

Data File : VU026665.D
Acq On : 10 Sep 2018 21:33
Operator : MD/SY
Sample : J4837-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08J6

Quant Time: Sep 11 07:10:57 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	178152	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71506	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64632	48.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.36%
7) Chloroethane-d5	1.68	69	54254	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.42%
11) 1,1-Dichloroethene-d2	2.27	63	86083	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.46%
21) 2-Butanone-d5	4.18	46	92281	111.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.70%
24) Chloroform-d	4.65	84	111156	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
26) 1,2-Dichloroethane-d4	5.31	65	75014	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
32) Benzene-d6	5.34	84	225475	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.33	67	78481	53.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.42%
41) Toluene-d8	7.57	98	202416	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%
43) trans-1,3-Dichloropropene-	7.85	79	33251	48.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.90%
47) 2-Hexanone-d5	8.31	63	65901	110.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103043	51.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	77495	54.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.72%

Target Compounds

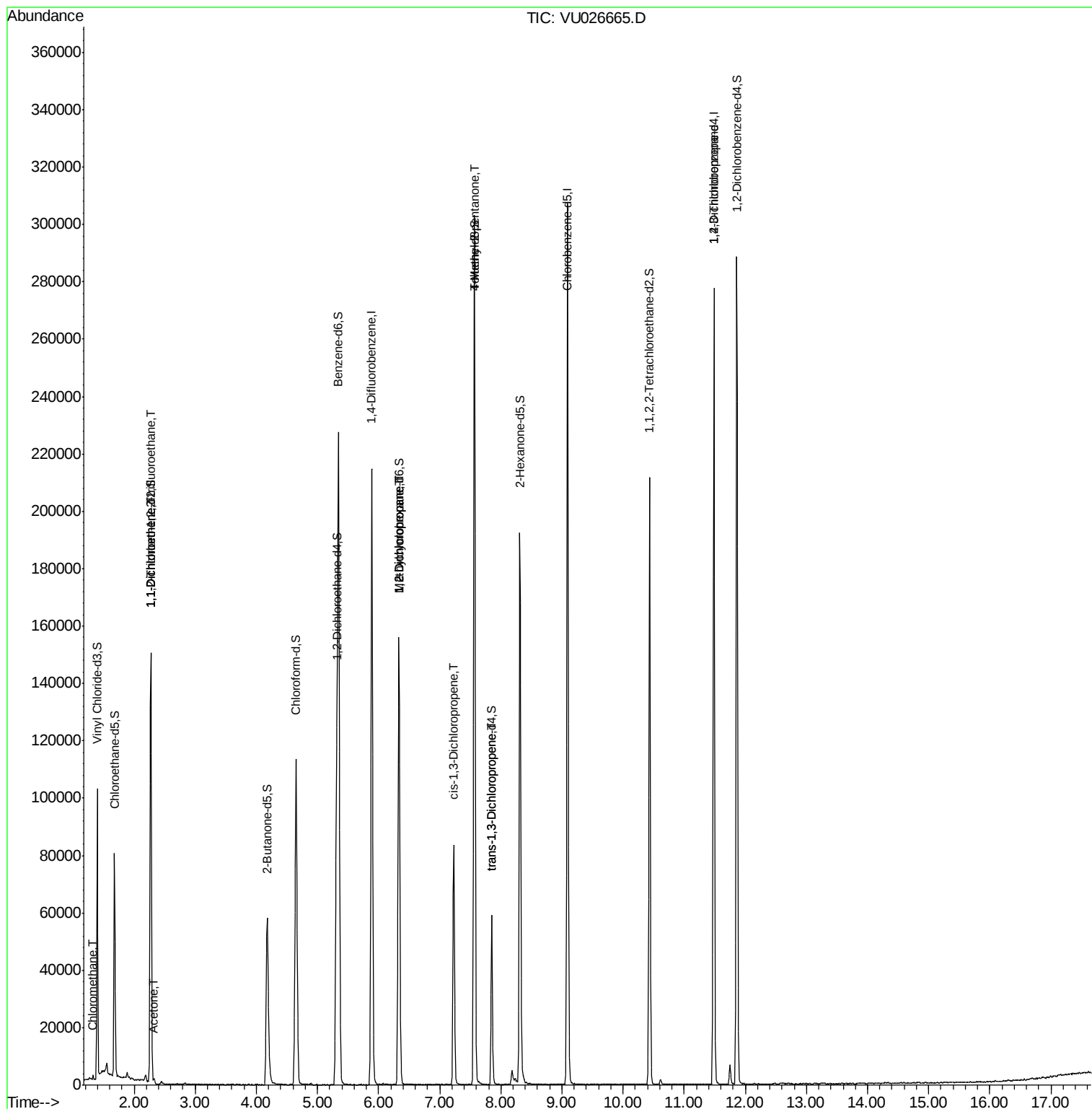
					Qvalue
3) Chloromethane	1.33	50	1046	0.710 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	766	0.700 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	580	0.552 ug/L #	1
13) Acetone	2.32	43	1059	1.125 ug/L	71
35) Methylcyclohexane	6.33	83	17445	9.307 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7914	6.013 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1861	0.956 ug/L #	66
40) 4-Methyl-2-pentanone	7.57	43	904	0.538 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1391	0.768 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	8309	5.336 ug/L #	87

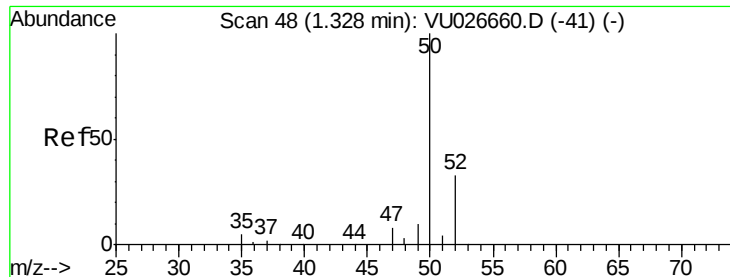
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.710 ug/L

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU026665.D

Acq: 10 Sep 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

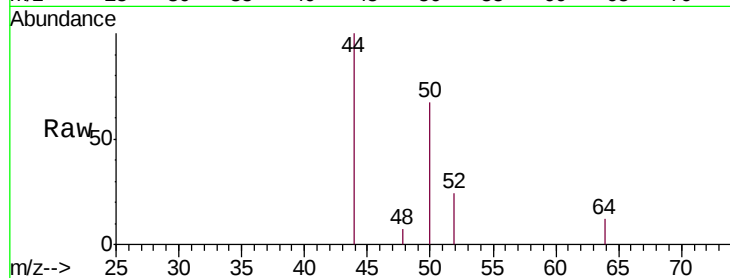
C08J6

Tgt Ion: 50 Resp: 1046

Ion Ratio Lower Upper

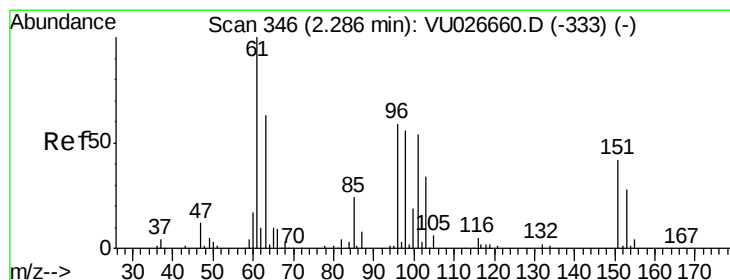
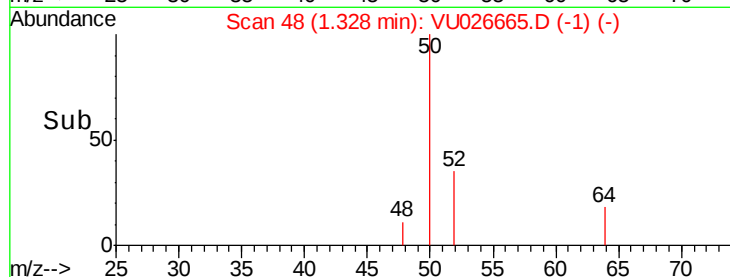
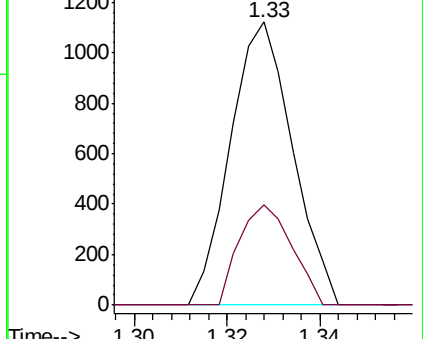
50 100

52 35.5 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VU026665.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU026665.D (-1) (-)



#10

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

Concen: 0.700 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026665.D

Acq: 10 Sep 2018 21:33

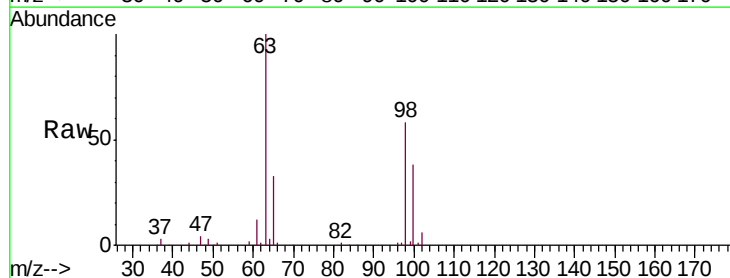
Tgt Ion: 101 Resp: 766

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

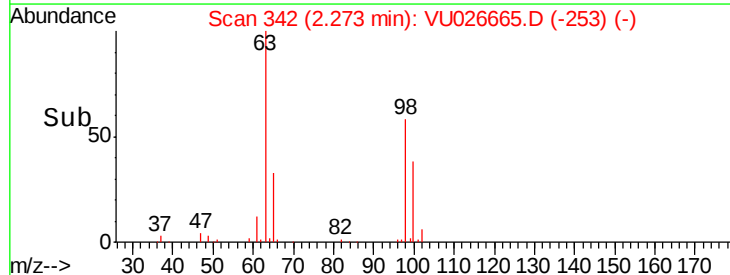
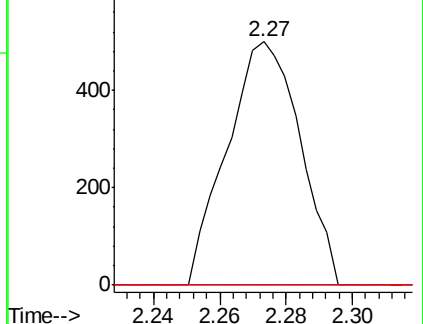
151 0.0 62.6 94.0#

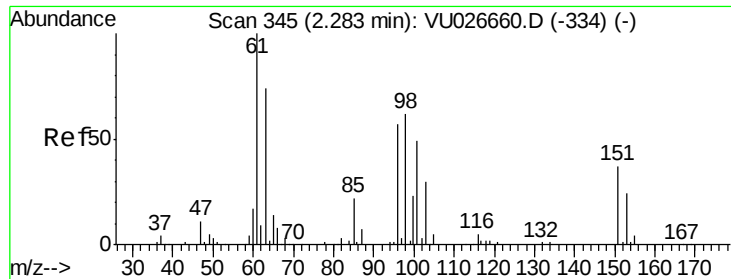


Abundance Ion 101.00 (100.70 to 101.70): VU026665.D (-253) (-)

Ion 85.00 (84.70 to 85.70): VU026665.D (-253) (-)

Ion 151.00 (150.70 to 151.70): VU026665.D (-253) (-)

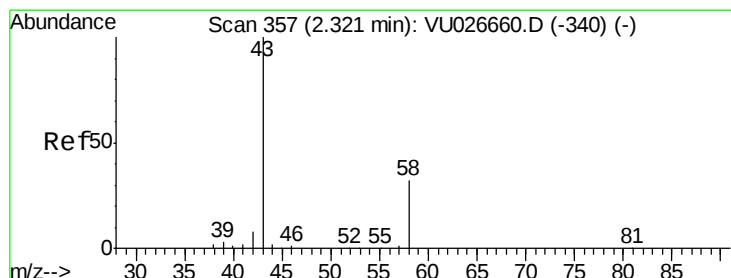
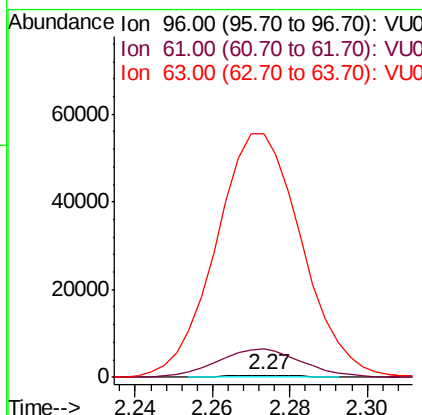
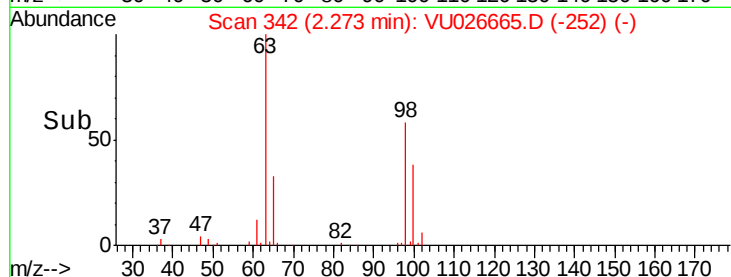
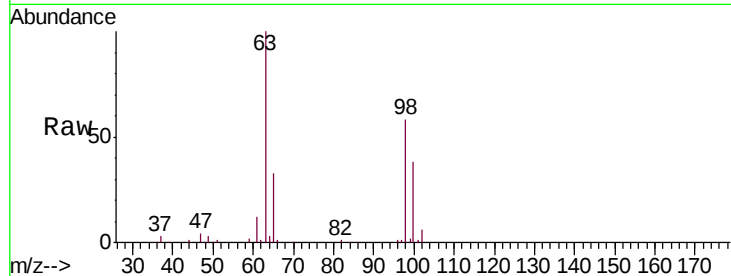




#12
 1,1-Dichloroethene
 Concen: 0.552 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU026665.D
 Acq: 10 Sep 2018 21:33

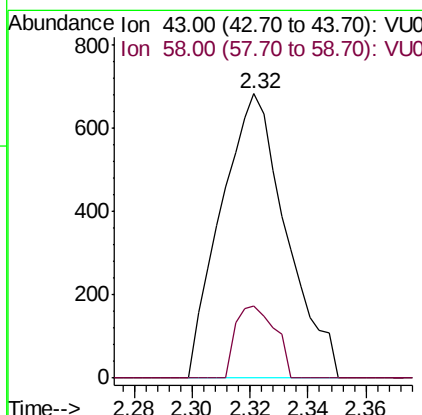
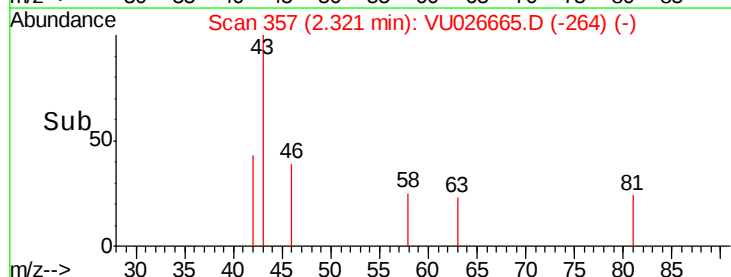
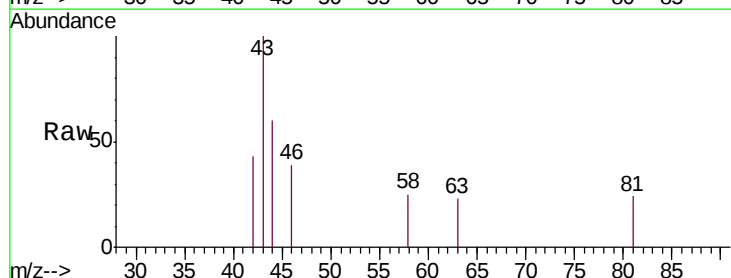
Instrument :
 MSVOA_U
 ClientSampled :
 C08J6

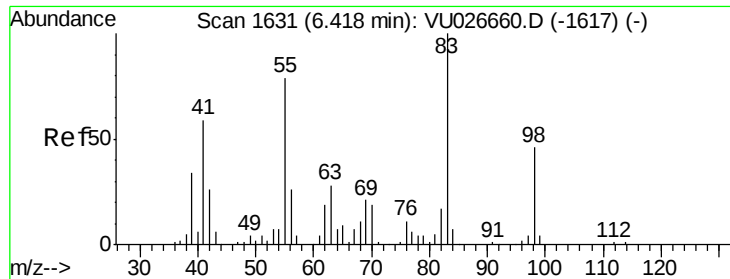
Tgt Ion: 96 Resp: 580
 Ion Ratio Lower Upper
 96 100
 61 1496.3 121.0 224.8#
 63 12938.0 89.9 166.9#



#13
 Acetone
 Concen: 1.125 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU026665.D
 Acq: 10 Sep 2018 21:33

Tgt Ion: 43 Resp: 1059
 Ion Ratio Lower Upper
 43 100
 58 15.3 0.0 62.8

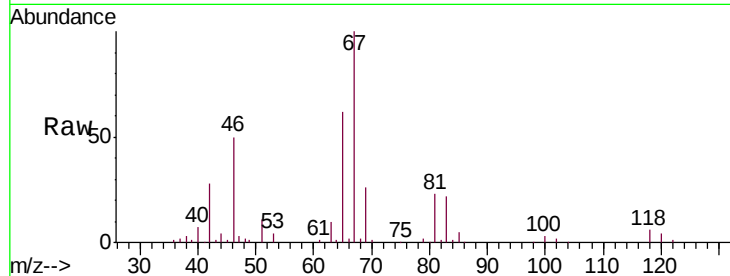




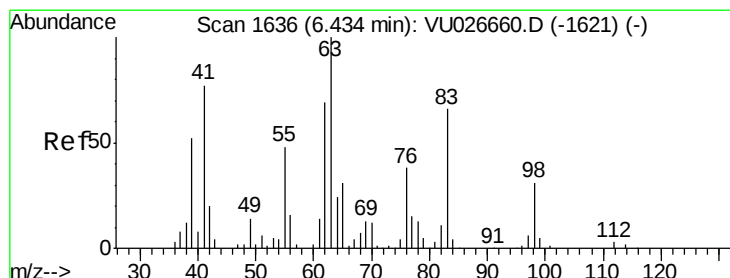
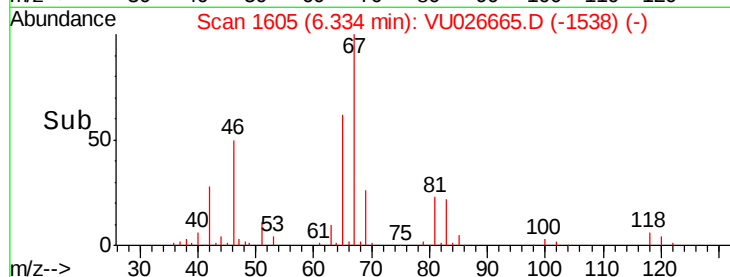
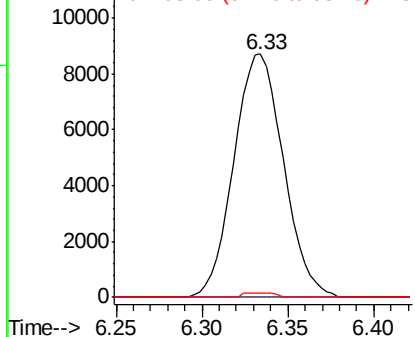
#35
Methylcyclohexane
Concen: 9.307 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026665.D
Acq: 10 Sep 2018 21:33

Instrument :
MSVOA_U
ClientSampleId :
C08J6

Tgt Ion: 83 Resp: 17445
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.6 37.0 55.4#

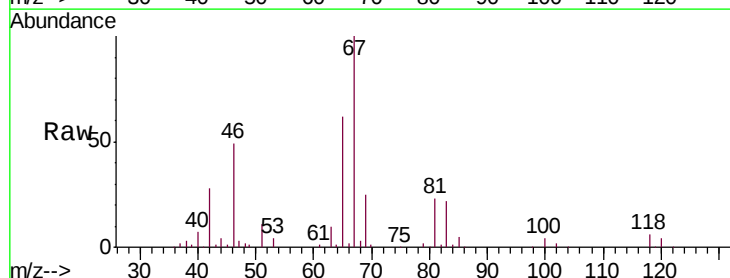


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

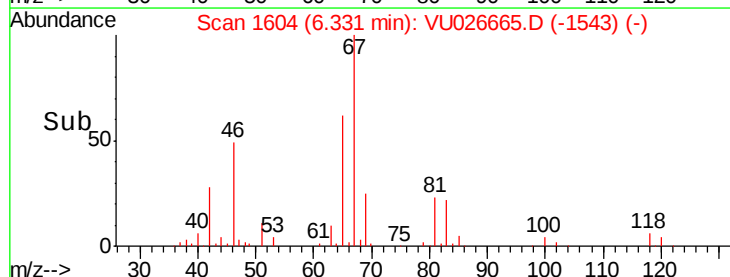
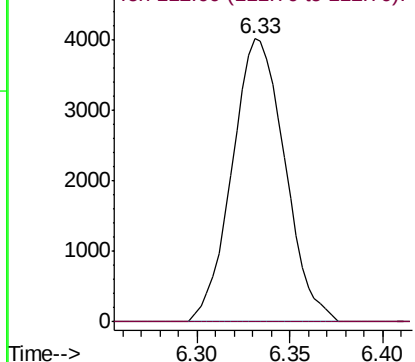


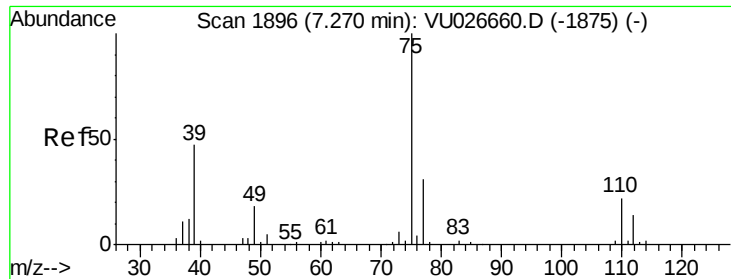
#37
1,2-Dichloropropane
Concen: 6.013 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026665.D
Acq: 10 Sep 2018 21:33

Tgt Ion: 63 Resp: 7914
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

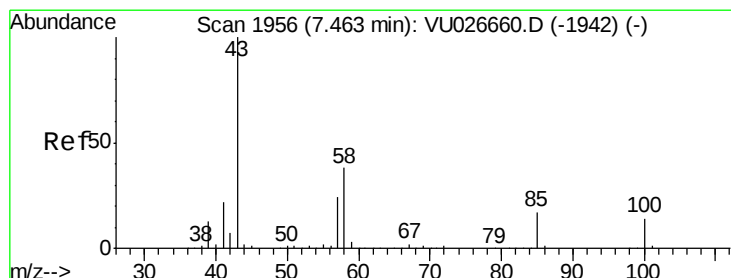
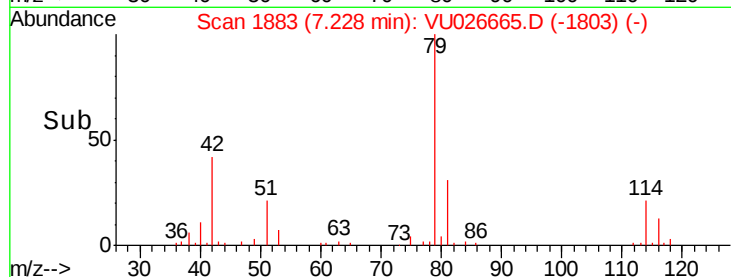
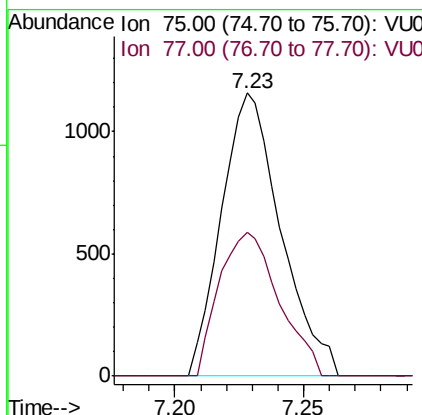
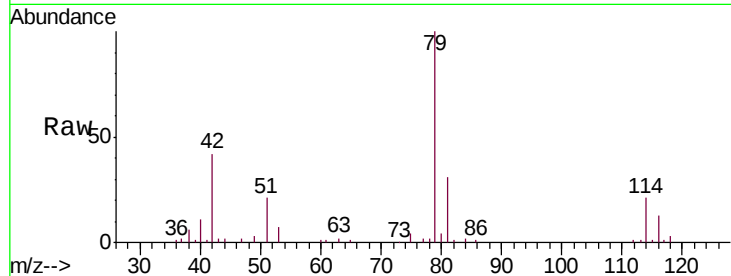




#39
 cis-1,3-Dichloropropene
 Concen: 0.956 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026665.D
 Acq: 10 Sep 2018 21:33

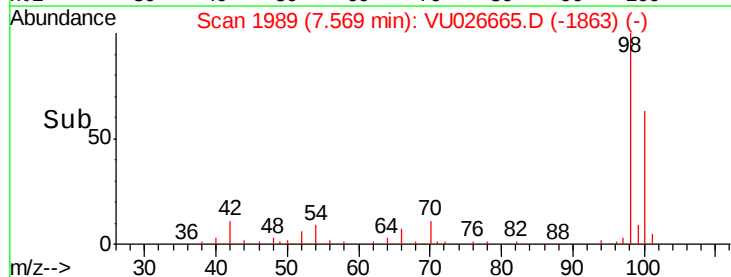
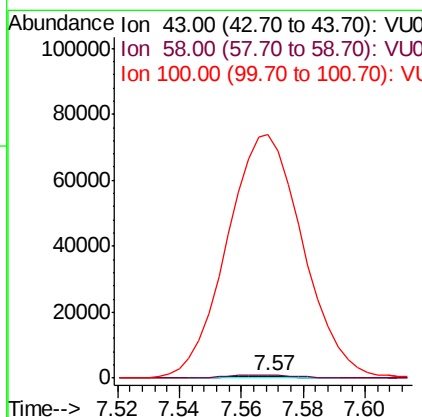
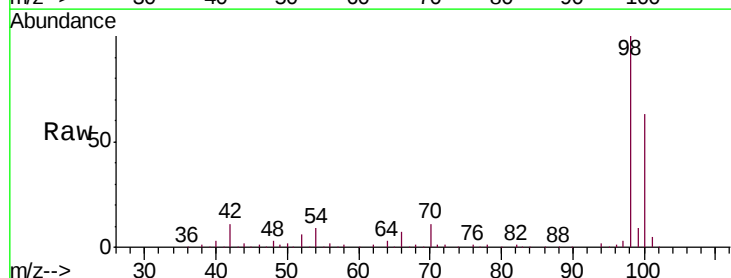
Instrument :
 MSVOA_U
 ClientSampleId :
 C08J6

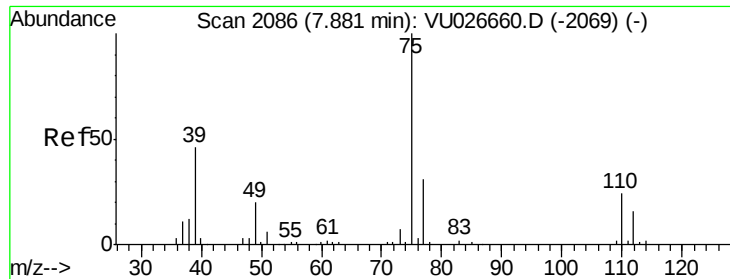
Tgt Ion: 75 Resp: 1861
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.3 41.3#



#40
 4-Methyl-2-pentanone
 Concen: 0.538 ug/L
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU026665.D
 Acq: 10 Sep 2018 21:33

Tgt Ion: 43 Resp: 904
 Ion Ratio Lower Upper
 43 100
 58 177.2 31.1 46.7#
 100 14081.6 11.3 16.9#





#44

trans-1,3-Dichloropropene

Concen: 0.768 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026665.D

Acq: 10 Sep 2018 21:33

Instrument :

MSVOA_U

ClientSampleId :

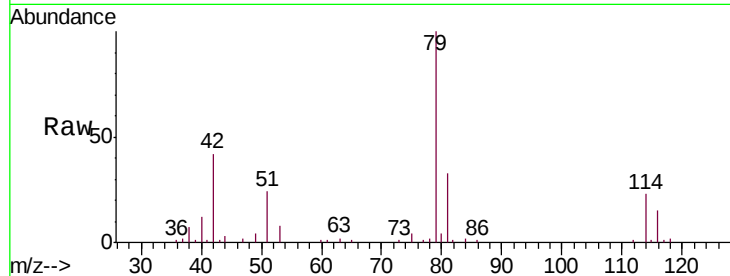
C08J6

Tgt Ion: 75 Resp: 1391

Ion Ratio Lower Upper

75 100

77 34.8 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.85

800

600

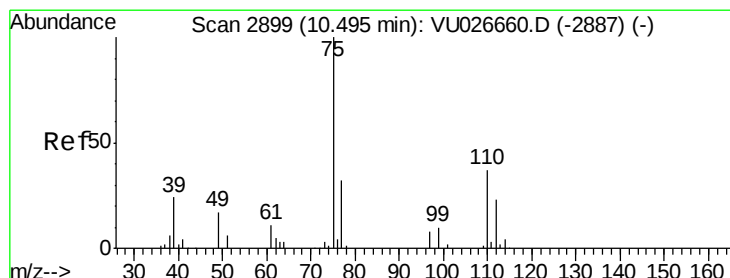
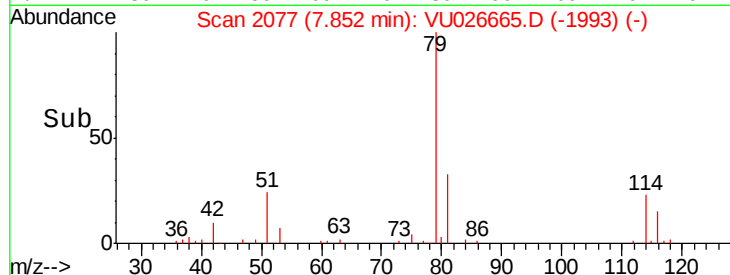
400

200

0

7.82 7.84 7.86 7.88

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.336 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026665.D

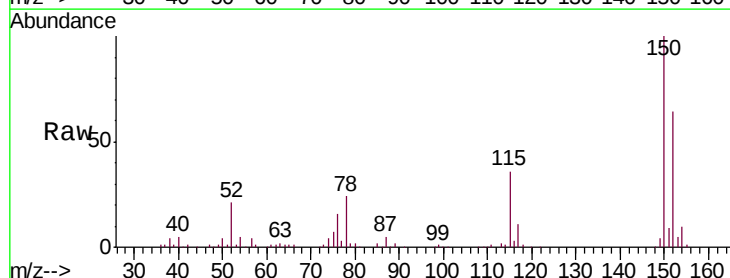
Acq: 10 Sep 2018 21:33

Tgt Ion: 75 Resp: 8309

Ion Ratio Lower Upper

75 100

77 39.2 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

6000

5000

4000

3000

2000

1000

0

11.45 11.50

Time-->

