

Data File : VU026838.D
Acq On : 17 Sep 2018 22:04
Operator : MD/SY
Sample : J4893-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08R8

Quant Time: Sep 18 01:39:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	238917	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91561	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82101	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.68	69	73215	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	119379	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.40%
21) 2-Butanone-d5	4.18	46	125120	106.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.68%
24) Chloroform-d	4.65	84	158093	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	5.31	65	102973	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.34	84	321127	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.76%
36) 1,2-Dichloropropane-d6	6.33	67	105242	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.48%
41) Toluene-d8	7.57	98	271302	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
43) trans-1,3-Dichloropropene-	7.85	79	42510	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
47) 2-Hexanone-d5	8.31	63	87120	107.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139108	48.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	104899	55.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.14%

Target Compounds

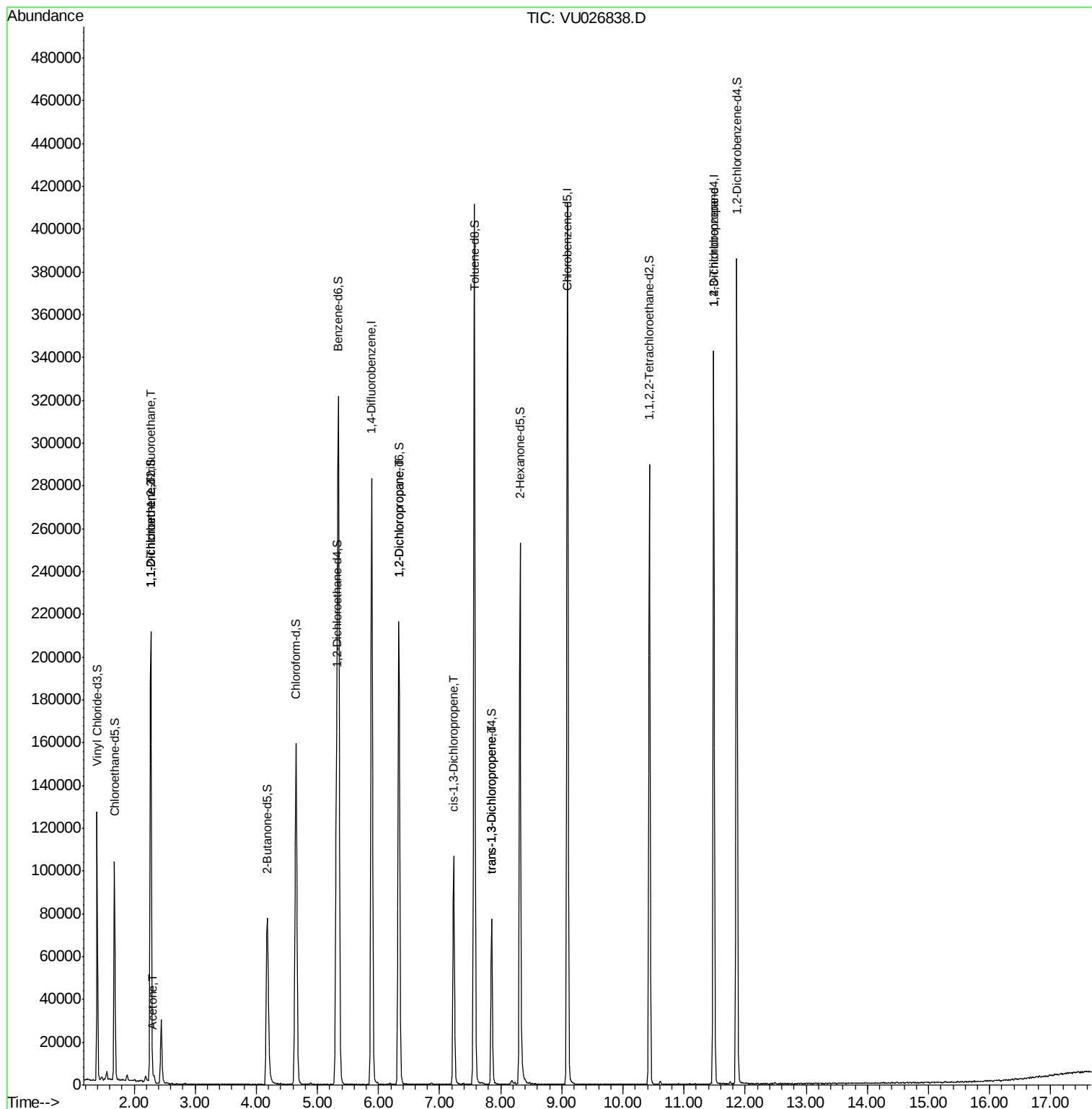
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	970	0.588	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	881	0.569	ug/L #	1
13) Acetone	2.32	43	2151	1.866	ug/L	93
37) 1,2-Dichloropropane	6.33	63	10936	5.645	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2434	0.890	ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1761	0.687	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	10745	4.631	ug/L	93

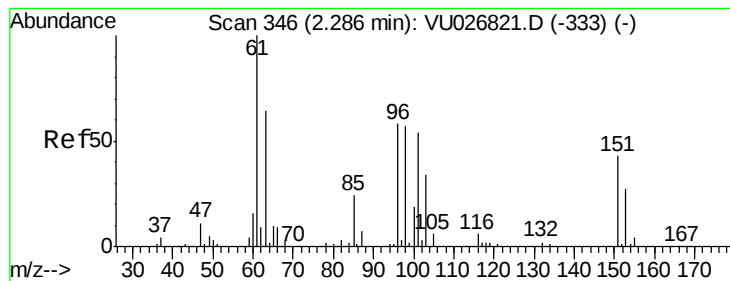
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026838.D
Acq On : 17 Sep 2018 22:04
Operator : MD/SY
Sample : J4893-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08R8

Quant Time: Sep 18 01:39:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration





#10

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

Concen: 0.588 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026838.D

Acq: 17 Sep 2018 22:04

Instrument :

MSVOA_U

ClientSampled :

C08R8

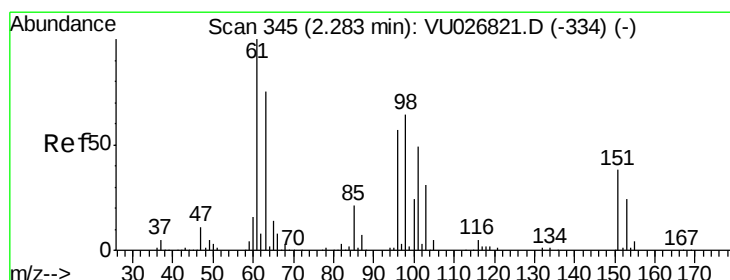
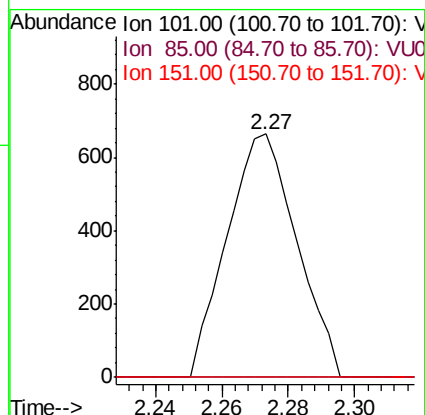
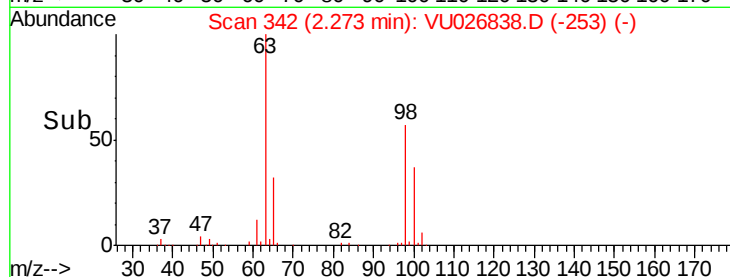
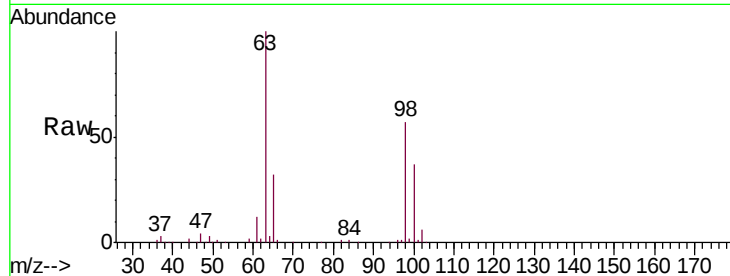
Tgt Ion:101 Resp: 970

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.569 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026838.D

Acq: 17 Sep 2018 22:04

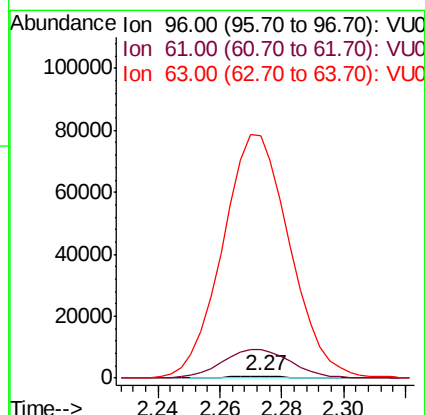
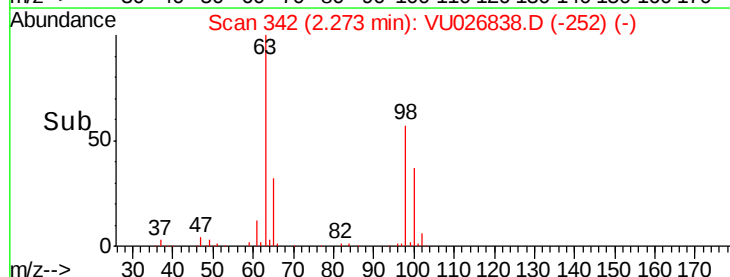
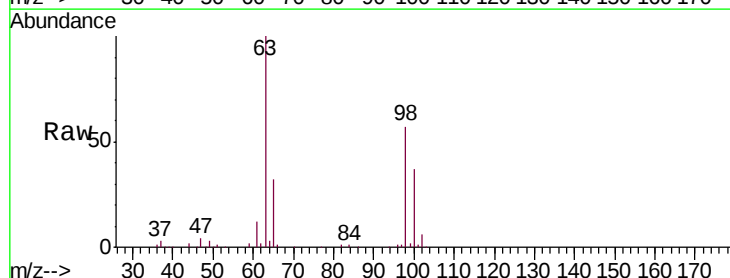
Tgt Ion: 96 Resp: 881

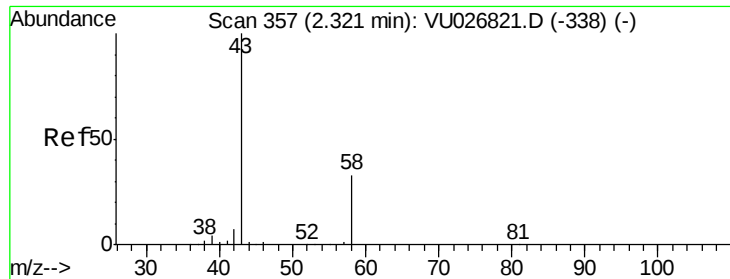
Ion Ratio Lower Upper

96 100

61 1637.8 124.0 230.4#

63 13756.1 97.7 181.5#





#13

Acetone

Concen: 1.866 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU026838.D

Acq: 17 Sep 2018 22:04

Instrument :

MSVOA_U

ClientSampleId :

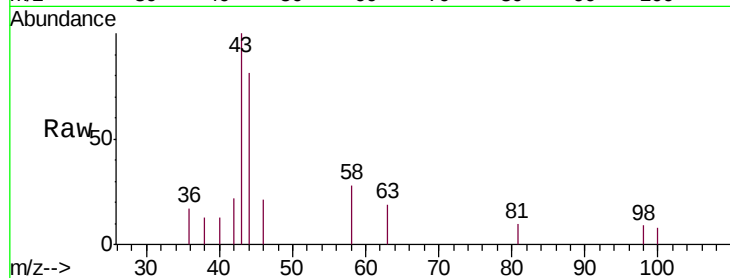
C08R8

Tgt Ion: 43 Resp: 2151

Ion Ratio Lower Upper

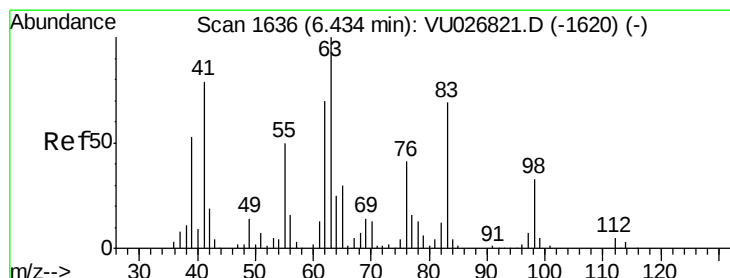
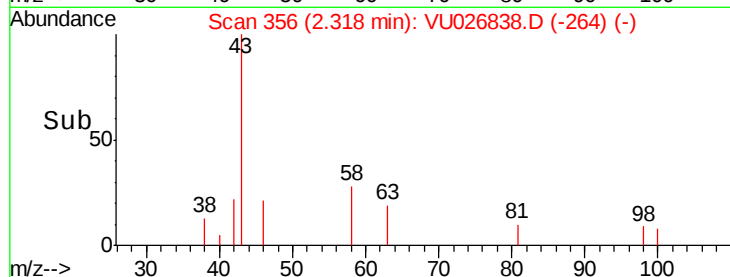
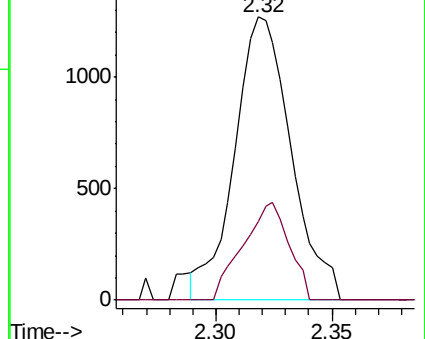
43 100

58 28.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.645 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026838.D

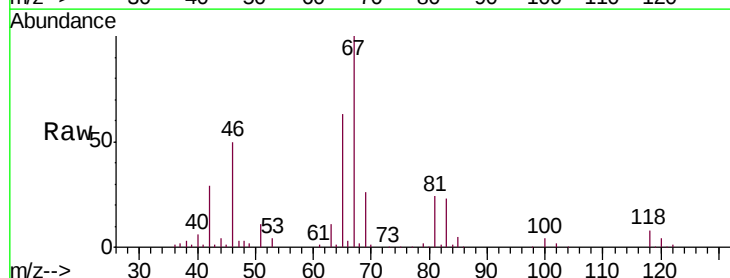
Acq: 17 Sep 2018 22:04

Tgt Ion: 63 Resp: 10936

Ion Ratio Lower Upper

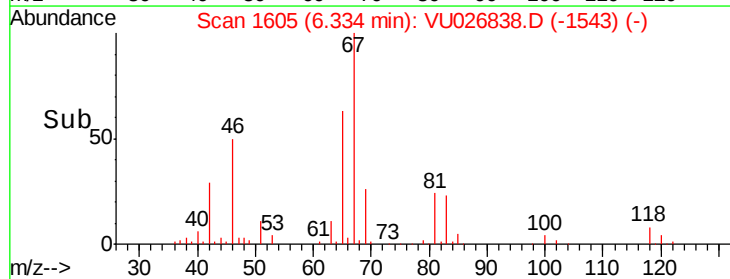
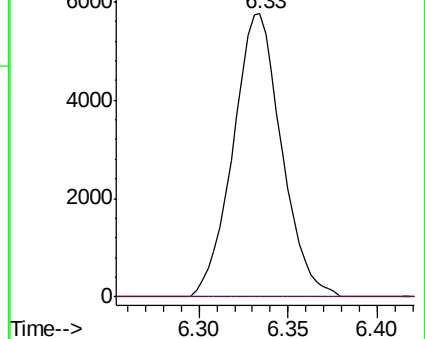
63 100

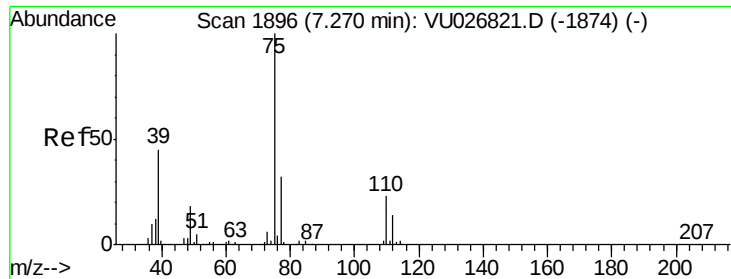
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

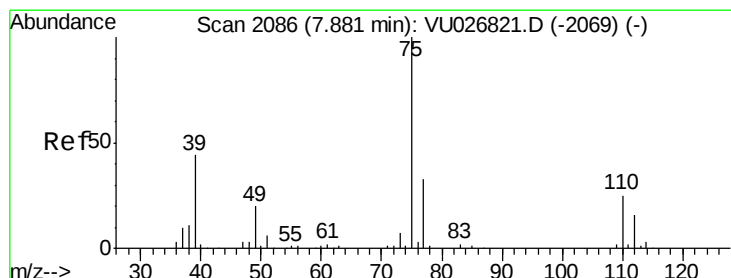
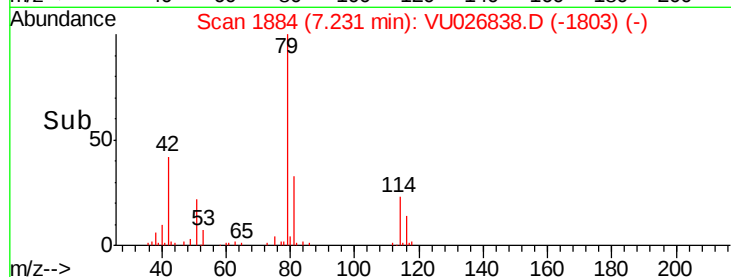
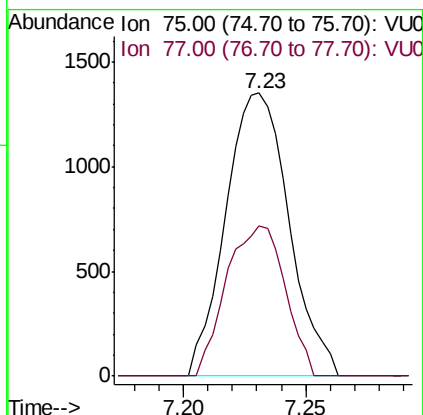
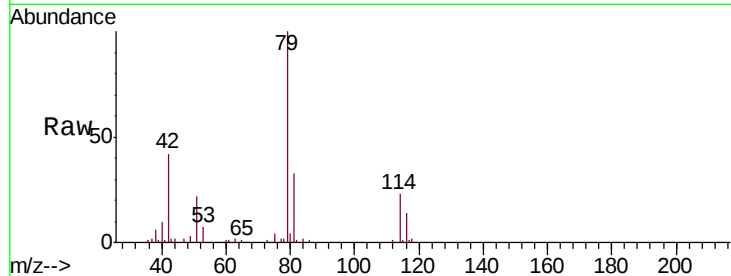




#39
 cis-1,3-Dichloropropene
 Concen: 0.890 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026838.D
 Acq: 17 Sep 2018 22:04

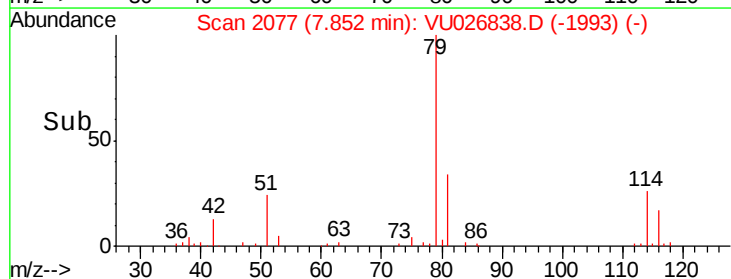
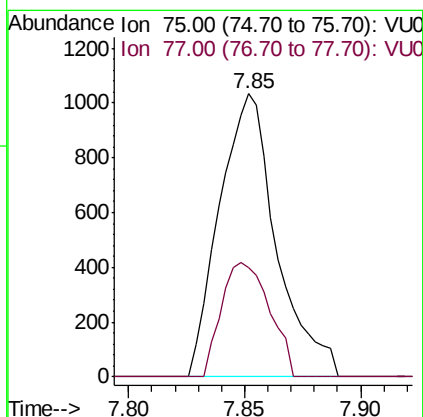
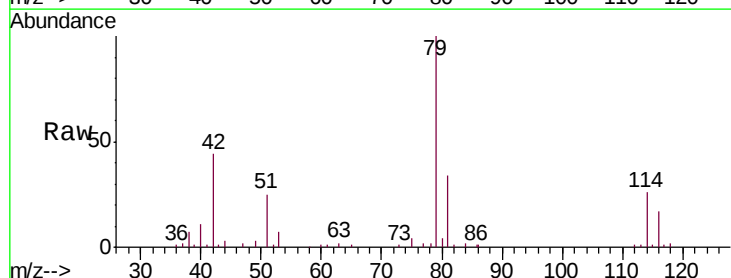
Instrument :
 MSVOA_U
 ClientSampled :
 C08R8

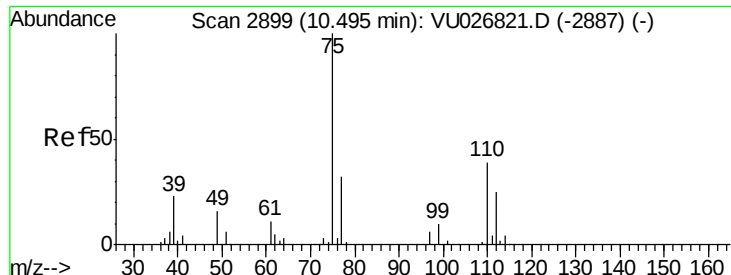
Tgt Ion: 75 Resp: 2434
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.687 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026838.D
 Acq: 17 Sep 2018 22:04

Tgt Ion: 75 Resp: 1761
 Ion Ratio Lower Upper
 75 100
 77 38.7 22.8 42.4





#59

1,2,3-Trichloropropane

Concen: 4.631 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026838.D

Acq: 17 Sep 2018 22:04

Instrument :

MSVOA_U

ClientSampleId :

C08R8

Tgt Ion: 75 Resp: 10745

Ion Ratio Lower Upper

75 100

77 35.9 25.5 38.3

