

Data File : VU026658.D
Acq On : 10 Sep 2018 18:05
Operator : MD/SY
Sample : J4837-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08J2

Quant Time: Sep 11 05:32:45 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	180726	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	169532	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71849	50.00	ug/L	0.00

System Monitoring Compounds

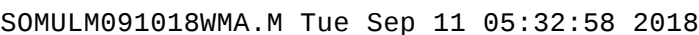
4) Vinyl Chloride-d3	1.40	65	62269	46.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.46%
7) Chloroethane-d5	1.68	69	54405	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.26%
11) 1,1-Dichloroethene-d2	2.27	63	86232	35.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.56%
21) 2-Butanone-d5	4.18	46	88308	105.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.37%
24) Chloroform-d	4.65	84	108316	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.31	65	74285	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
32) Benzene-d6	5.34	84	222654	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
36) 1,2-Dichloropropane-d6	6.33	67	76122	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.40%
41) Toluene-d8	7.57	98	198377	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%
43) trans-1,3-Dichloropropene-	7.85	79	33130	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
47) 2-Hexanone-d5	8.31	63	61901	103.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100519	49.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	76439	53.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.74%

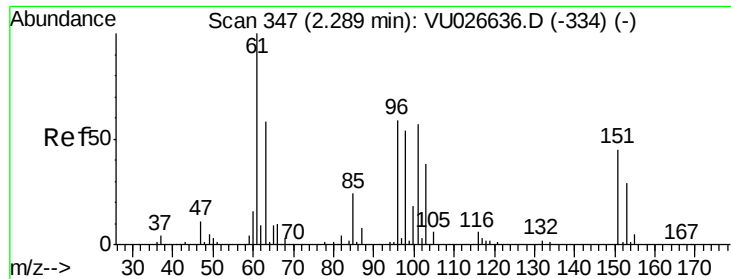
Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	631	0.569 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	645	0.605 ug/L #	1
13) Acetone	2.32	43	1504	1.576 ug/L	80
25) Chloroform	4.67	83	1271	0.577 ug/L	90
35) Methylcyclohexane	6.33	83	16987	8.993 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7828	5.902 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1926	0.981 ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	1301	0.713 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	8203	5.227 ug/L	89

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration





#10

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

Concen: 0.569 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026658.D

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C08J2

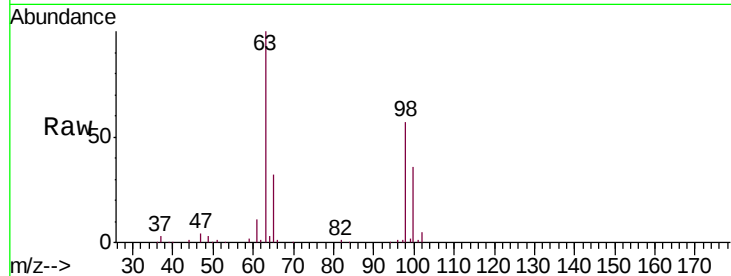
Tgt Ion: 101 Resp: 631

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

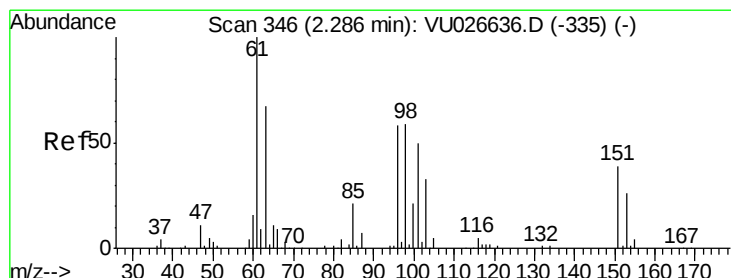
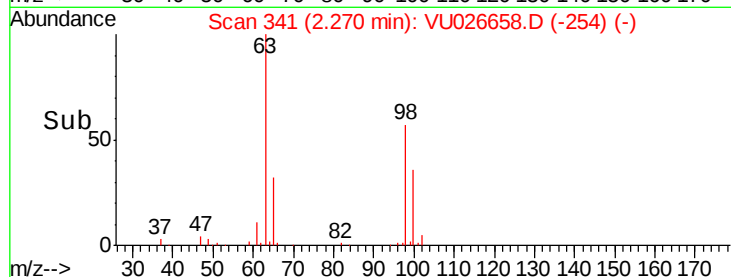
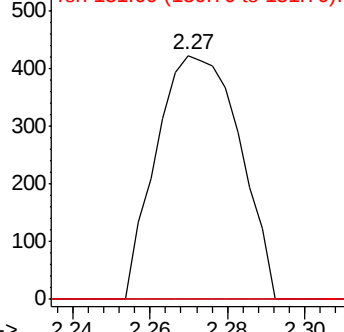
151 0.0 62.6 94.0#



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: 0.605 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026658.D

Acq: 10 Sep 2018 18:05

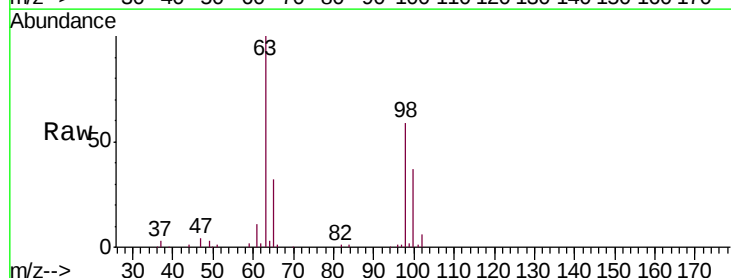
Tgt Ion: 96 Resp: 645

Ion Ratio Lower Upper

96 100

61 1299.1 121.0 224.8#

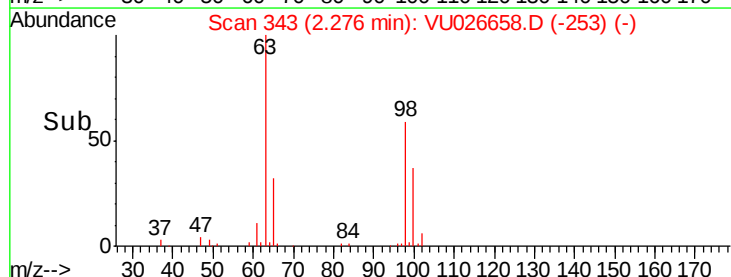
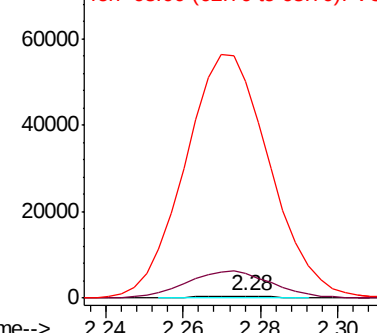
63 11430.9 89.9 166.9#

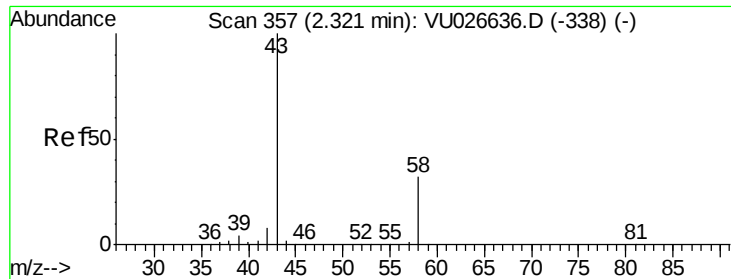


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.576 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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ClientSampleId :

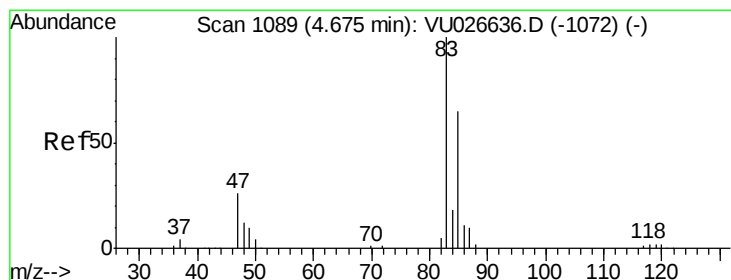
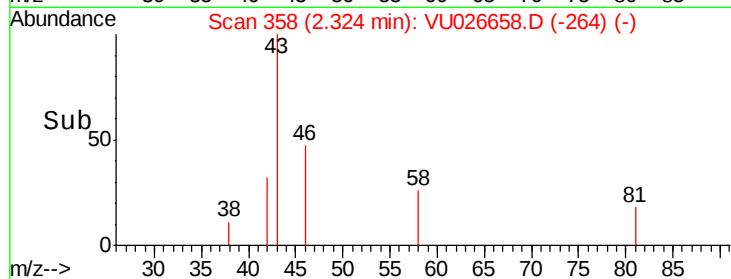
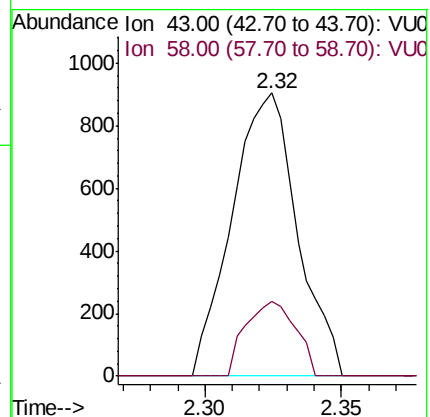
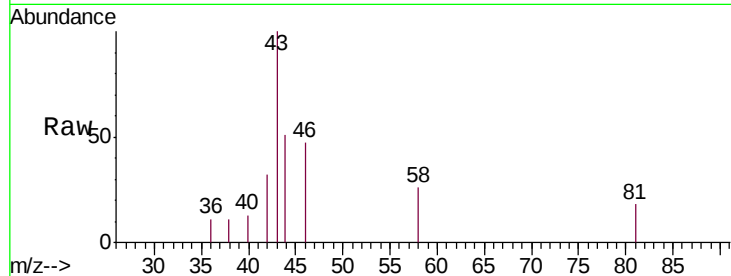
C08J2

Tgt Ion: 43 Resp: 1504

Ion Ratio Lower Upper

43 100

58 20.3 0.0 62.8



#25

Chloroform

Concen: 0.577 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VU026658.D

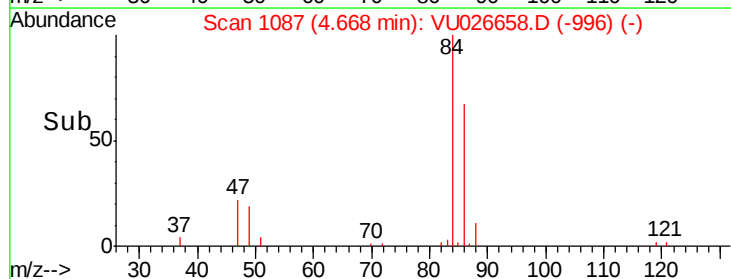
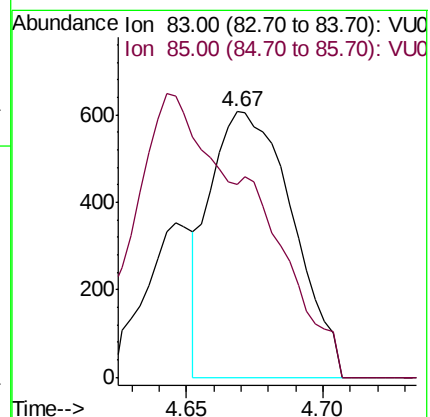
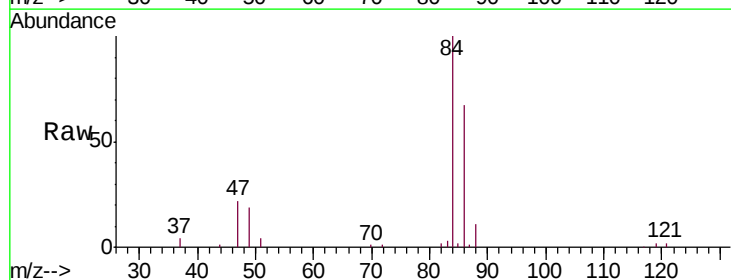
Acq: 10 Sep 2018 18:05

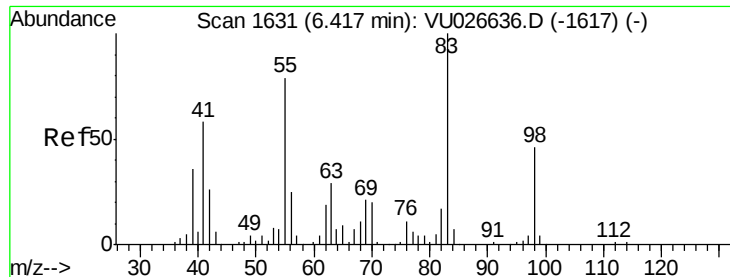
Tgt Ion: 83 Resp: 1271

Ion Ratio Lower Upper

83 100

85 72.7 45.6 84.6

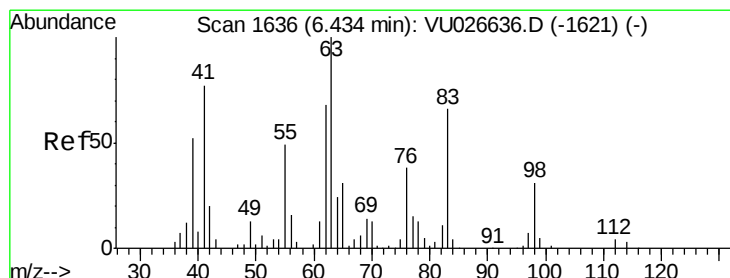
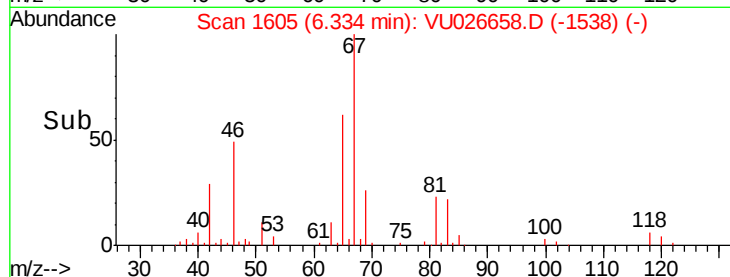
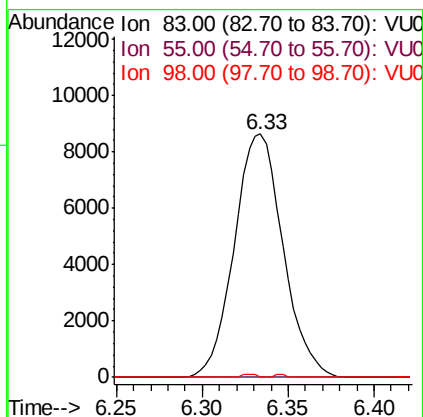
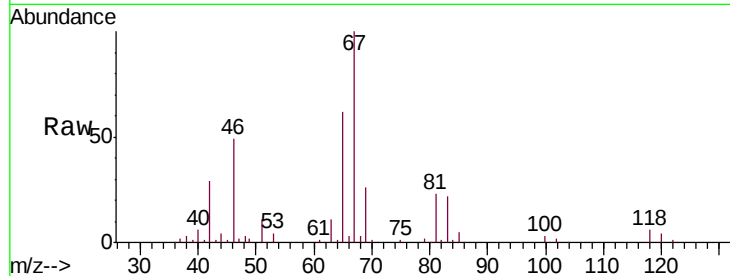




#35
Methylcyclohexane
Concen: 8.993 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026658.D
Acq: 10 Sep 2018 18:05

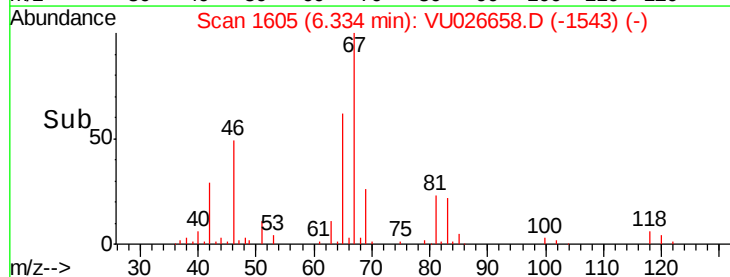
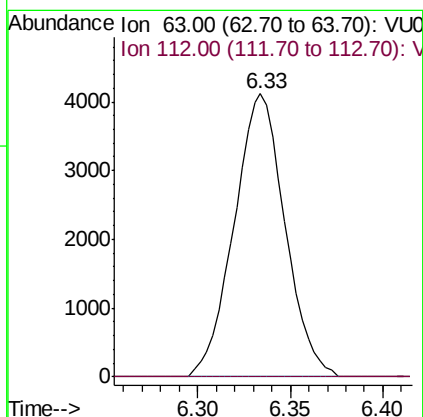
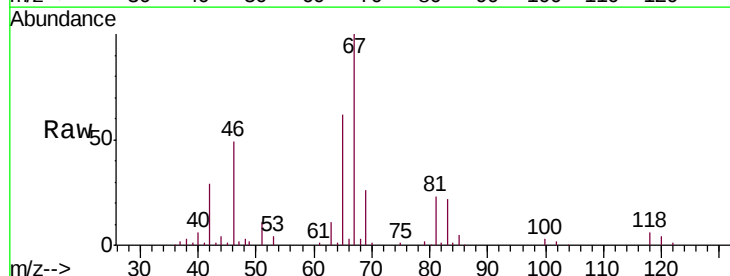
Instrument :
MSVOA_U
ClientSampleId :
C08J2

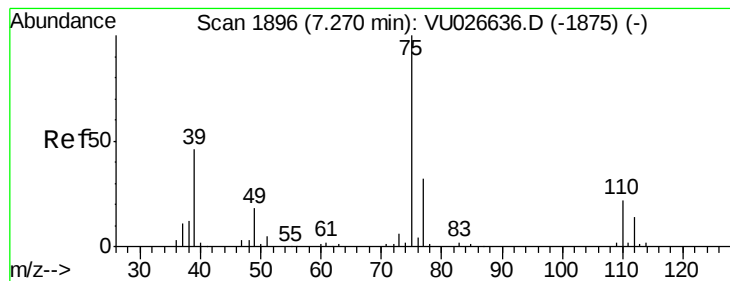
Tgt Ion: 83 Resp: 16987
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.4 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 5.902 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026658.D
Acq: 10 Sep 2018 18:05

Tgt Ion: 63 Resp: 7828
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



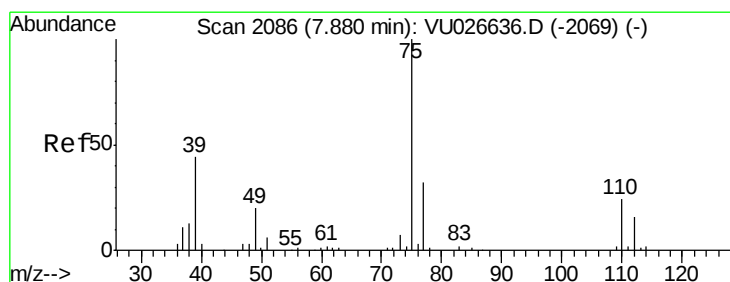
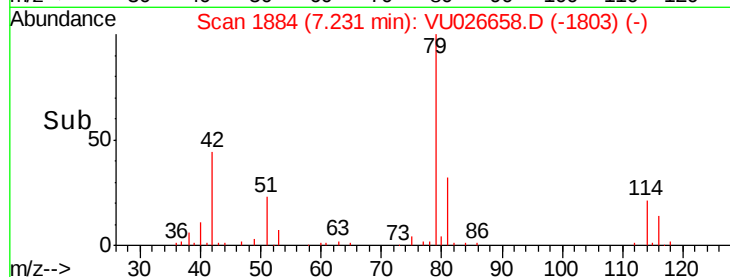
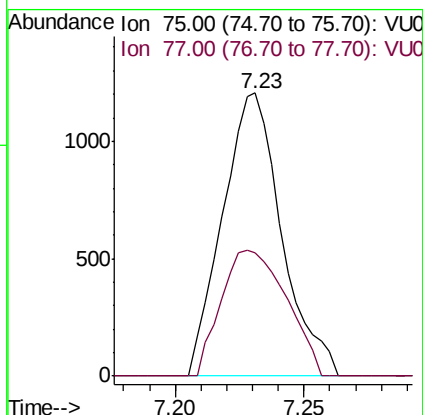
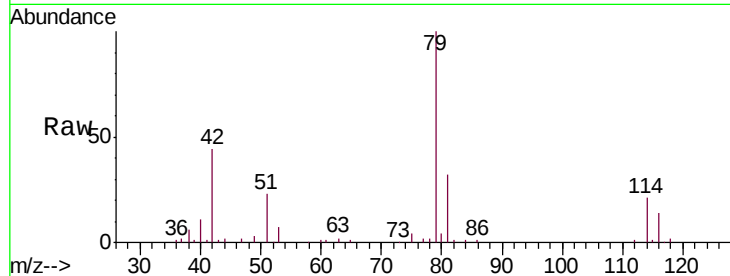


#39

cis-1,3-Dichloropropene
 Concen: 0.981 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026658.D
 Acq: 10 Sep 2018 18:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C08J2

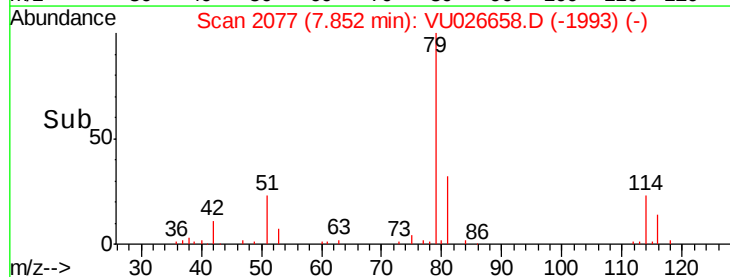
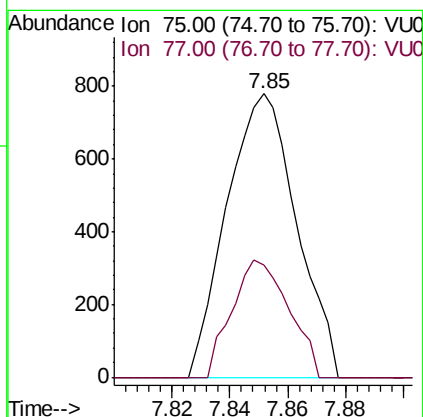
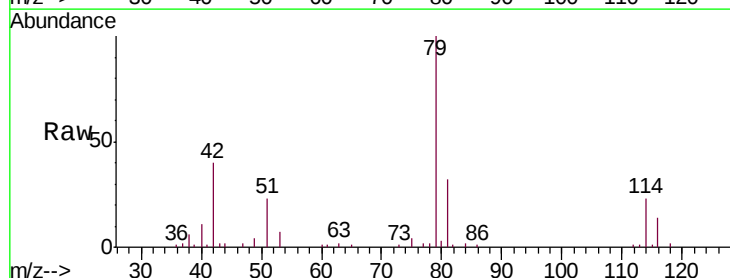
Tgt Ion: 75 Resp: 1926
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.3 41.3#

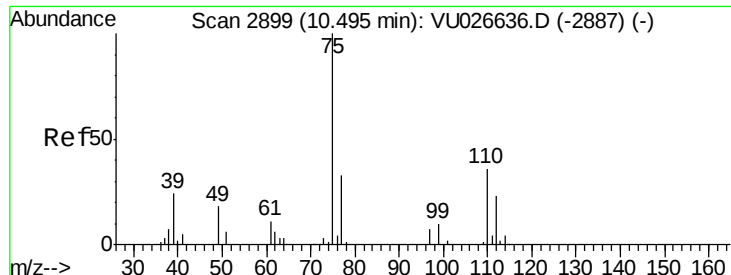


#44

trans-1,3-Dichloropropene
 Concen: 0.713 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026658.D
 Acq: 10 Sep 2018 18:05

Tgt Ion: 75 Resp: 1301
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.227 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026658.D

Acq: 10 Sep 2018 18:05

Instrument :

MSVOA_U

ClientSampleId :

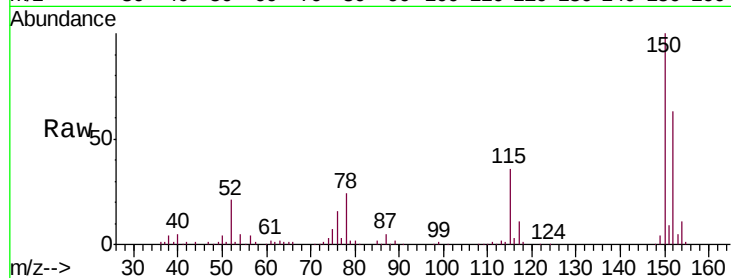
C08J2

Tgt Ion: 75 Resp: 8203

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

