

Data File : VU026663.D
Acq On : 10 Sep 2018 20:47
Operator : MD/SY
Sample : J4837-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08J4

Quant Time: Sep 11 07:10:37 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	185067	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64271	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.20%
7) Chloroethane-d5	1.68	69	53606	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.48%
11) 1,1-Dichloroethene-d2	2.27	63	87085	35.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.56%
21) 2-Butanone-d5	4.18	46	93161	108.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.55%
24) Chloroform-d	4.65	84	110359	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
26) 1,2-Dichloroethane-d4	5.31	65	74747	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.34	84	225487	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
36) 1,2-Dichloropropane-d6	6.33	67	77254	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%
41) Toluene-d8	7.57	98	201394	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%
43) trans-1,3-Dichloropropene-	7.85	79	32729	46.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.94%
47) 2-Hexanone-d5	8.31	63	63414	103.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102008	49.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	78359	53.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.56%

Target Compounds

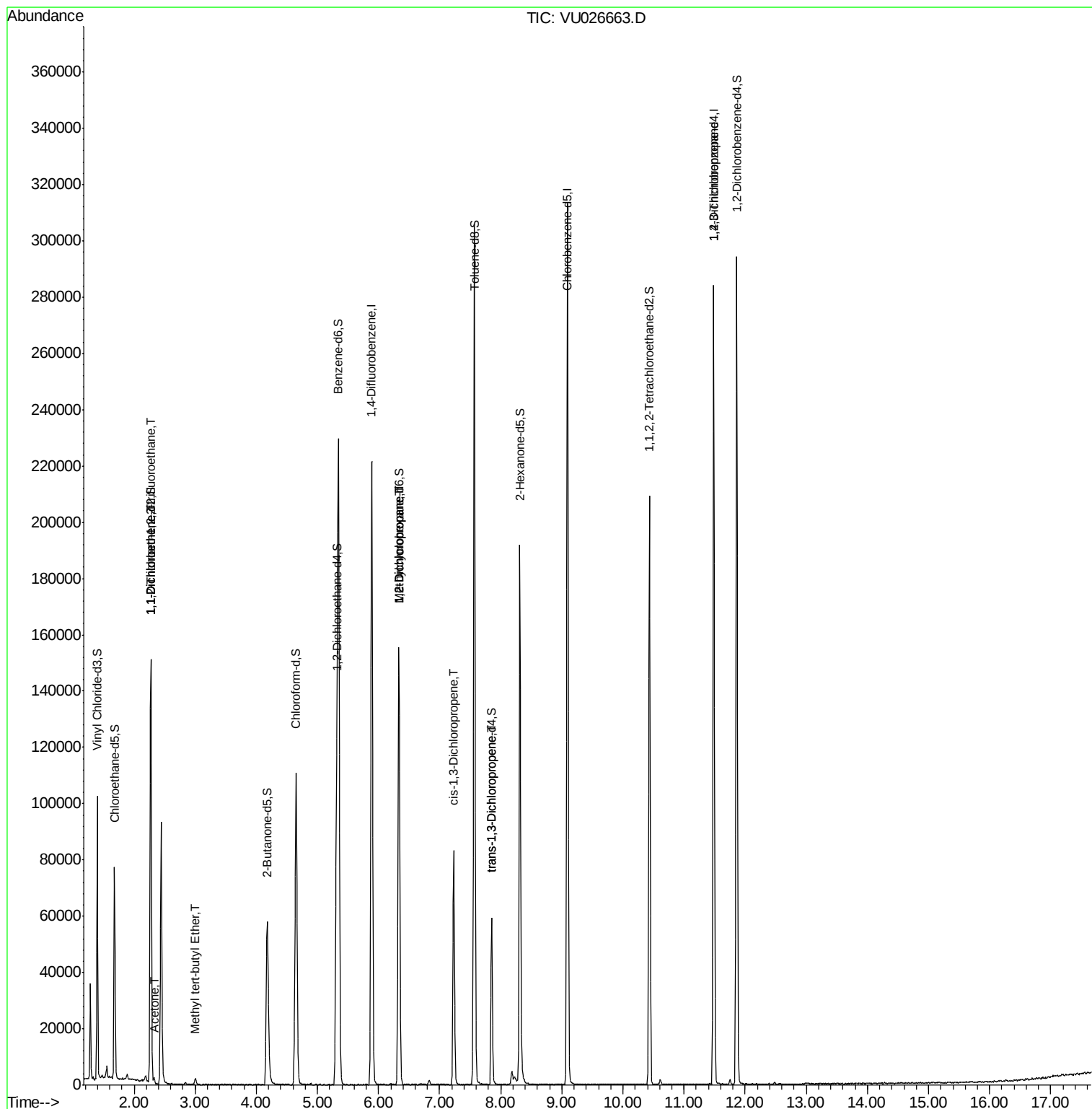
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	721	0.635	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	625	0.573	ug/L #	1
13) Acetone	2.32	43	1495	1.529	ug/L	85
18) Methyl tert-butyl Ether	3.01	73	2275	0.639	ug/L #	92
35) Methylcyclohexane	6.33	83	17034	8.860	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8298	6.147	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1874	0.938	ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1349	0.726	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	8570	5.366	ug/L	92

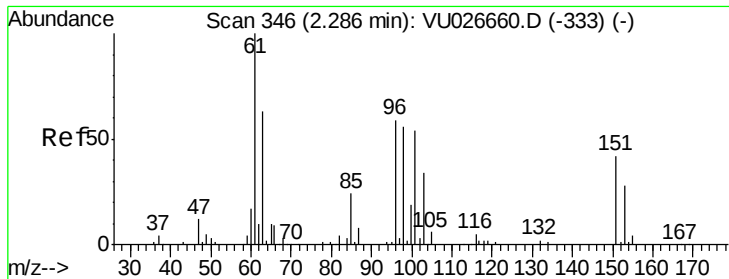
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Sep 11 07:07:03 2018
Response via : Initial Calibration





#10

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

Concen: 0.635 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026663.D

Acq: 10 Sep 2018 20:47

Instrument :

MSVOA_U

ClientSampleId :

C08J4

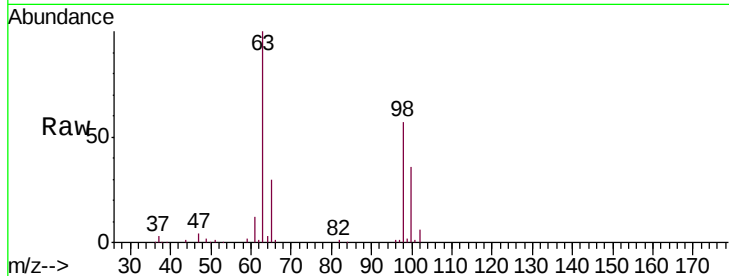
Tgt Ion: 101 Resp: 721

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

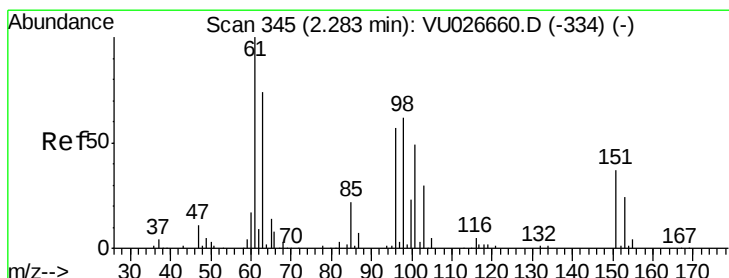
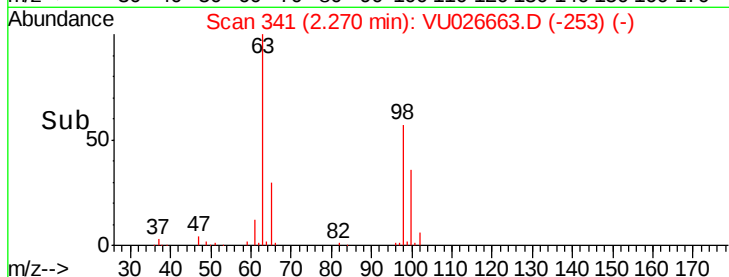
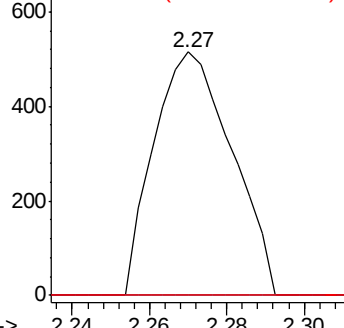
151 0.0 62.6 94.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.573 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026663.D

Acq: 10 Sep 2018 20:47

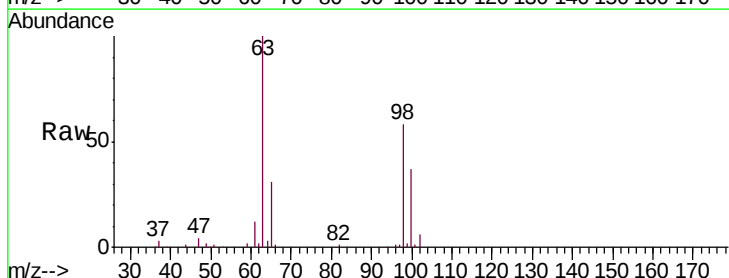
Tgt Ion: 96 Resp: 625

Ion Ratio Lower Upper

96 100

61 1357.2 121.0 224.8#

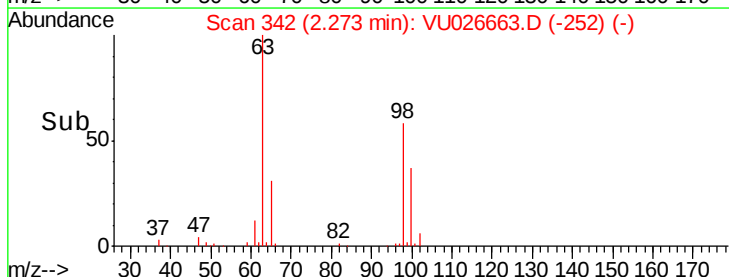
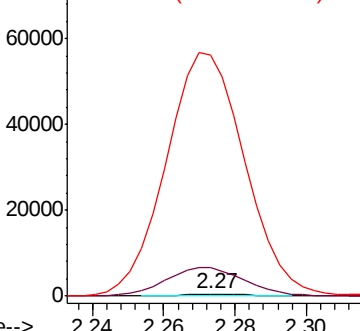
63 11577.0 89.9 166.9#

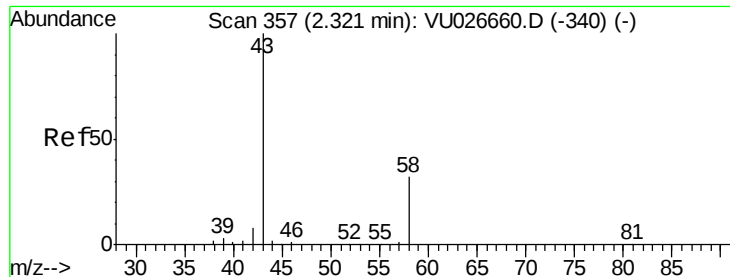


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.529 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026663.D

Acq: 10 Sep 2018 20:47

Instrument :

MSVOA_U

ClientSampled :

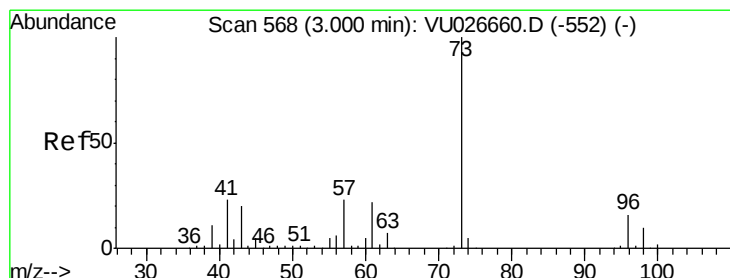
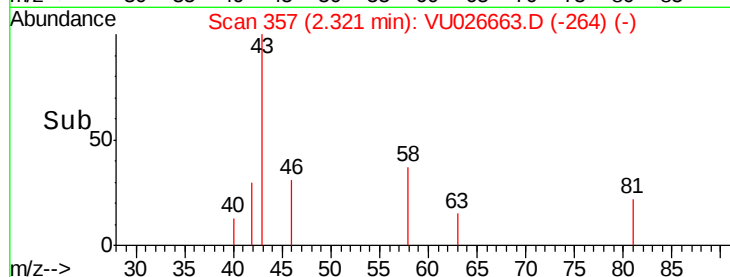
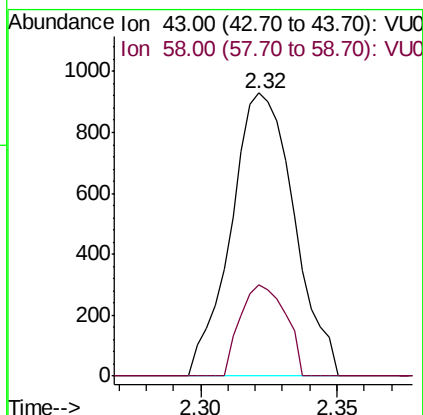
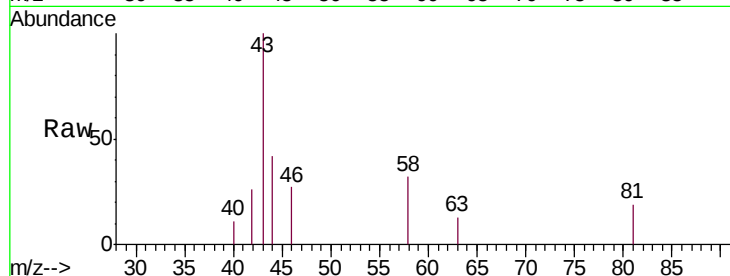
C08J4

Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

43 100

58 23.1 0.0 62.8



#18

Methyl tert-butyl Ether

Concen: 0.639 ug/L

RT: 3.01 min Scan# 570

Delta R.T. 0.01 min

Lab File: VU026663.D

Acq: 10 Sep 2018 20:47

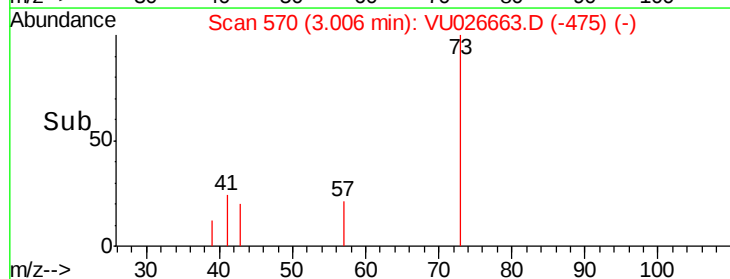
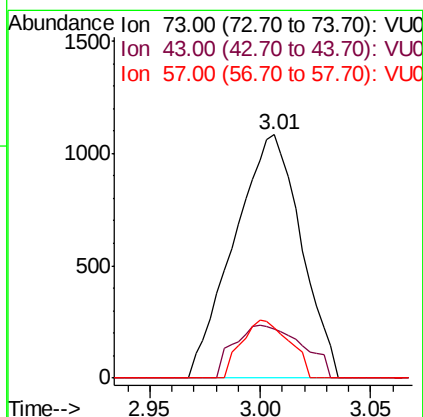
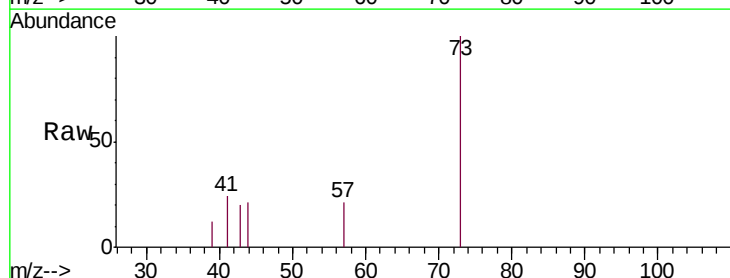
Tgt Ion: 73 Resp: 2275

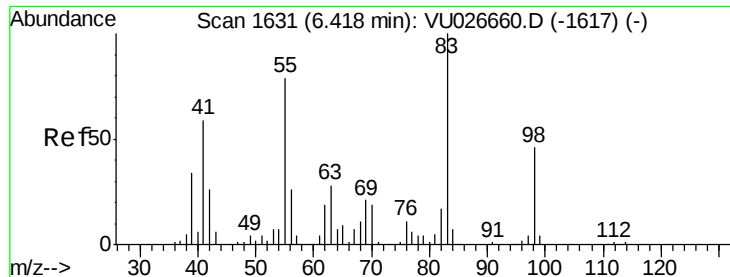
Ion Ratio Lower Upper

73 100

43 21.1 16.0 24.0

57 17.1 18.6 27.8#

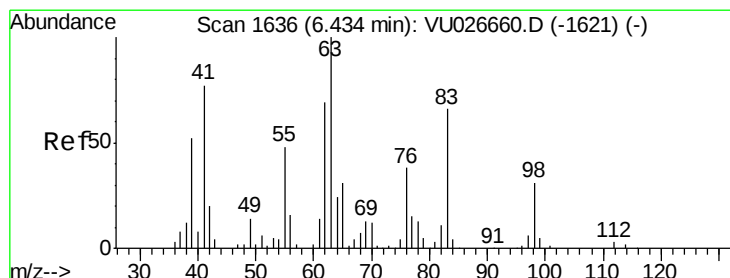
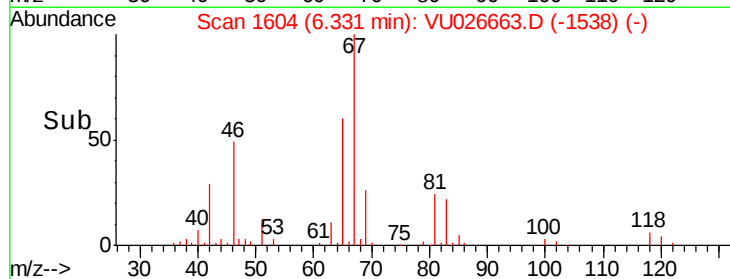
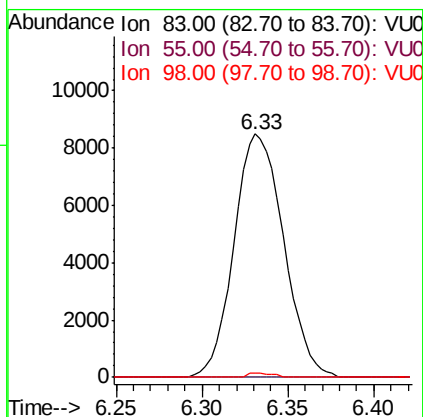
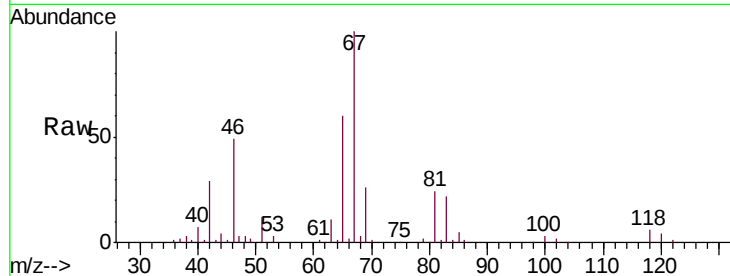




#35
Methylcyclohexane
Concen: 8.860 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026663.D
Acq: 10 Sep 2018 20:47

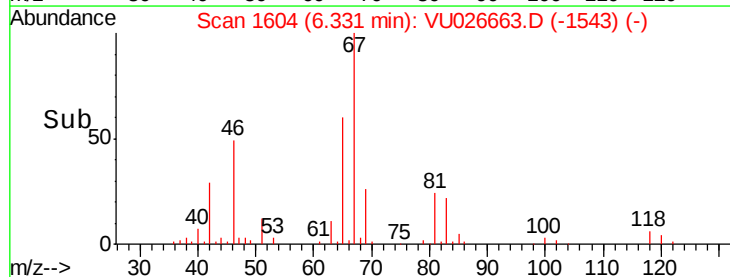
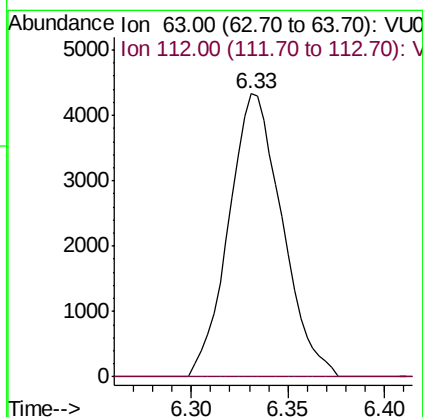
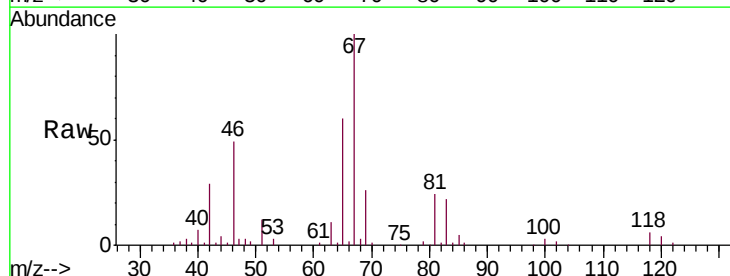
Instrument :
MSVOA_U
ClientSampleId :
C08J4

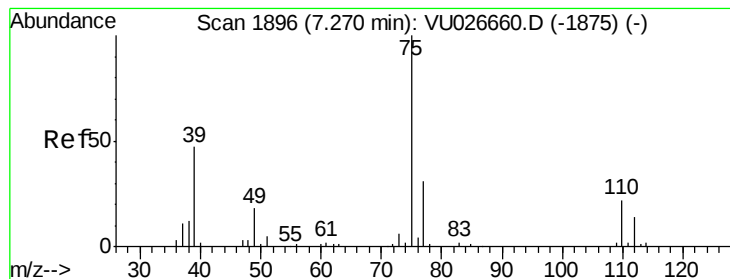
Tgt Ion: 83 Resp: 17034
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.7 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 6.147 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026663.D
Acq: 10 Sep 2018 20:47

Tgt Ion: 63 Resp: 8298
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



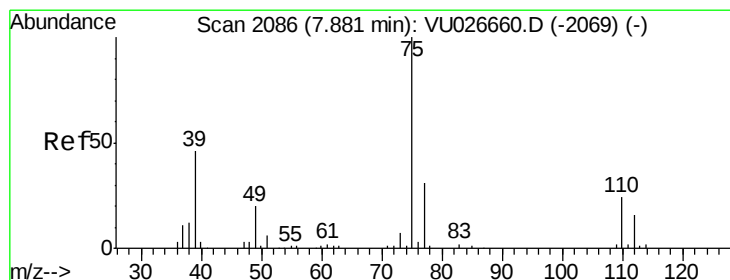
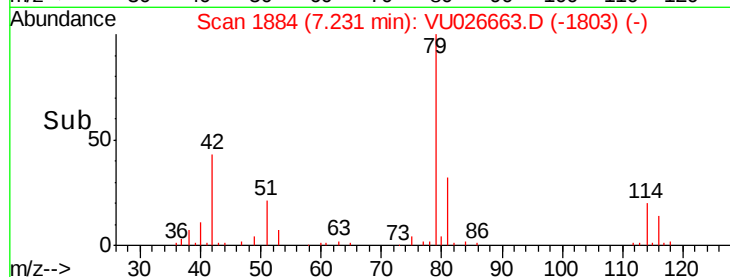
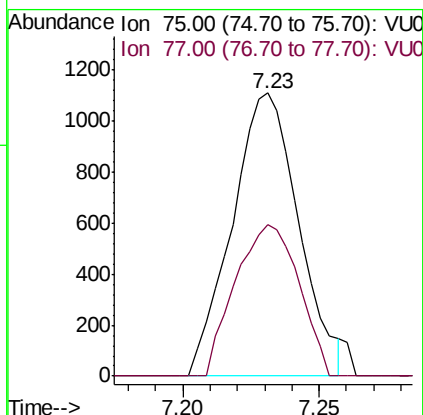
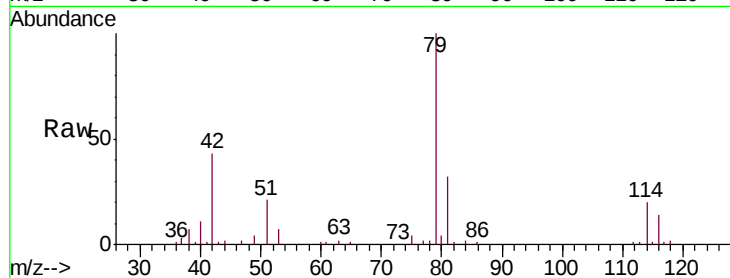


#39

cis-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026663.D
 Acq: 10 Sep 2018 20:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C08J4

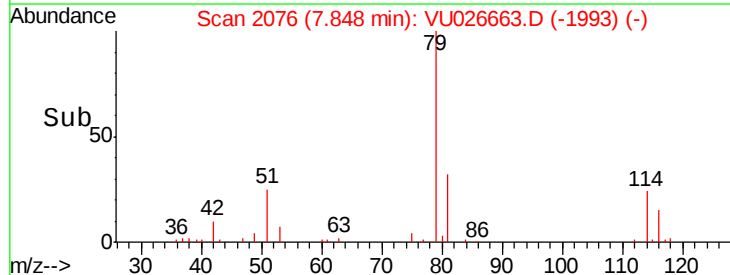
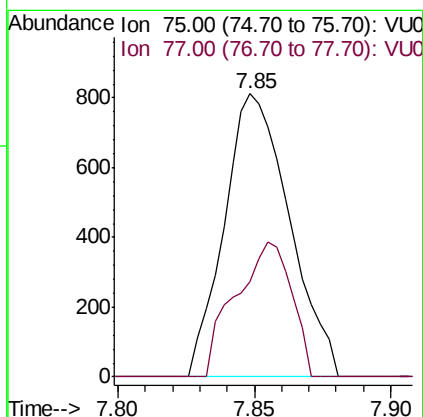
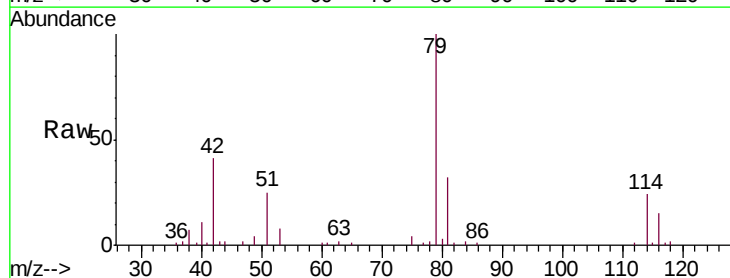
Tgt Ion: 75 Resp: 1874
 Ion Ratio Lower Upper
 75 100
 77 53.4 22.3 41.3#

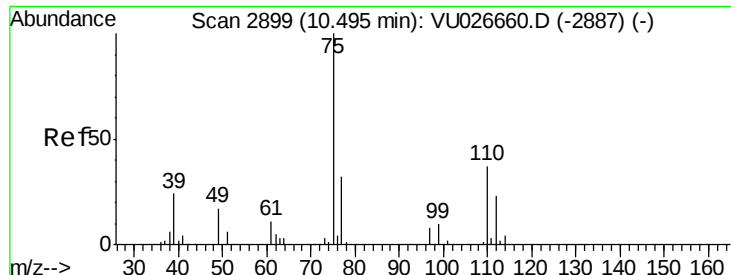


#44

trans-1,3-Dichloropropene
 Concen: 0.726 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU026663.D
 Acq: 10 Sep 2018 20:47

Tgt Ion: 75 Resp: 1349
 Ion Ratio Lower Upper
 75 100
 77 33.9 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.366 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026663.D

Acq: 10 Sep 2018 20:47

Instrument :

MSVOA_U

ClientSampleId :

C08J4

Tgt Ion: 75 Resp: 8570

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.6

