

Data File : VU026656.D
Acq On : 10 Sep 2018 17:19
Operator : MD/SY
Sample : J4837-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08J0

Quant Time: Sep 11 05:32:26 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	184664	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72956	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63876	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.84%
7) Chloroethane-d5	1.68	69	54995	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.18%
11) 1,1-Dichloroethene-d2	2.27	63	87983	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
21) 2-Butanone-d5	4.18	46	88734	103.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.62%
24) Chloroform-d	4.65	84	111982	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	5.31	65	73716	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.34	84	226055	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
36) 1,2-Dichloropropane-d6	6.33	67	77922	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.00%
41) Toluene-d8	7.57	98	200831	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.85	79	33131	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.04%
47) 2-Hexanone-d5	8.31	63	62609	103.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102733	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	76512	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%

Target Compounds

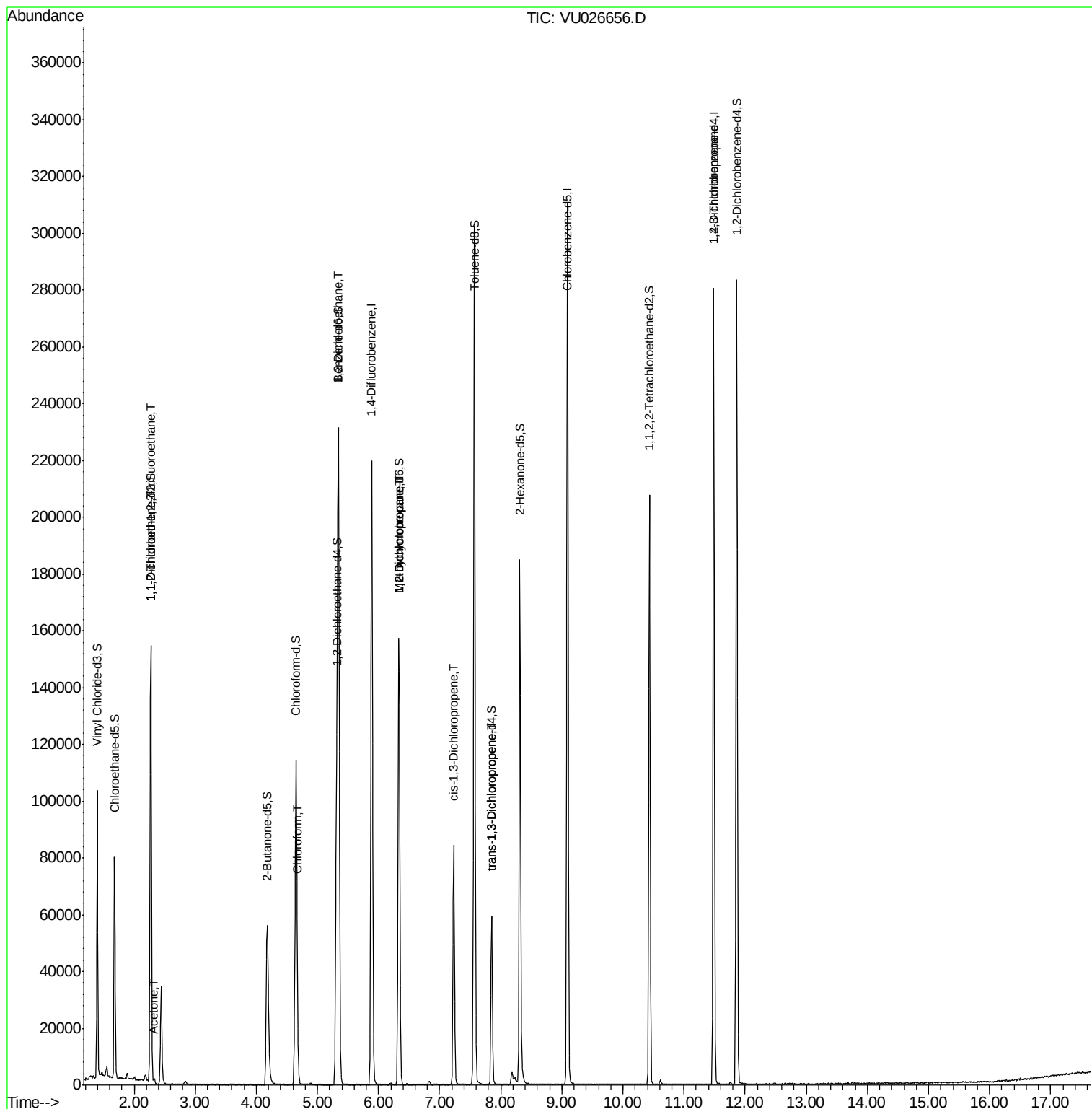
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	773	0.682	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	646	0.593	ug/L #	1
13) Acetone	2.32	43	934	0.958	ug/L	94
25) Chloroform	4.68	83	4012	1.784	ug/L	96
27) 1,2-Dichloroethane	5.34	62	1161	0.650	ug/L #	75
35) Methylcyclohexane	6.33	83	16966	8.912	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8104	6.062	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1966	0.994	ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1390	0.755	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	8105	5.124	ug/L #	83

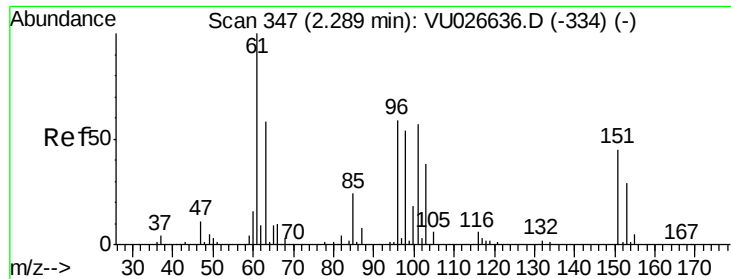
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.682 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU026656.D

Acq: 10 Sep 2018 17:19

Instrument :

MSVOA_U

ClientSampleId :

C08J0

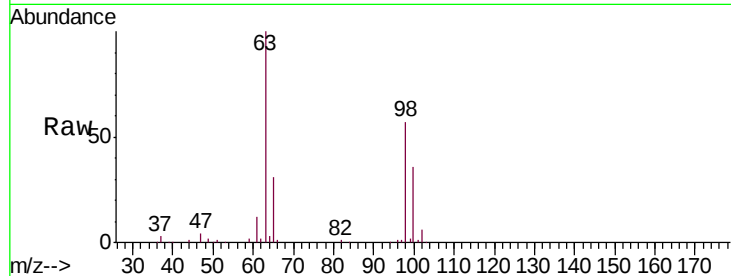
Tgt Ion: 101 Resp: 773

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

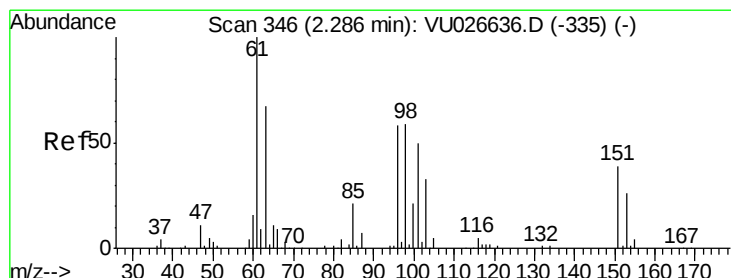
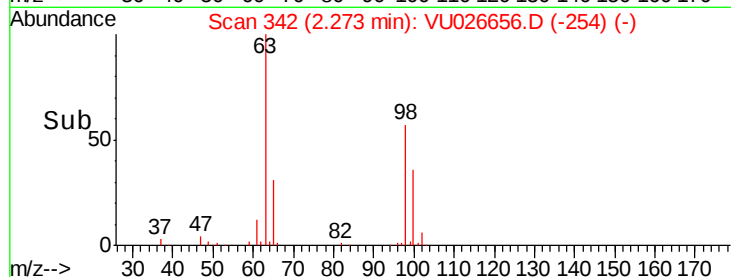
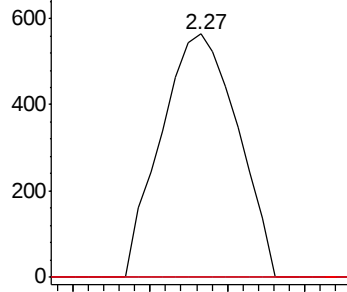
151 0.0 62.6 94.0#



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: 0.593 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026656.D

Acq: 10 Sep 2018 17:19

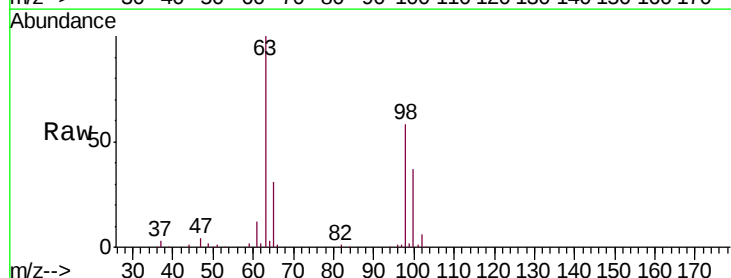
Tgt Ion: 96 Resp: 646

Ion Ratio Lower Upper

96 100

61 1327.8 121.0 224.8#

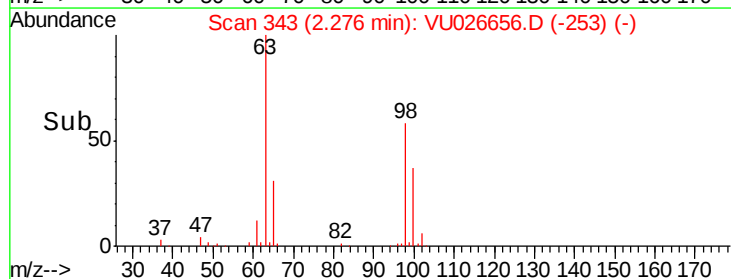
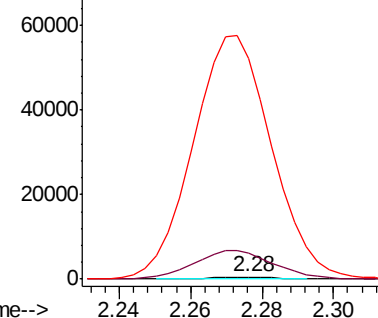
63 11320.0 89.9 166.9#

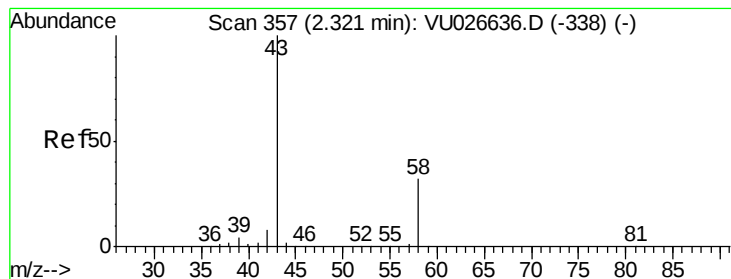


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.958 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026656.D

Acq: 10 Sep 2018 17:19

Instrument :

MSVOA_U

ClientSampled :

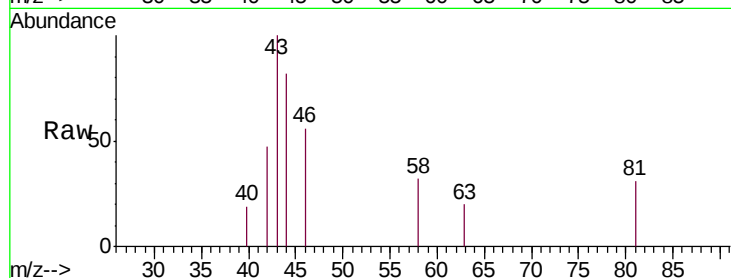
C08J0

Tgt Ion: 43 Resp: 934

Ion Ratio Lower Upper

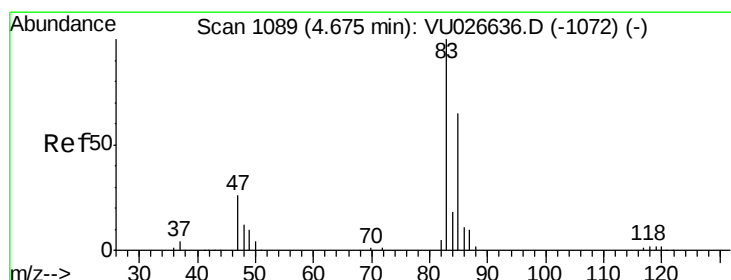
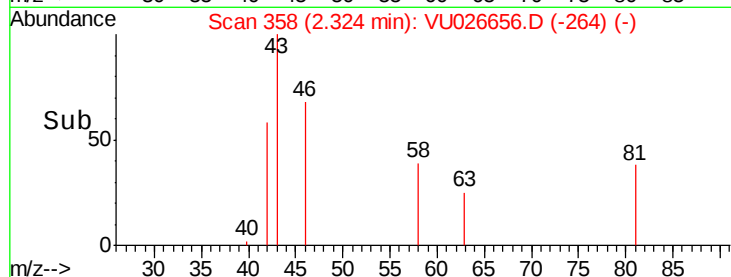
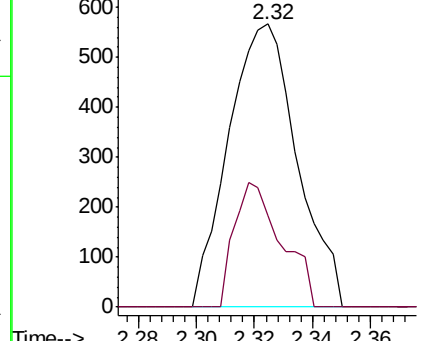
43 100

58 27.9 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: 1.784 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU026656.D

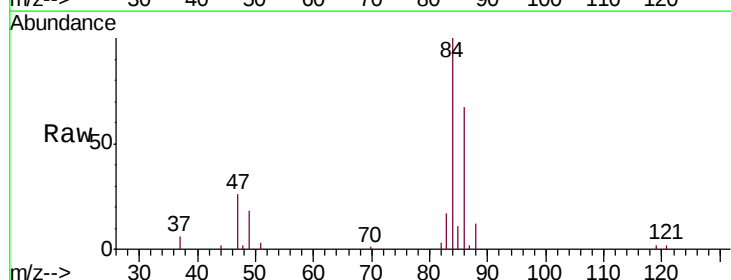
Acq: 10 Sep 2018 17:19

Tgt Ion: 83 Resp: 4012

Ion Ratio Lower Upper

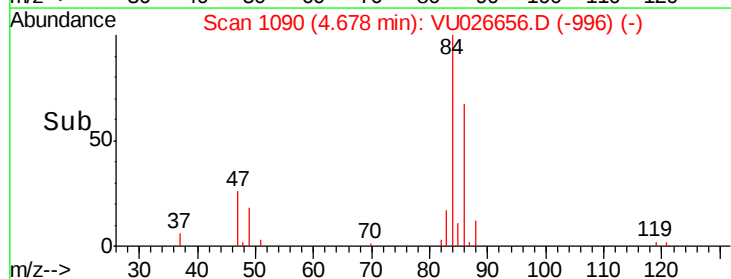
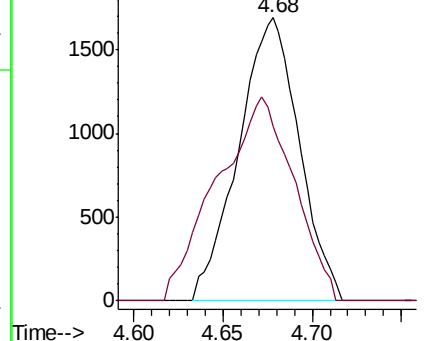
83 100

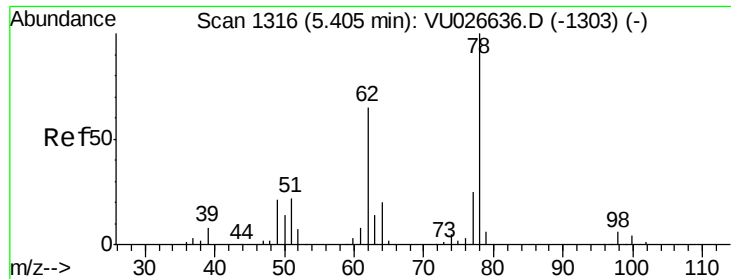
85 61.9 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

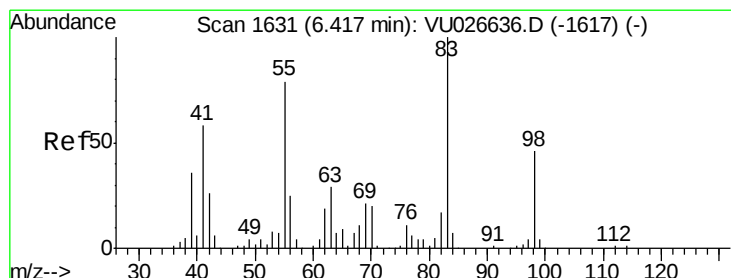
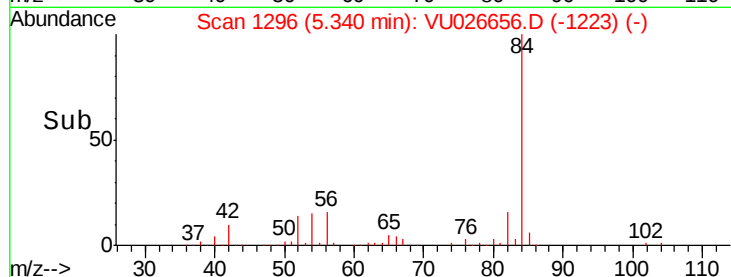
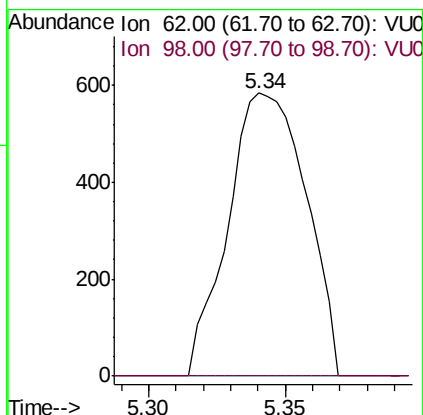
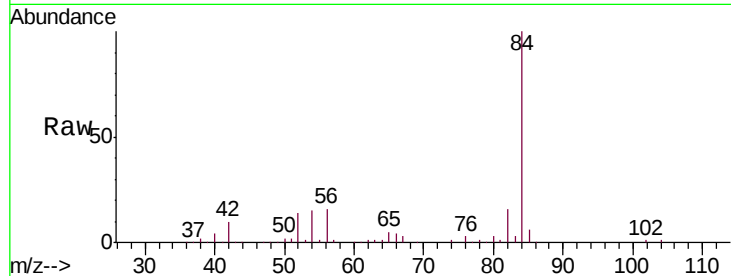




#27
 1,2-Dichloroethane
 Concen: 0.650 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: VU026656.D
 Acq: 10 Sep 2018 17:19

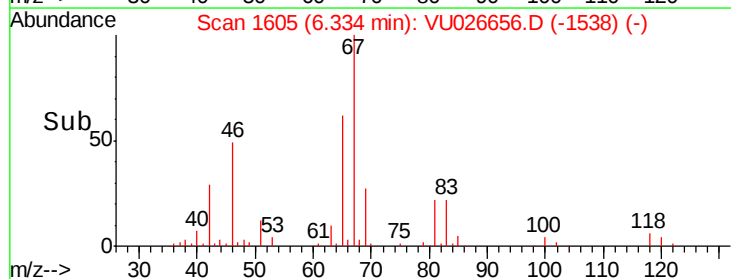
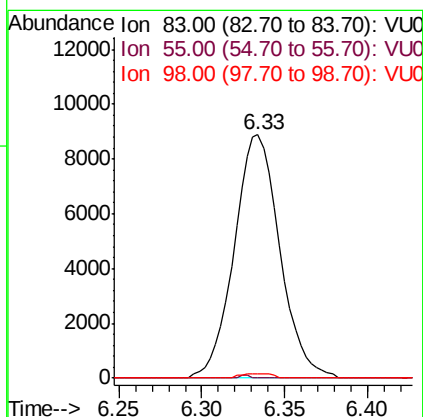
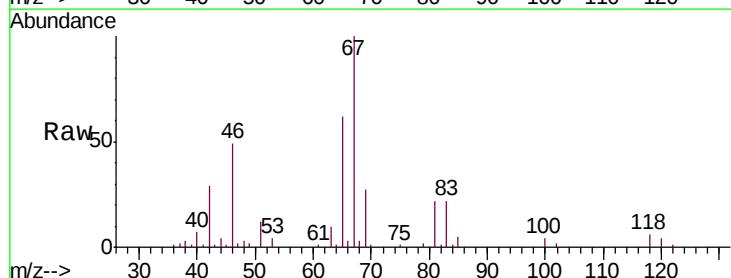
Instrument :
 MSVOA_U
 ClientSampleId :
 C08J0

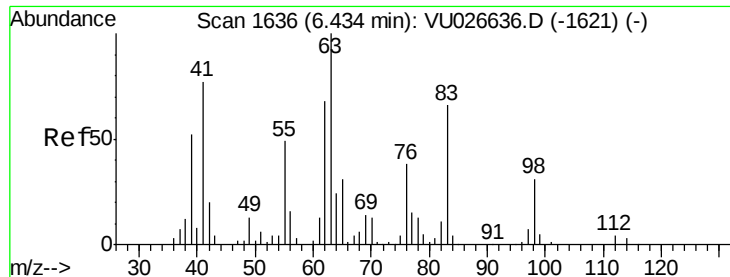
Tgt Ion: 62 Resp: 1161
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.0#



#35
 Methylcyclohexane
 Concen: 8.912 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU026656.D
 Acq: 10 Sep 2018 17:19

Tgt Ion: 83 Resp: 16966
 Ion Ratio Lower Upper
 83 100
 55 0.2 62.9 94.3#
 98 1.3 37.0 55.4#

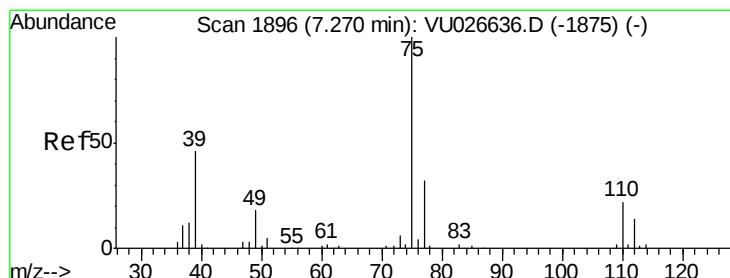
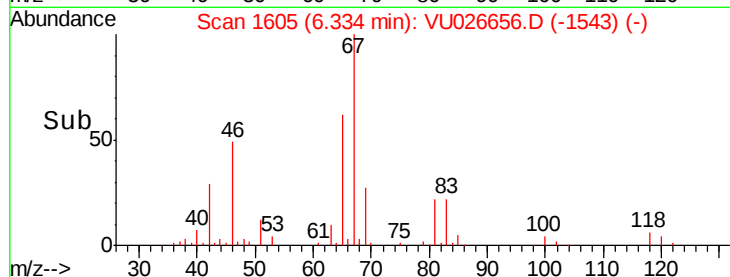
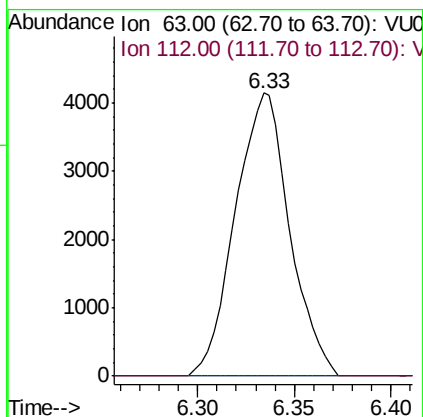
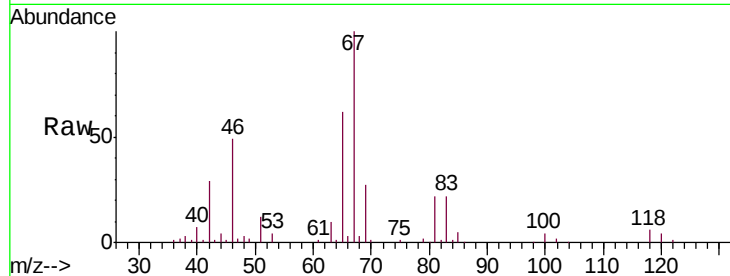




#37
 1,2-Dichloropropane
 Concen: 6.062 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026656.D
 Acq: 10 Sep 2018 17:19

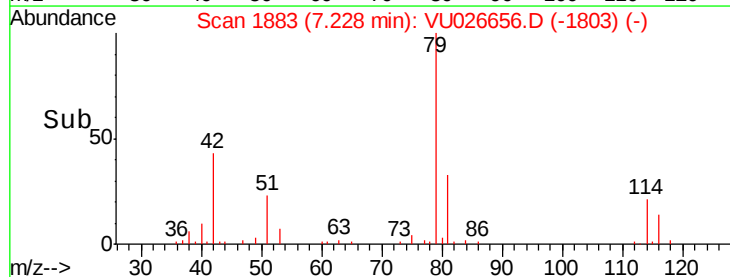
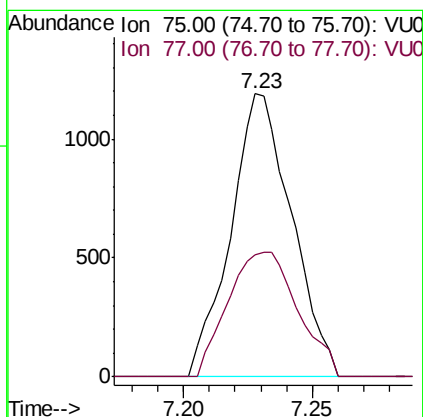
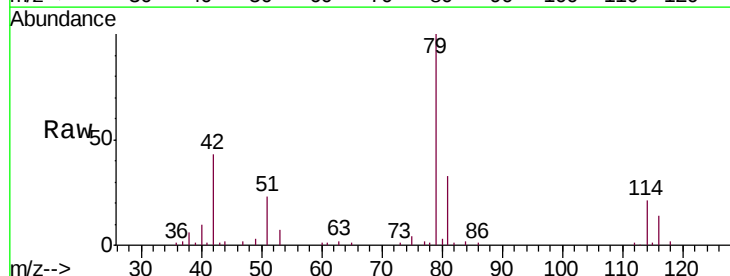
Instrument :
 MSVOA_U
 ClientSampleId :
 C08J0

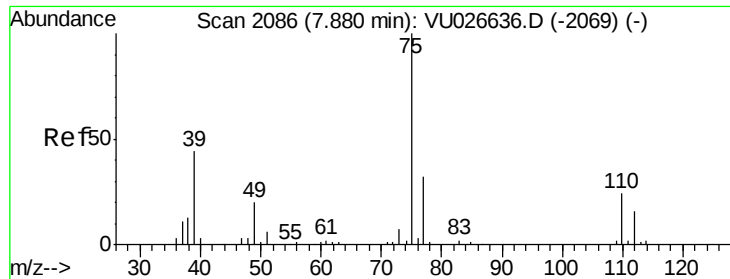
Tgt Ion: 63 Resp: 8104
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.994 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026656.D
 Acq: 10 Sep 2018 17:19

Tgt Ion: 75 Resp: 1966
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.755 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026656.D

Acq: 10 Sep 2018 17:19

Instrument :

MSVOA_U

ClientSampleId :

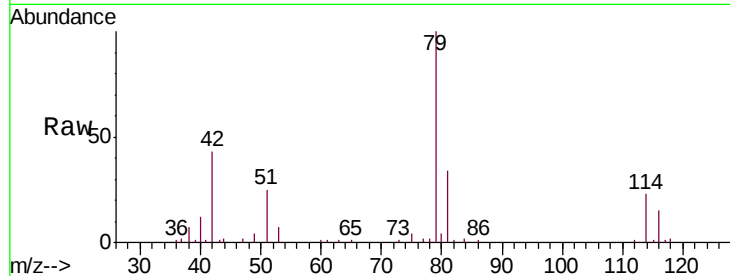
C08J0

Tgt Ion: 75 Resp: 1390

Ion Ratio Lower Upper

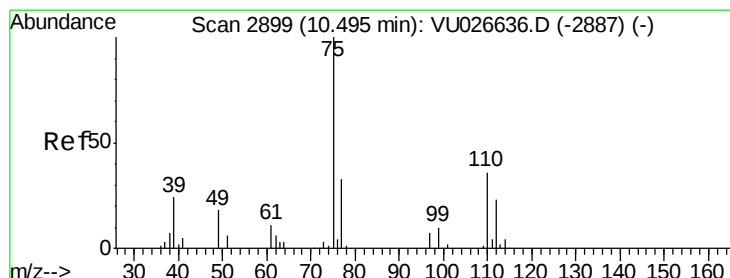
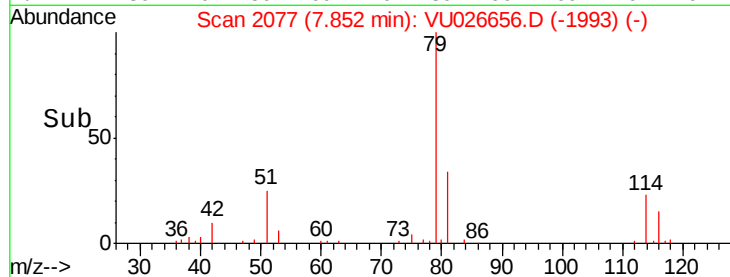
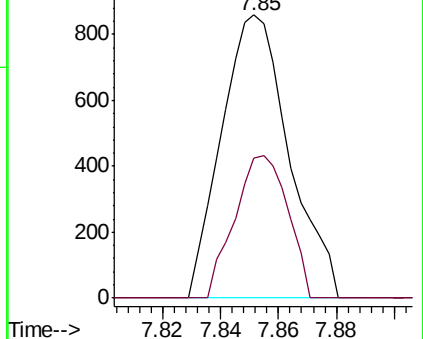
75 100

77 49.4 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.124 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026656.D

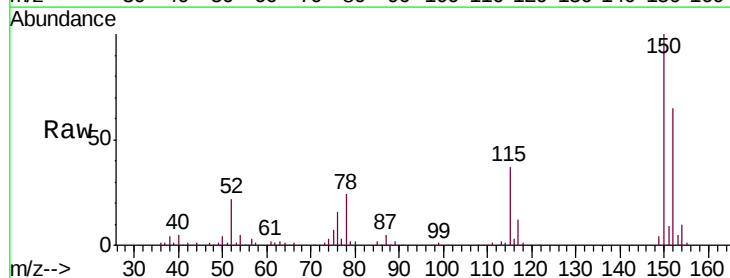
Acq: 10 Sep 2018 17:19

Tgt Ion: 75 Resp: 8105

Ion Ratio Lower Upper

75 100

77 41.9 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

