

Data File : VU026852.D
Acq On : 18 Sep 2018 11:22
Operator : MD/SY
Sample : J4896-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08T1

Quant Time: Sep 19 05:07:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	239817	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226592	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79678	44.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.82%
7) Chloroethane-d5	1.68	69	71793	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.56%
11) 1,1-Dichloroethene-d2	2.27	63	118199	35.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.42%
21) 2-Butanone-d5	4.18	46	131715	111.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.88%
24) Chloroform-d	4.65	84	160411	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
26) 1,2-Dichloroethane-d4	5.31	65	105442	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
32) Benzene-d6	5.34	84	321989	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
36) 1,2-Dichloropropane-d6	6.33	67	106914	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.50%
41) Toluene-d8	7.57	98	274862	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%
43) trans-1,3-Dichloropropene-	7.85	79	44987	49.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.50%
47) 2-Hexanone-d5	8.31	63	91566	113.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144643	50.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	105650	55.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.24%

Target Compounds

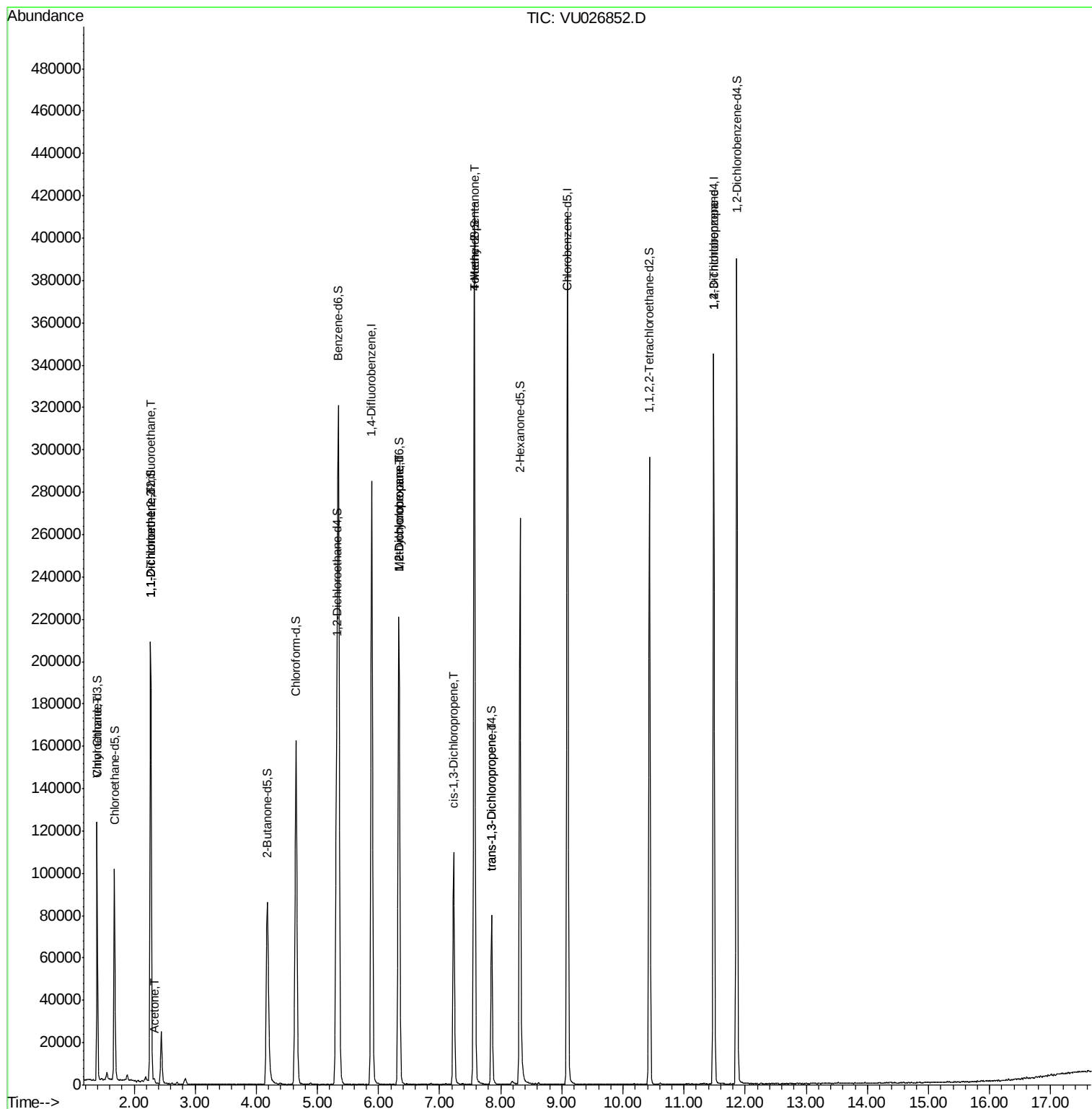
					Qvalue	
8) Chloroethane	1.40	64	1247	0.884	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1020	0.616	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	897	0.577	ug/L #	1
13) Acetone	2.32	43	739	0.639	ug/L	60
35) Methylcyclohexane	6.33	83	24836	9.038	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11337	5.875	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2464	0.904	ug/L #	59
40) 4-Methyl-2-pentanone	7.57	43	1171	0.511	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1708	0.669	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	10105	4.371	ug/L	91

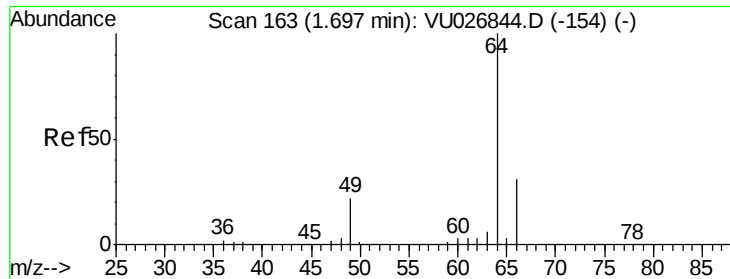
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.884 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.30 min

Lab File: VU026852.D

Acq: 18 Sep 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

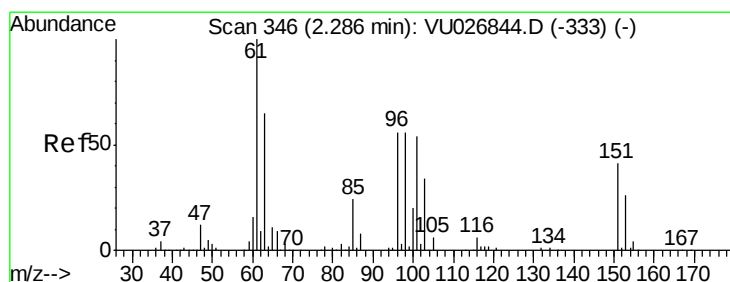
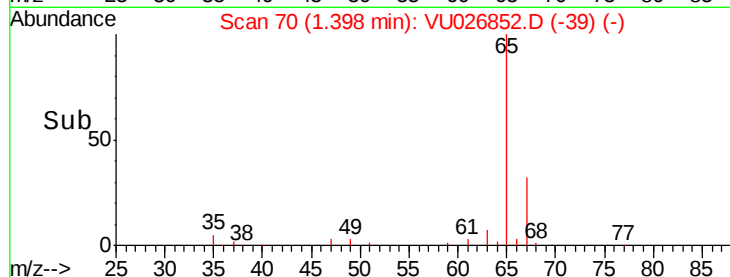
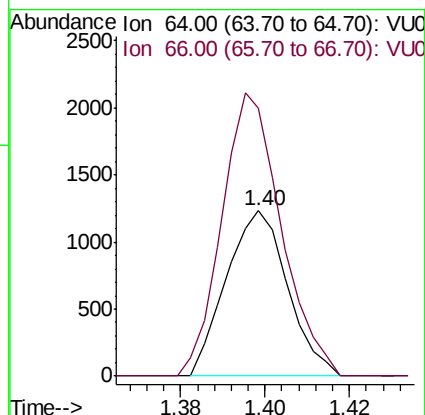
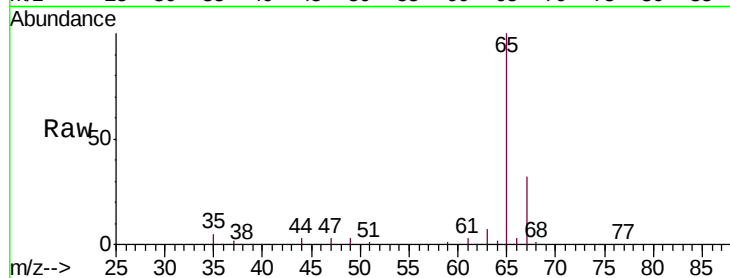
C08T1

Tgt Ion: 64 Resp: 1247

Ion Ratio Lower Upper

64 100

66 162.4 23.0 42.8#



#10

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

Concen: 0.616 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026852.D

Acq: 18 Sep 2018 11:22

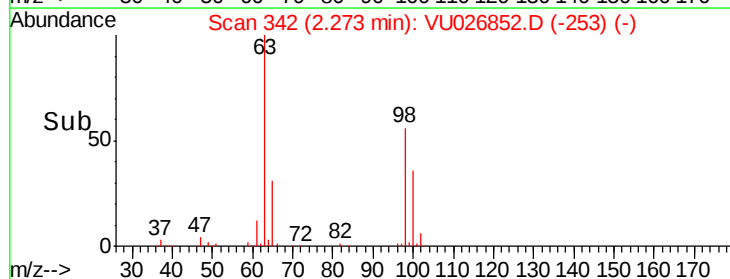
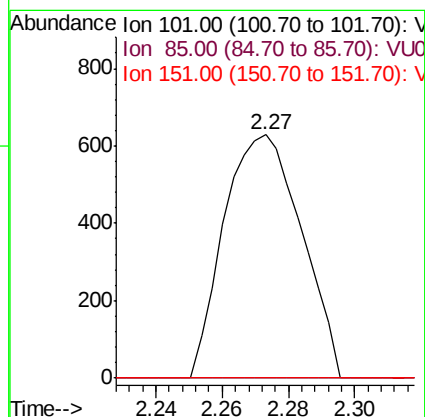
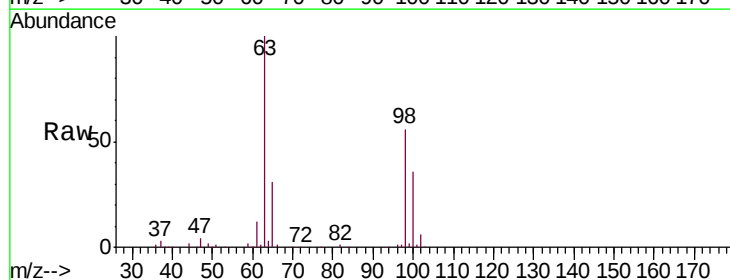
Tgt Ion: 101 Resp: 1020

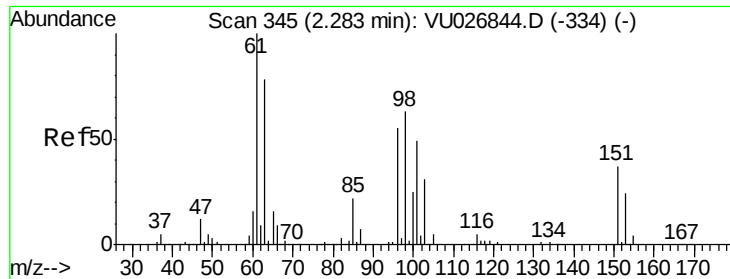
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#

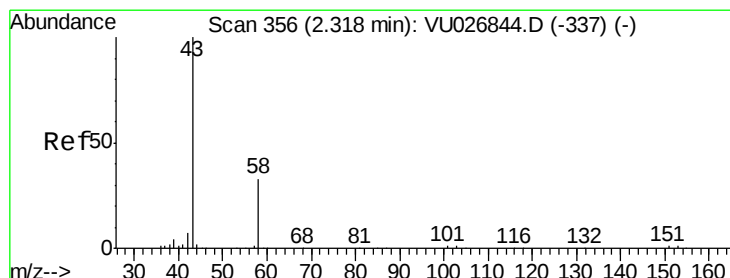
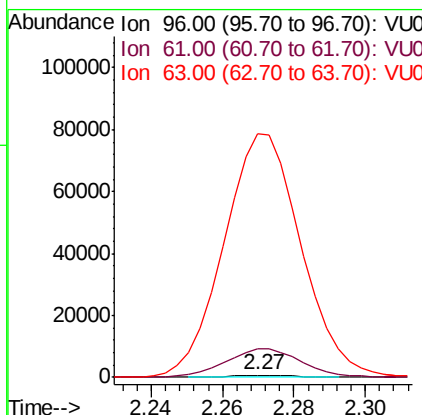
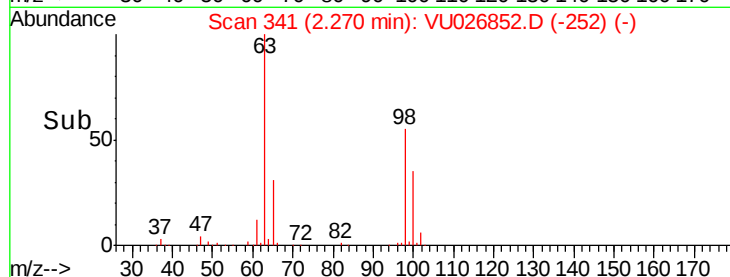
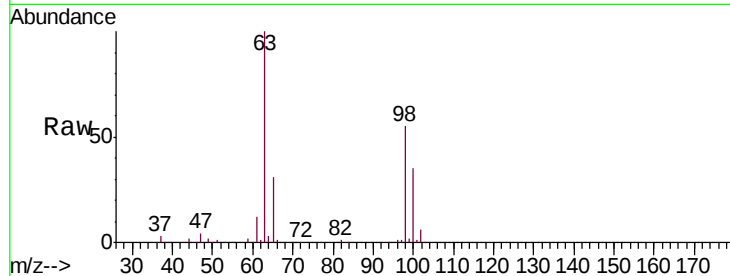




#12
 1,1-Dichloroethene
 Concen: 0.577 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU026852.D
 Acq: 18 Sep 2018 11:22

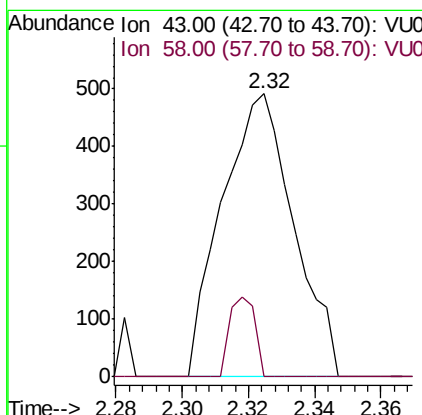
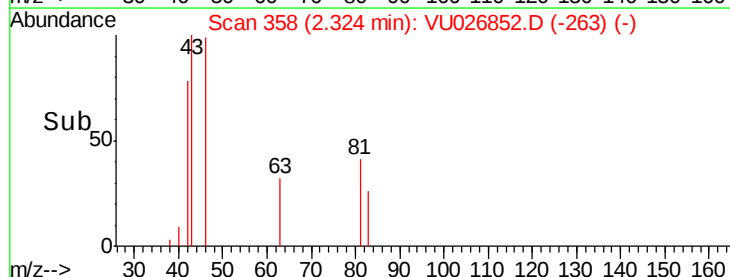
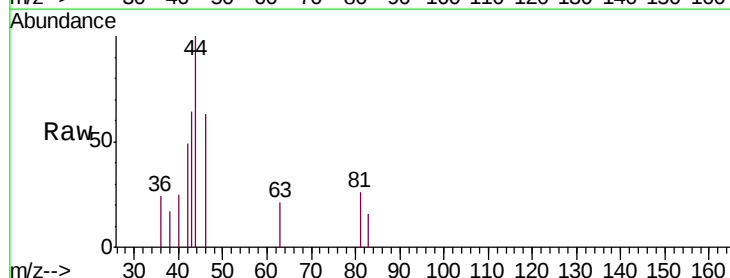
Instrument :
 MSVOA_U
 ClientSampleId :
 C08T1

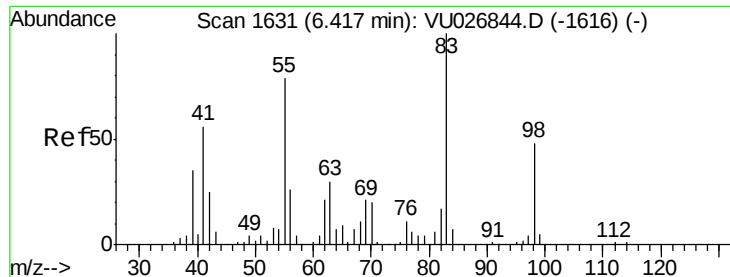
Tgt Ion: 96 Resp: 897
 Ion Ratio Lower Upper
 96 100
 61 1361.2 124.0 230.4#
 63 11825.6 97.7 181.5#



#13
 Acetone
 Concen: 0.639 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.01 min
 Lab File: VU026852.D
 Acq: 18 Sep 2018 11:22

Tgt Ion: 43 Resp: 739
 Ion Ratio Lower Upper
 43 100
 58 9.9 0.0 64.6

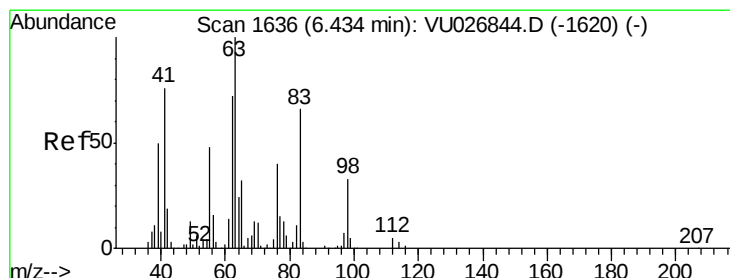
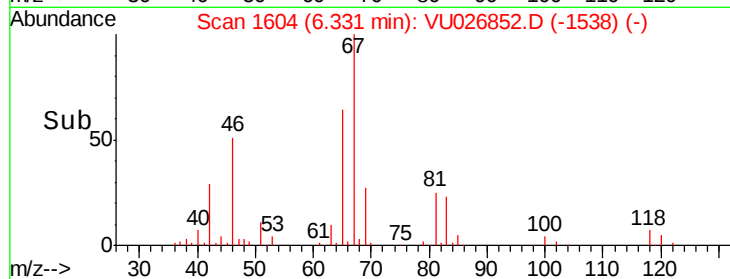
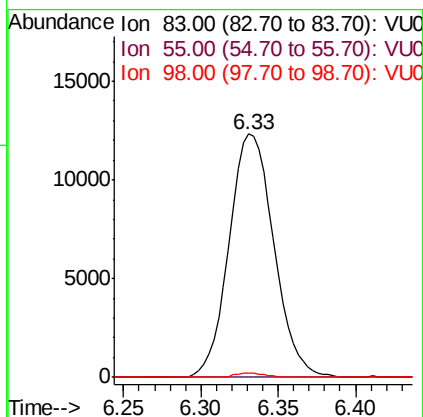
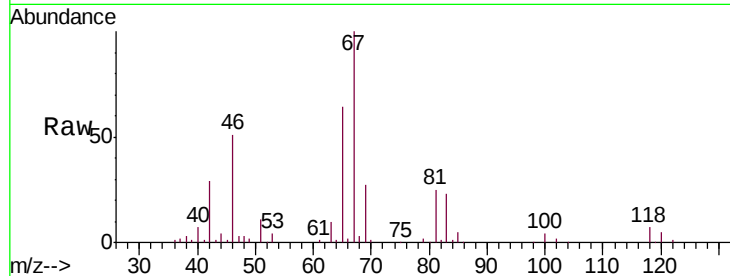




#35
Methylcyclohexane
Concen: 9.038 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026852.D
Acq: 18 Sep 2018 11:22

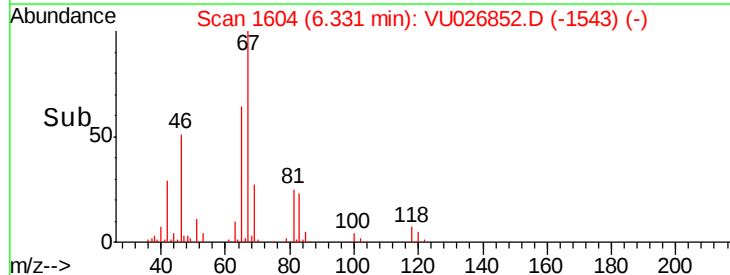
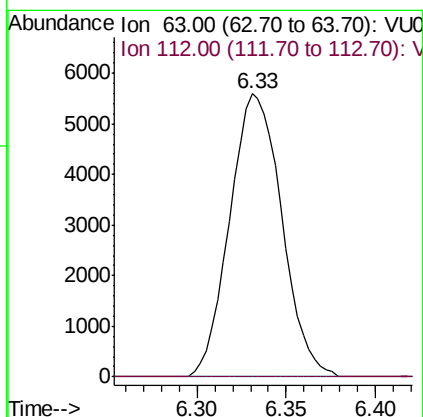
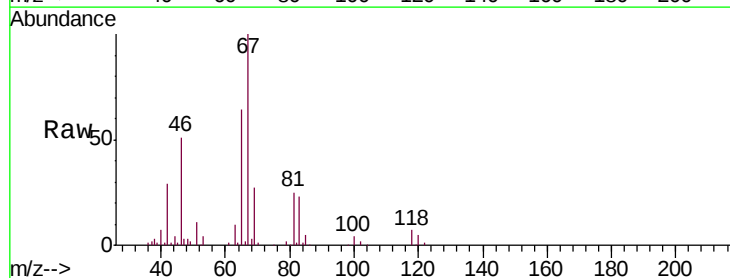
Instrument :
MSVOA_U
ClientSampleId :
C08T1

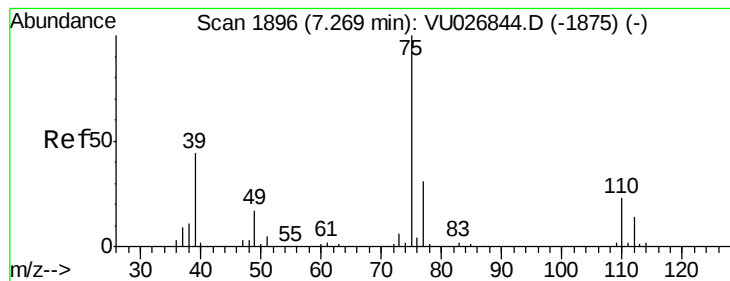
Tgt Ion: 83 Resp: 24836
Ion Ratio Lower Upper
83 100
55 0.0 61.7 92.5#
98 1.1 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 5.875 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026852.D
Acq: 18 Sep 2018 11:22

Tgt Ion: 63 Resp: 11337
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



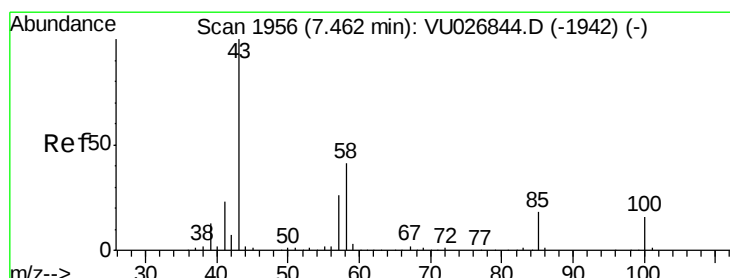
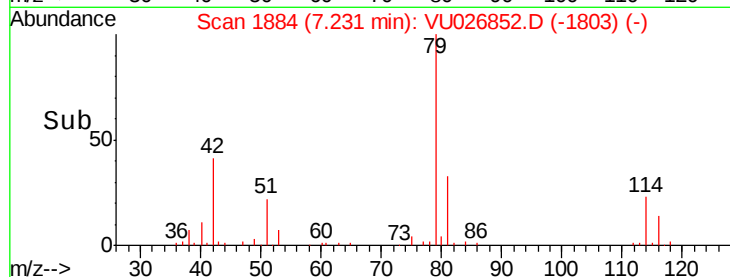
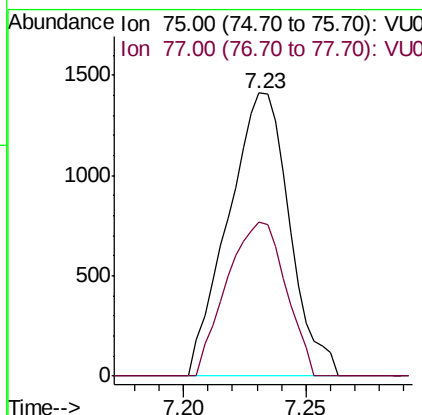
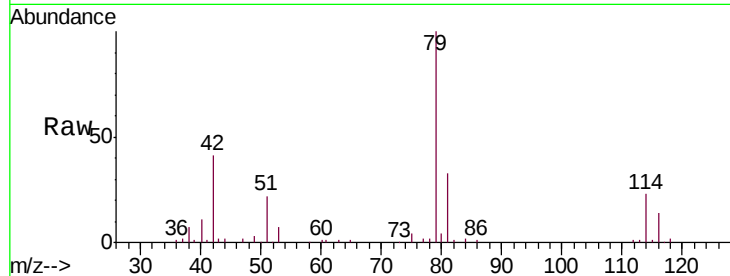


#39

cis-1,3-Dichloropropene
 Concen: 0.904 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026852.D
 Acq: 18 Sep 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C08T1

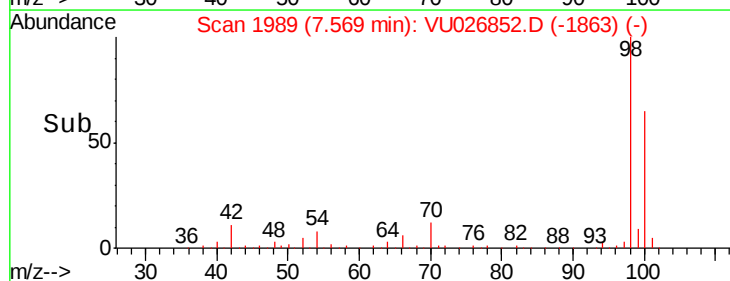
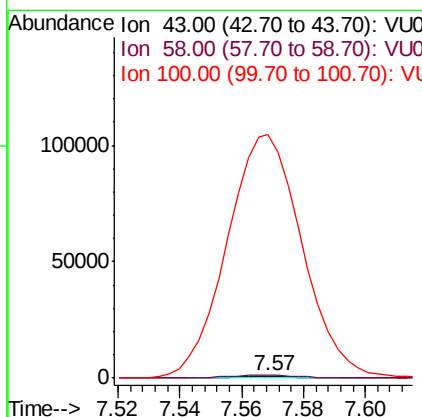
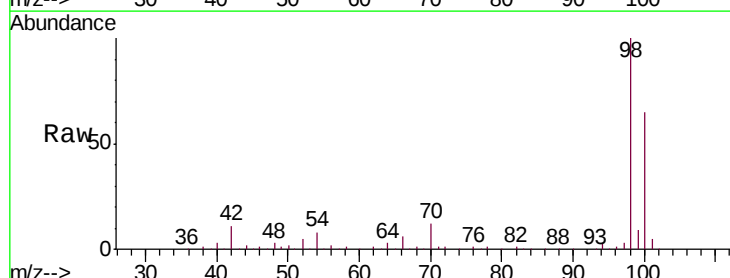
Tgt Ion: 75 Resp: 2464
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.1 41.1#

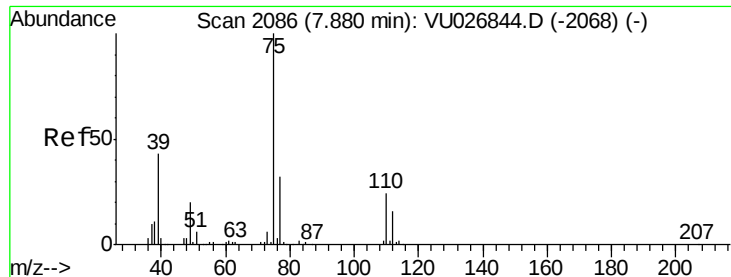


#40

4-Methyl-2-pentanone
 Concen: 0.511 ug/L
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU026852.D
 Acq: 18 Sep 2018 11:22

Tgt Ion: 43 Resp: 1171
 Ion Ratio Lower Upper
 43 100
 58 175.5 32.0 48.0#
 100 15257.2 12.6 19.0#





#44

trans-1,3-Dichloropropene

Concen: 0.669 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026852.D

Acq: 18 Sep 2018 11:22

Instrument :

MSVOA_U

ClientSampled :

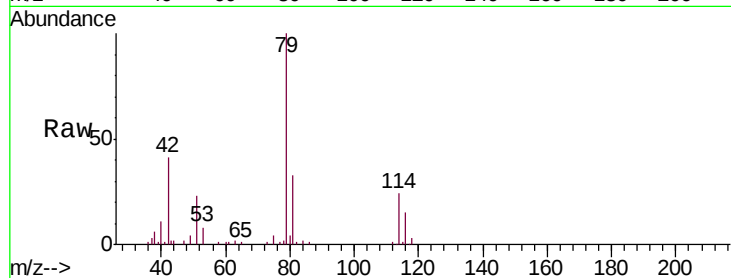
C08T1

Tgt Ion: 75 Resp: 1708

Ion Ratio Lower Upper

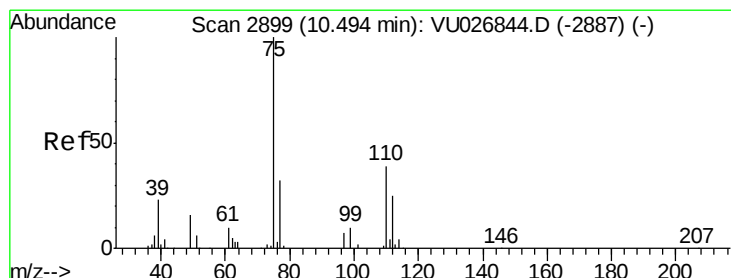
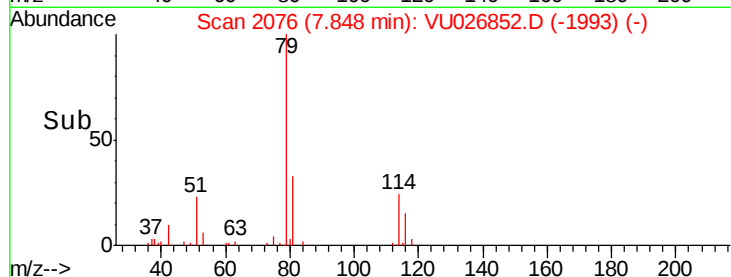
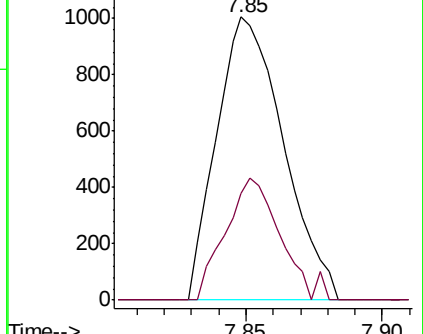
75 100

77 37.5 22.8 42.4



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: 4.371 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026852.D

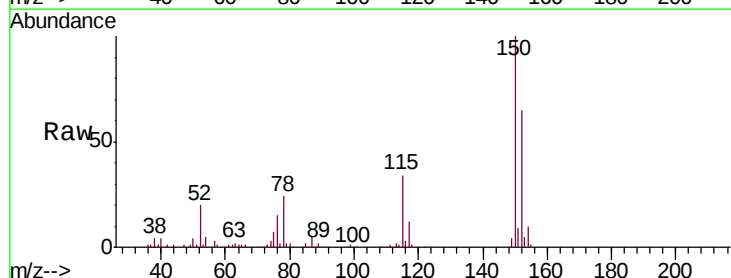
Acq: 18 Sep 2018 11:22

Tgt Ion: 75 Resp: 10105

Ion Ratio Lower Upper

75 100

77 36.7 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

