

Data File : VU026659.D
Acq On : 10 Sep 2018 18:28
Operator : MD/SY
Sample : J4837-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08J3

Quant Time: Sep 11 05:32:55 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	181422	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72365	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63009	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.20%
7) Chloroethane-d5	1.68	69	53079	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.44%
11) 1,1-Dichloroethene-d2	2.27	63	86556	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.54%
21) 2-Butanone-d5	4.18	46	87353	103.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.83%
24) Chloroform-d	4.65	84	108580	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	73509	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.34	84	221821	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.33	67	76238	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.82%
41) Toluene-d8	7.57	98	198630	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%
43) trans-1,3-Dichloropropene-	7.85	79	33081	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.96%
47) 2-Hexanone-d5	8.31	63	60208	99.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100112	49.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	74728	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

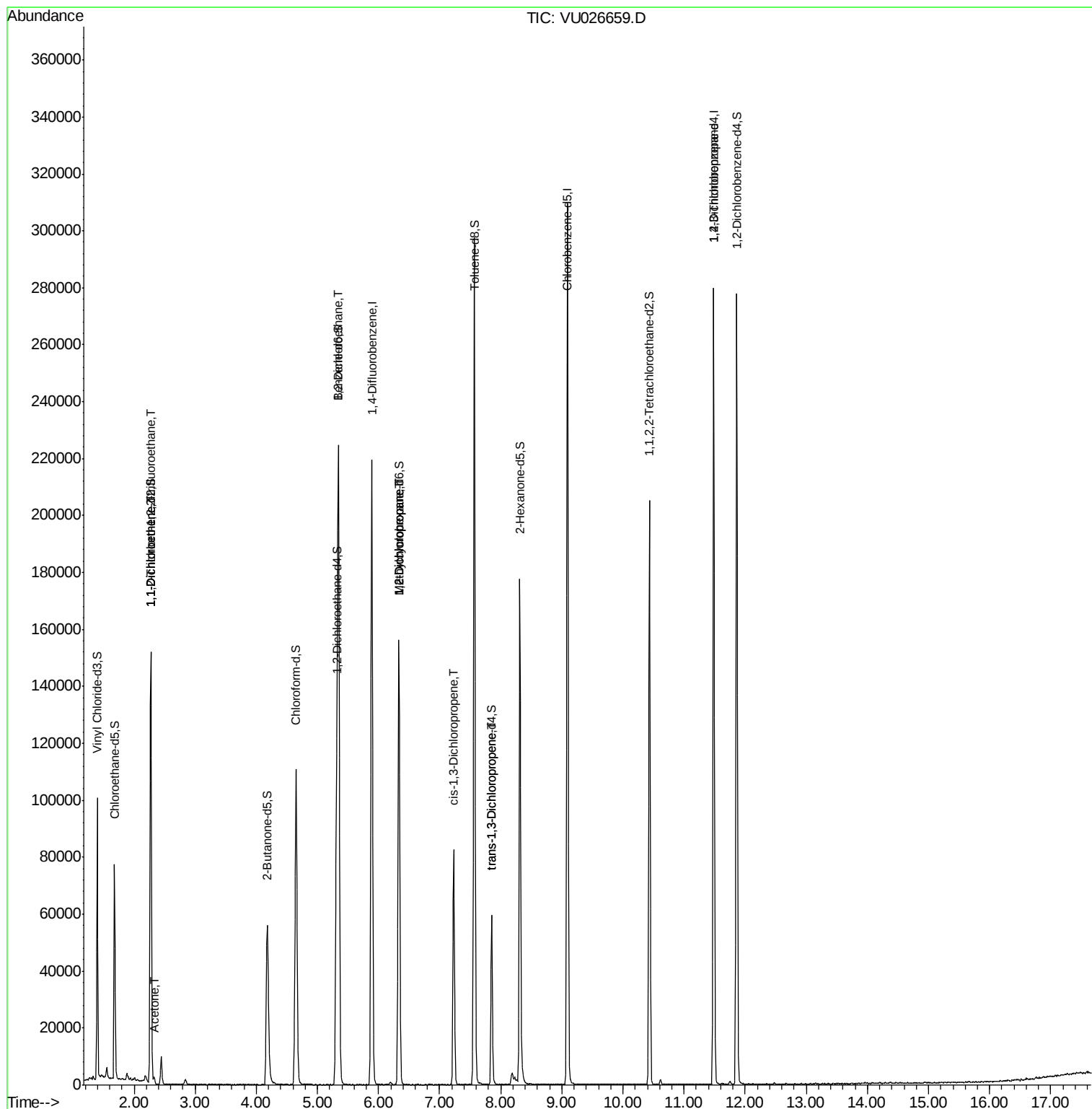
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	706	0.634 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	701	0.655 ug/L #	1
13) Acetone	2.32	43	1498	1.563 ug/L	99
27) 1,2-Dichloroethane	5.35	62	1169	0.666 ug/L #	75
35) Methylcyclohexane	6.33	83	17140	9.010 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8070	6.042 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2003	1.013 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1323	0.719 ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	8242	5.215 ug/L	92

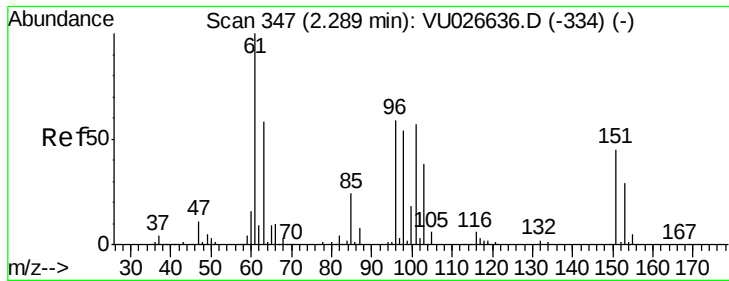
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.634 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU026659.D

Acq: 10 Sep 2018 18:28

Instrument :

MSVOA_U

ClientSampleId :

C08J3

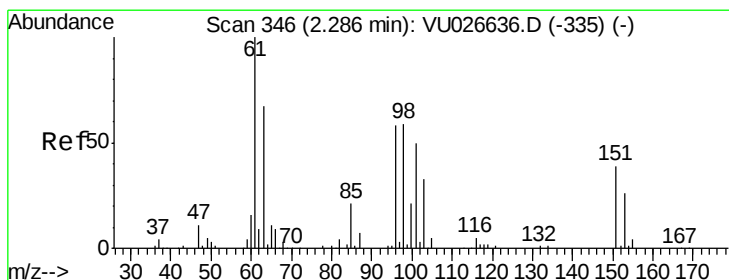
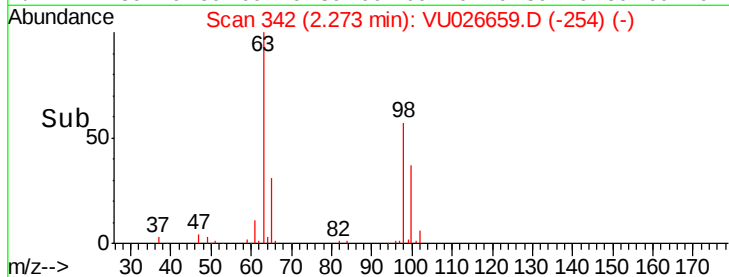
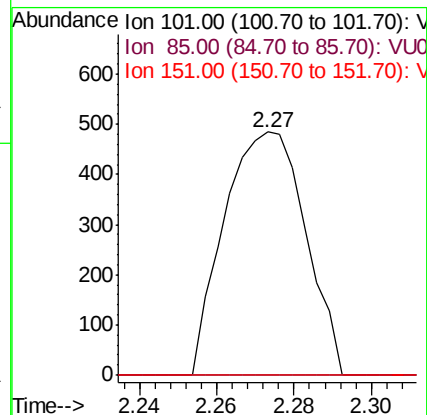
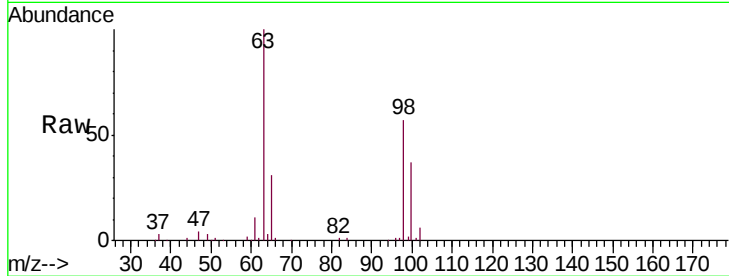
Tgt Ion:101 Resp: 706

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: 0.655 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026659.D

Acq: 10 Sep 2018 18:28

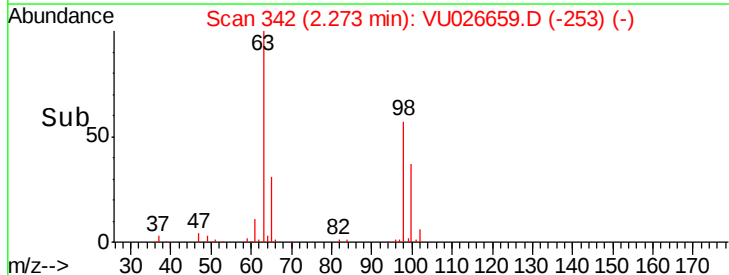
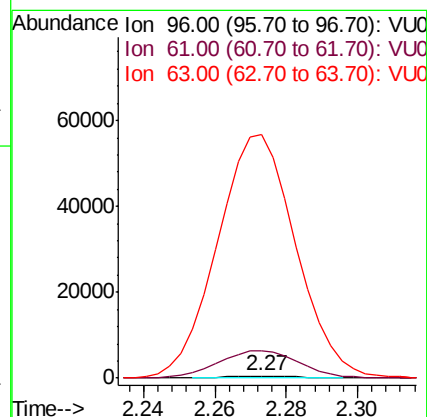
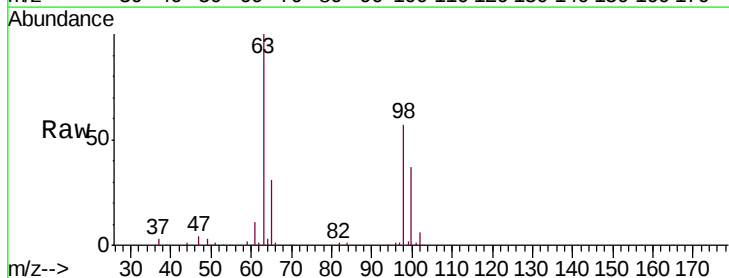
Tgt Ion: 96 Resp: 701

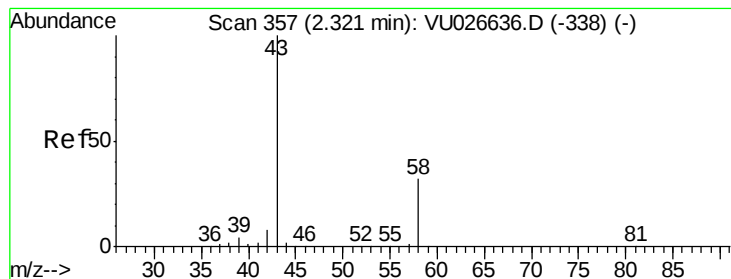
Ion Ratio Lower Upper

96 100

61 1437.5 121.0 224.8#

63 12662.5 89.9 166.9#





#13

Acetone

Concen: 1.563 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026659.D

Acq: 10 Sep 2018 18:28

Instrument :

MSVOA_U

ClientSampled :

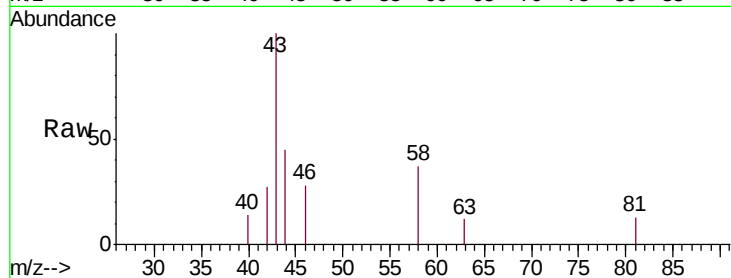
C08J3

Tgt Ion: 43 Resp: 1498

Ion Ratio Lower Upper

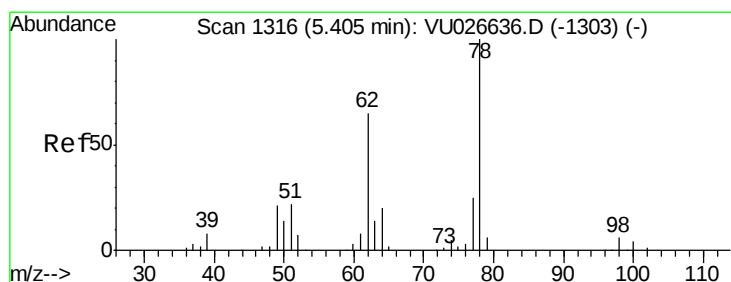
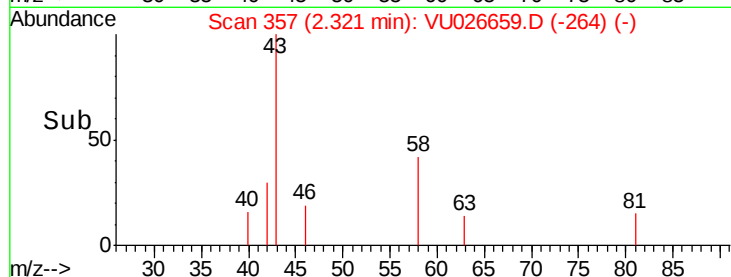
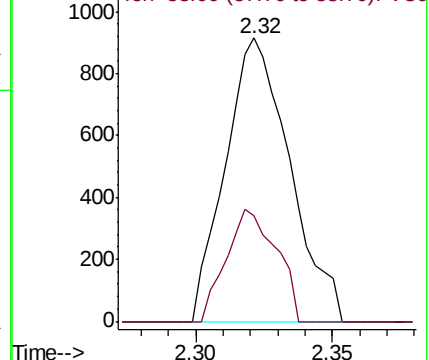
43 100

58 30.7 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

1,2-Dichloroethane

Concen: 0.666 ug/L

RT: 5.35 min Scan# 1299

Delta R.T. -0.05 min

Lab File: VU026659.D

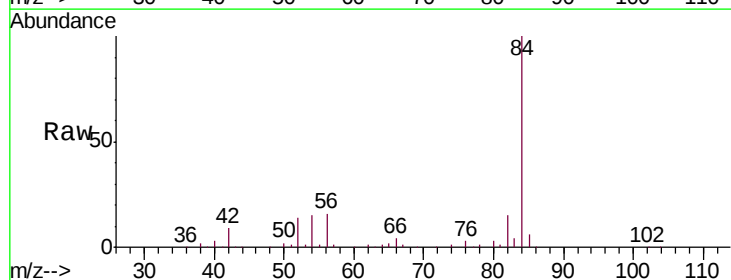
Acq: 10 Sep 2018 18:28

Tgt Ion: 62 Resp: 1169

Ion Ratio Lower Upper

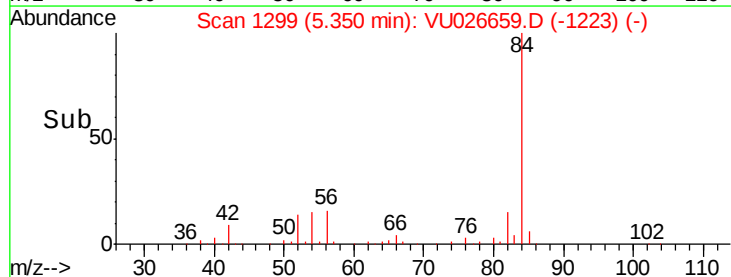
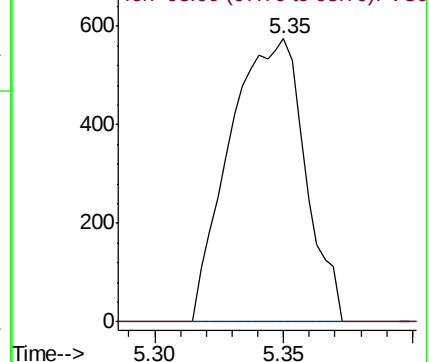
62 100

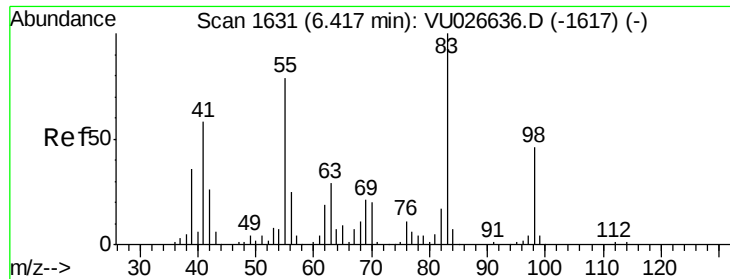
98 0.0 7.4 11.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

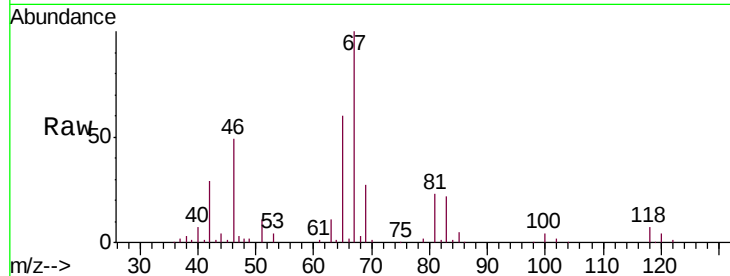




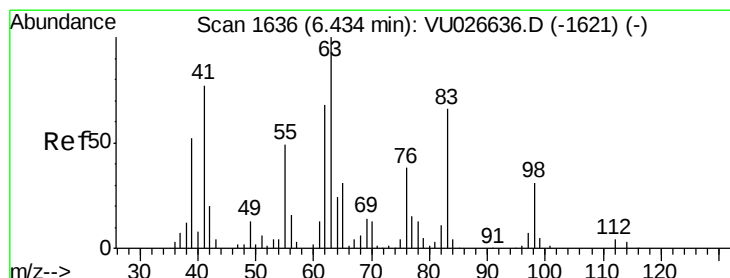
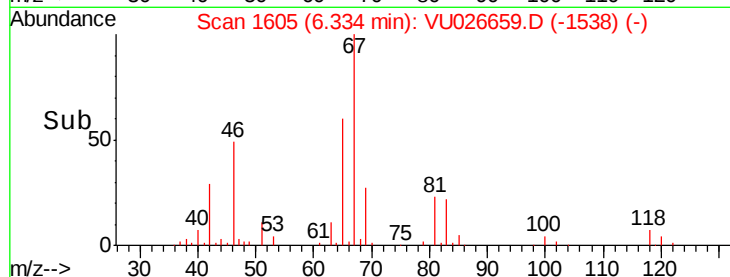
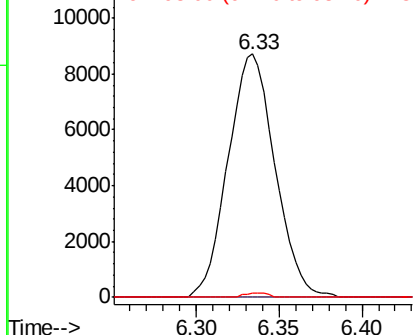
#35
Methylcyclohexane
Concen: 9.010 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026659.D
Acq: 10 Sep 2018 18:28

Instrument :
MSVOA_U
ClientSampleId :
C08J3

Tgt Ion: 83 Resp: 17140
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.9 37.0 55.4#

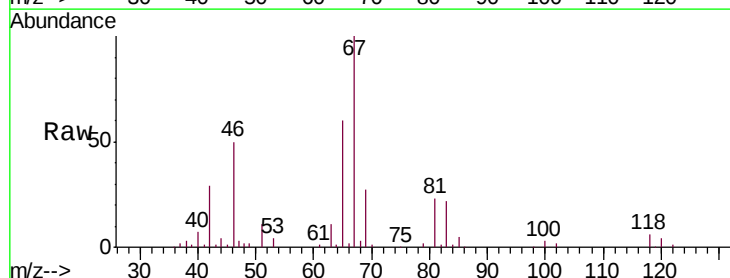


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

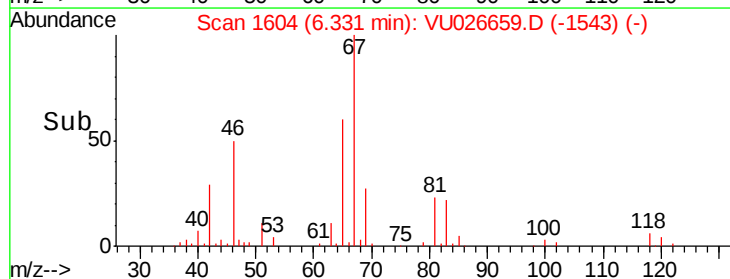
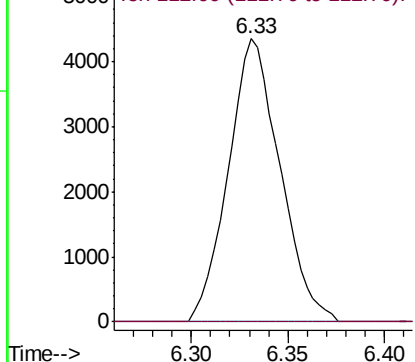


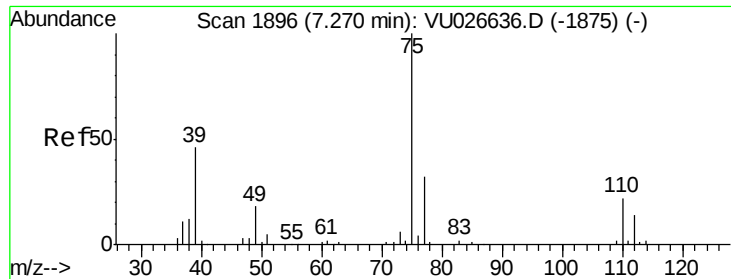
#37
1,2-Dichloropropane
Concen: 6.042 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026659.D
Acq: 10 Sep 2018 18:28

Tgt Ion: 63 Resp: 8070
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



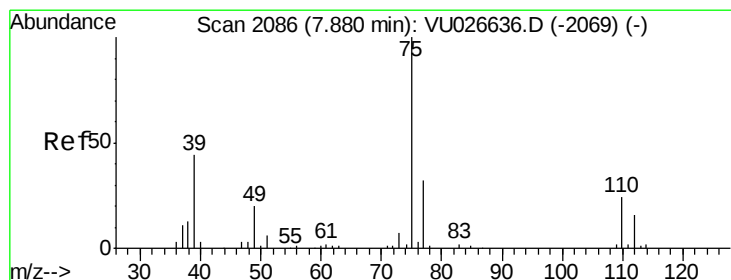
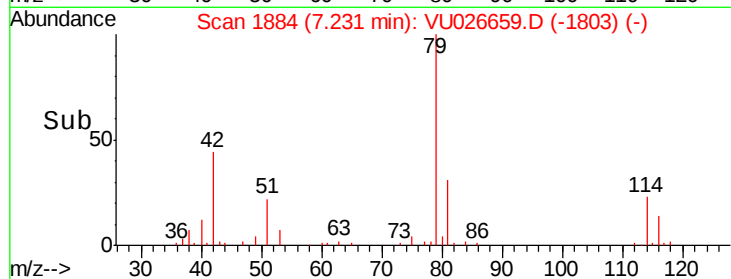
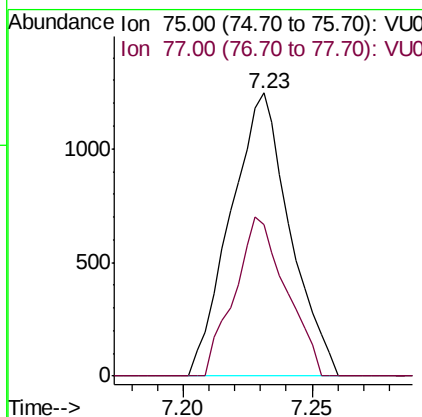
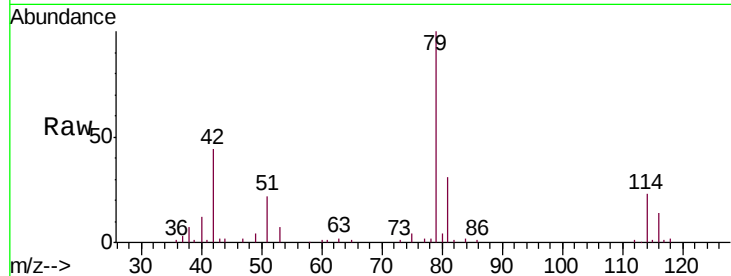


#39

cis-1,3-Dichloropropene
 Concen: 1.013 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026659.D
 Acq: 10 Sep 2018 18:28

Instrument :
 MSVOA_U
 ClientSampled :
 C08J3

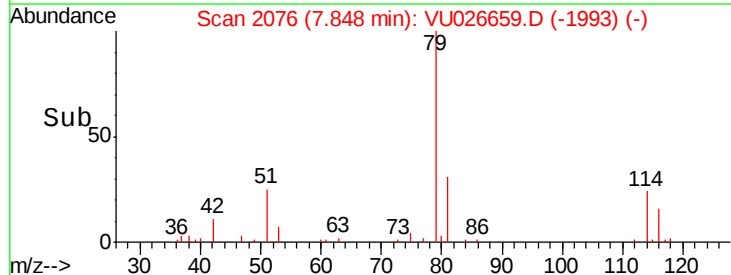
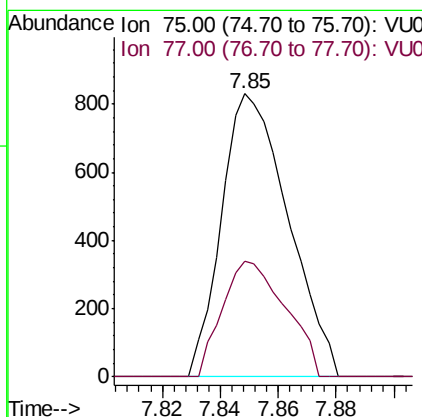
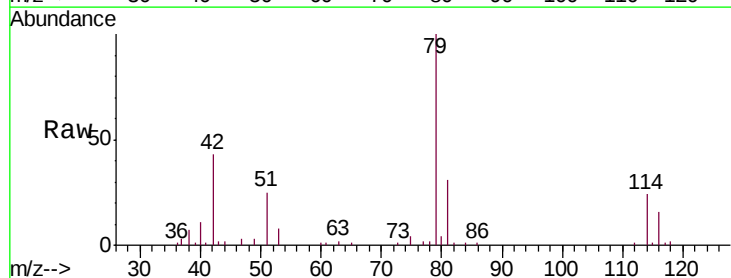
Tgt Ion: 75 Resp: 2003
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.3 41.3#

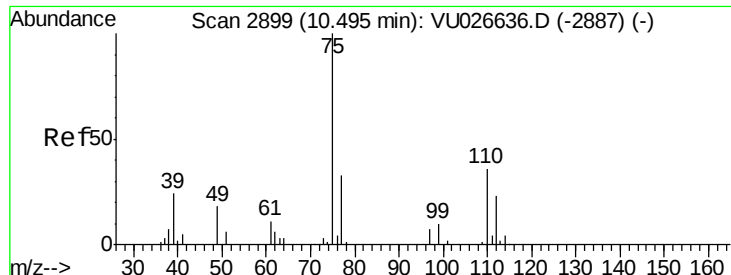


#44

trans-1,3-Dichloropropene
 Concen: 0.719 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU026659.D
 Acq: 10 Sep 2018 18:28

Tgt Ion: 75 Resp: 1323
 Ion Ratio Lower Upper
 75 100
 77 40.8 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.215 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026659.D

Acq: 10 Sep 2018 18:28

Instrument :

MSVOA_U

ClientSampleId :

C08J3

Tgt Ion: 75 Resp: 8242

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.6

