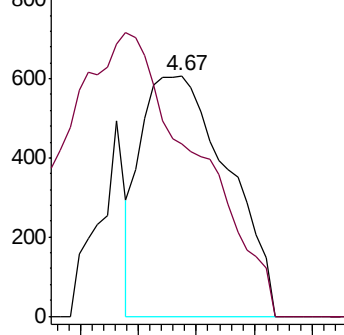
83 100

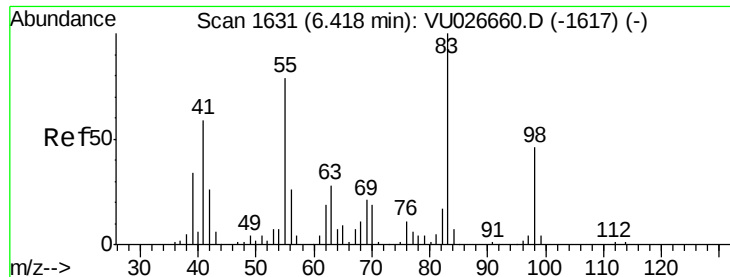
85 71.8 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

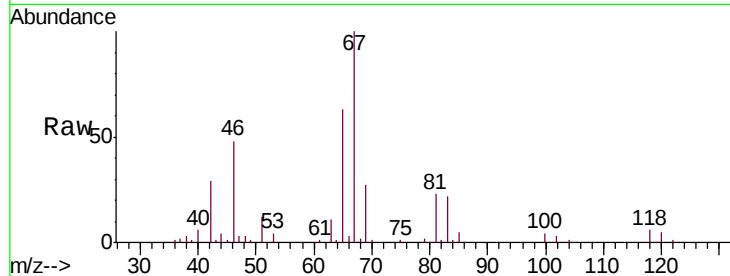




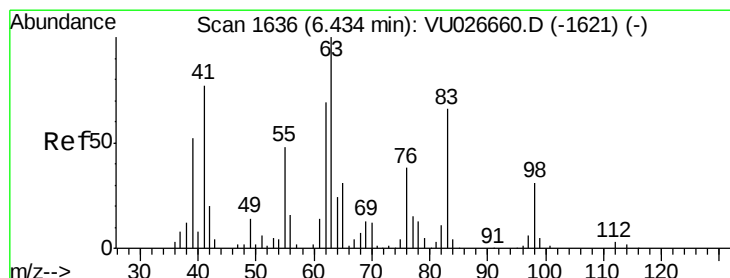
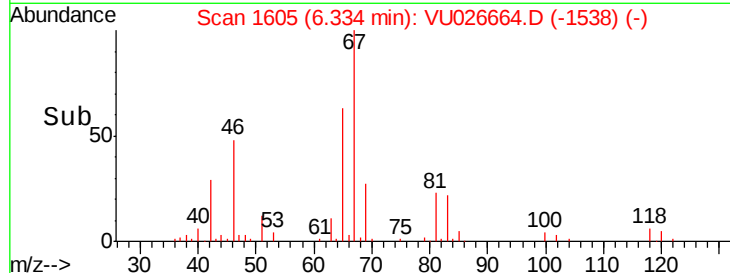
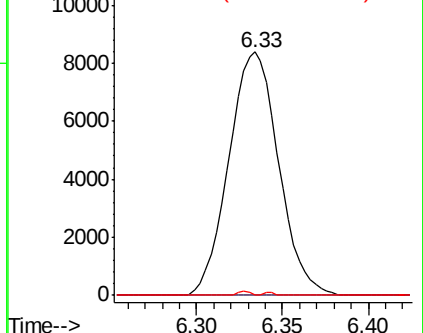
#35
Methylcyclohexane
Concen: 9.060 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026664.D
Acq: 10 Sep 2018 21:10

Instrument :
MSVOA_U
ClientSampled :
C08J5

Tgt Ion: 83 Resp: 16830
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.4 37.0 55.4#

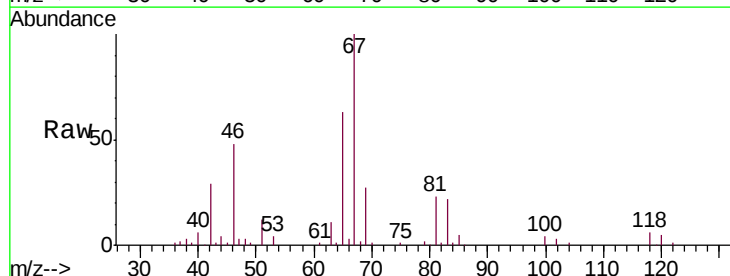


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

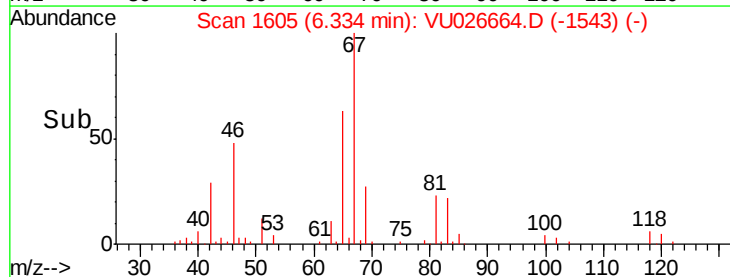
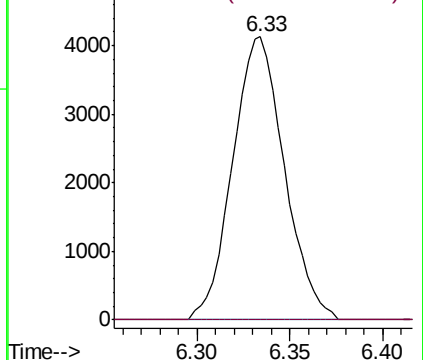


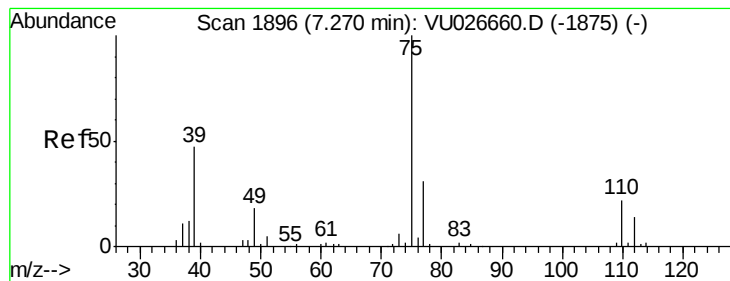
#37
1,2-Dichloropropane
Concen: 6.156 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026664.D
Acq: 10 Sep 2018 21:10

Tgt Ion: 63 Resp: 8030
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



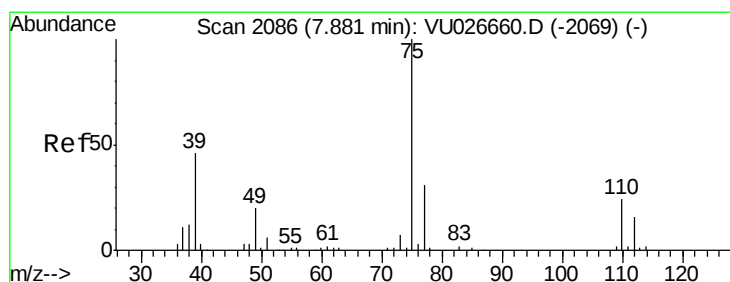
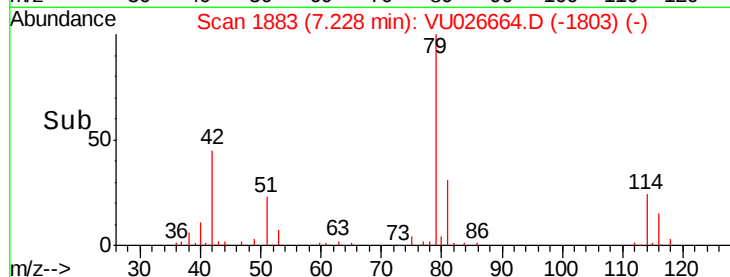
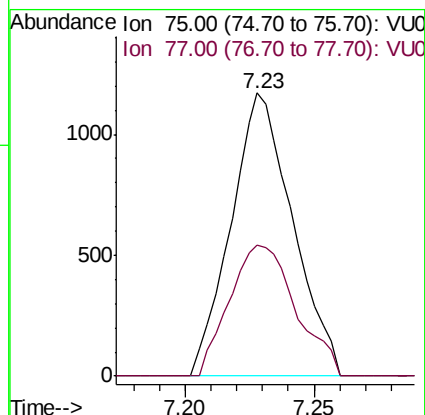
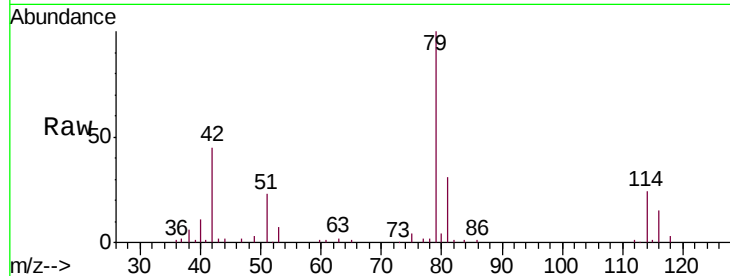


#39

cis-1,3-Dichloropropene
Concen: 1.009 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026664.D
Acq: 10 Sep 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
C08J5

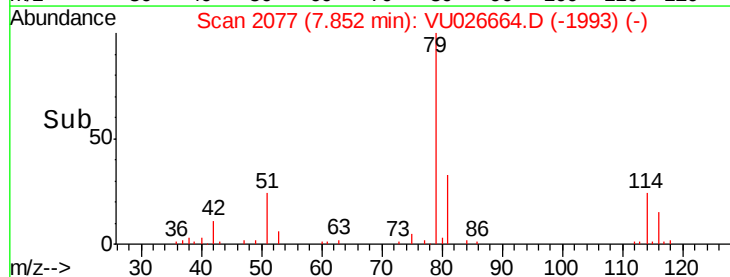
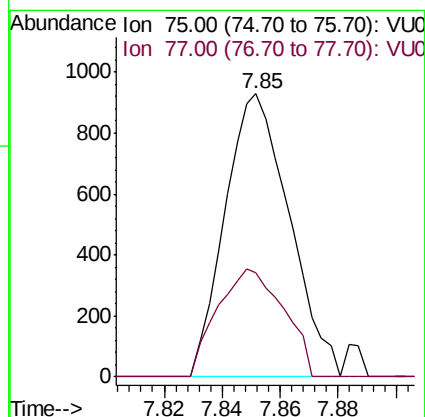
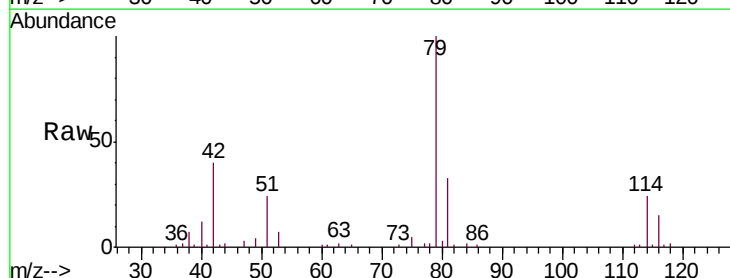
Tgt Ion: 75 Resp: 1948
Ion Ratio Lower Upper
75 100
77 46.2 22.3 41.3#

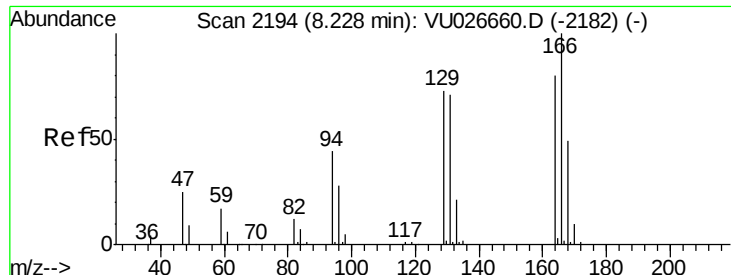


#44

trans-1,3-Dichloropropene
Concen: 0.795 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026664.D
Acq: 10 Sep 2018 21:10

Tgt Ion: 75 Resp: 1427
Ion Ratio Lower Upper
75 100
77 36.7 22.4 41.6





#46

Tetrachloroethene

Concen: 0.463 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU026664.D

Acq: 10 Sep 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

C08J5

Tgt Ion:164 Resp: 452

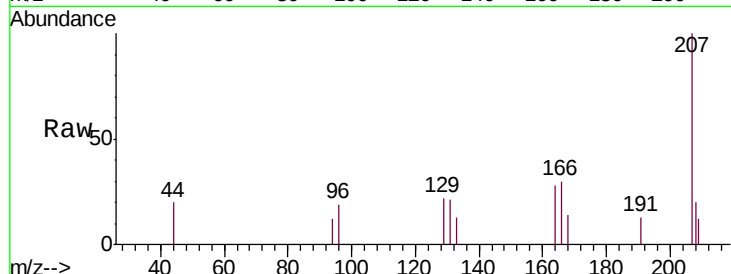
Ion Ratio Lower Upper

164 100

129 77.6 65.0 120.8

131 75.2 62.5 116.1

166 108.3 89.0 165.2

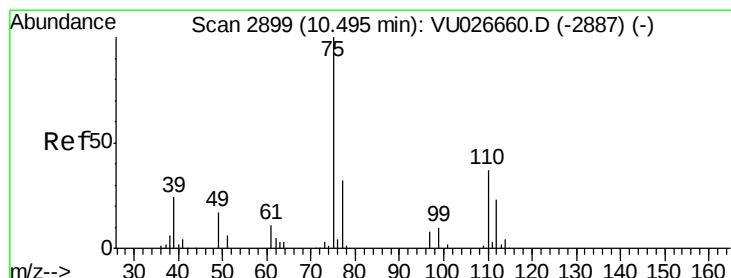
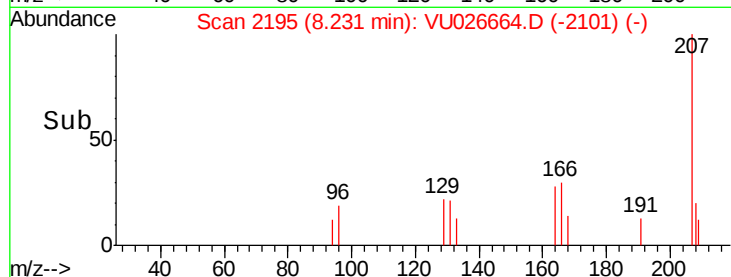
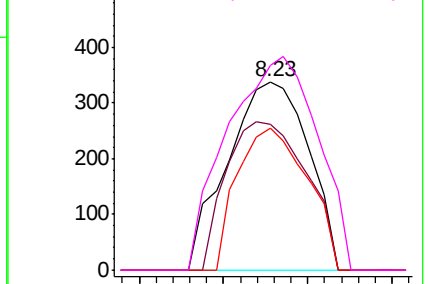


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.388 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026664.D

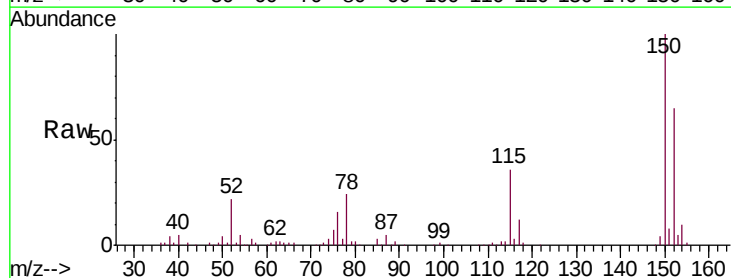
Acq: 10 Sep 2018 21:10

Tgt Ion: 75 Resp: 8316

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

