

Data File : VU026655.D
Acq On : 10 Sep 2018 16:56
Operator : MD/SY
Sample : J4837-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08H9

Quant Time: Sep 11 05:32:16 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	182608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172200	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63423	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.22%
7) Chloroethane-d5	1.68	69	54412	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.24%
11) 1,1-Dichloroethene-d2	2.27	63	87564	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
21) 2-Butanone-d5	4.18	46	88336	104.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.31%
24) Chloroform-d	4.65	84	111941	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
26) 1,2-Dichloroethane-d4	5.31	65	74977	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
32) Benzene-d6	5.34	84	224189	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	77274	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.34%
41) Toluene-d8	7.57	98	201926	48.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.58%
43) trans-1,3-Dichloropropene-	7.85	79	32849	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.48%
47) 2-Hexanone-d5	8.31	63	62940	103.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100717	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	76177	53.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.64%

Target Compounds

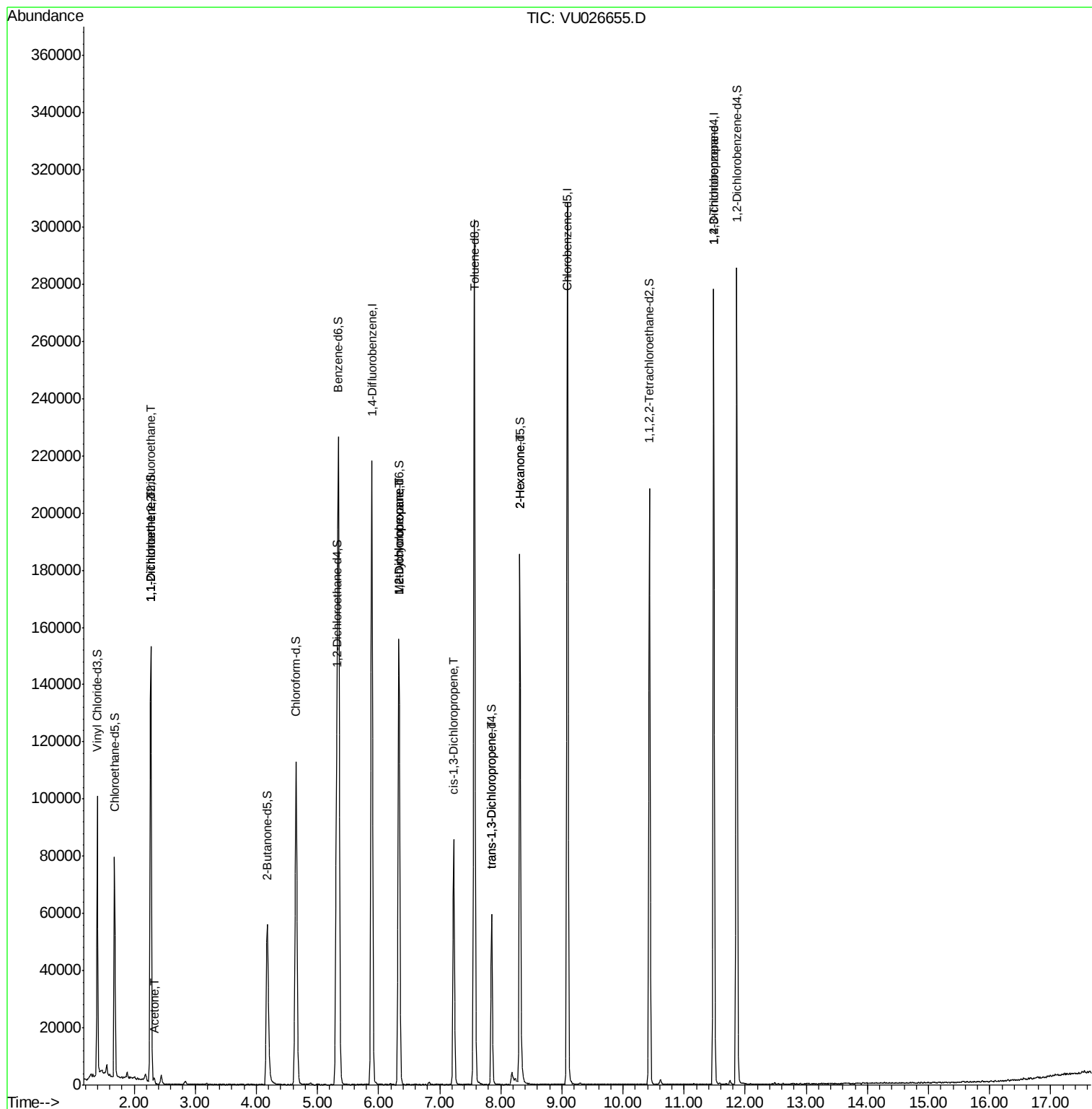
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	719	0.641	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	633	0.588	ug/L #	1
13) Acetone	2.32	43	1183	1.227	ug/L	88
35) Methylcyclohexane	6.33	83	16639	8.673	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7924	5.882	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1971	0.989	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1407	0.759	ug/L	98
48) 2-Hexanone	8.31	43	7572	5.219	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	8468	5.313	ug/L	92

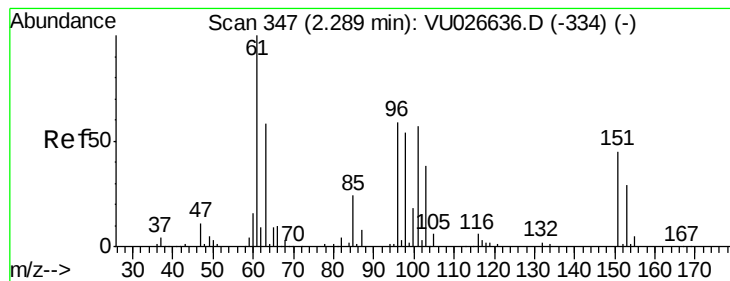
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.641 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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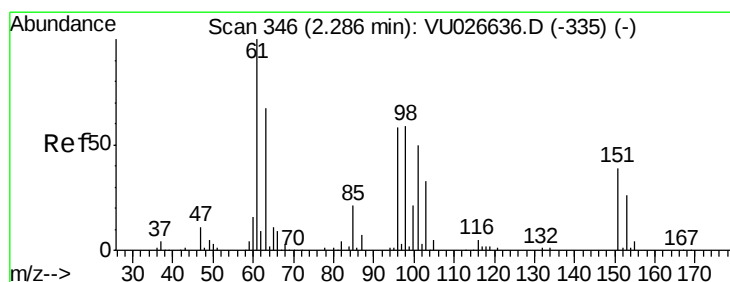
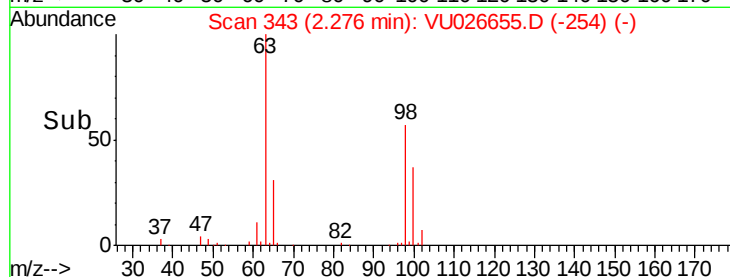
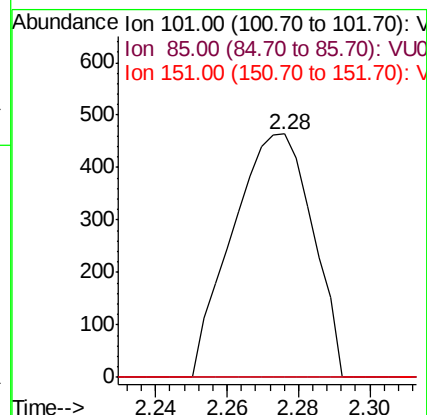
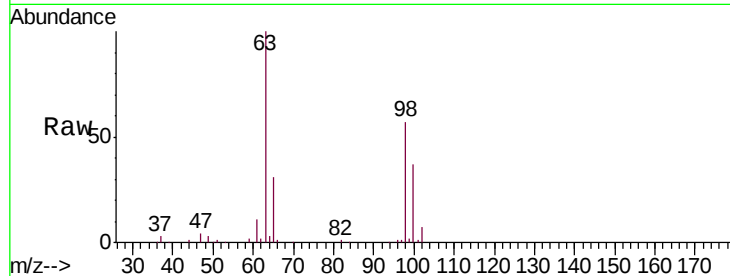
Tgt Ion: 101 Resp: 719

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: 0.588 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026655.D

Acq: 10 Sep 2018 16:56

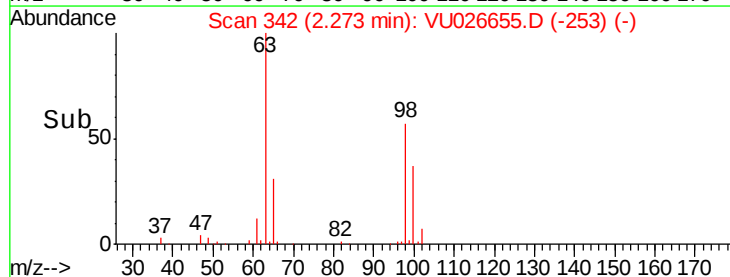
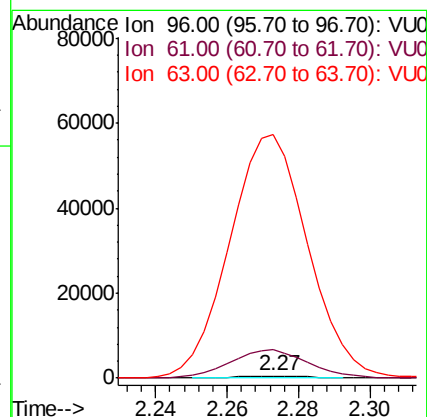
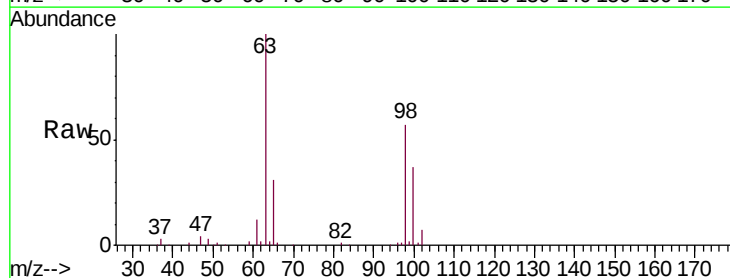
Tgt Ion: 96 Resp: 633

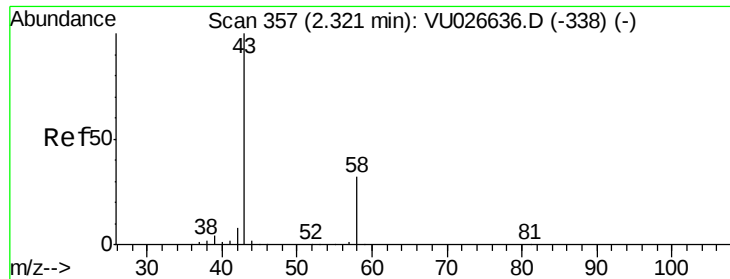
Ion Ratio Lower Upper

96 100

61 1421.2 121.0 224.8#

63 12272.4 89.9 166.9#





#13

Acetone

Concen: 1.227 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU026655.D

Acq: 10 Sep 2018 16:56

Instrument :

MSVOA_U

ClientSampleId :

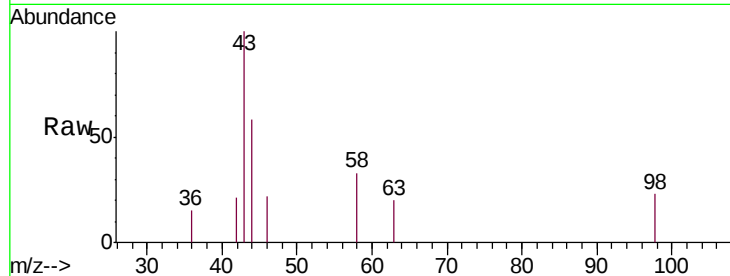
C08H9

Tgt Ion: 43 Resp: 1183

Ion Ratio Lower Upper

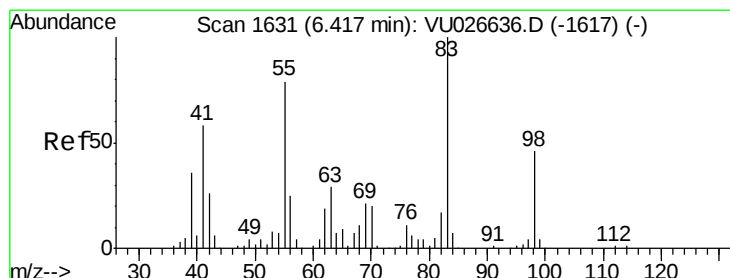
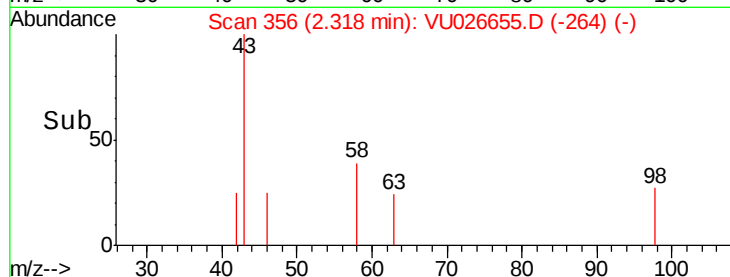
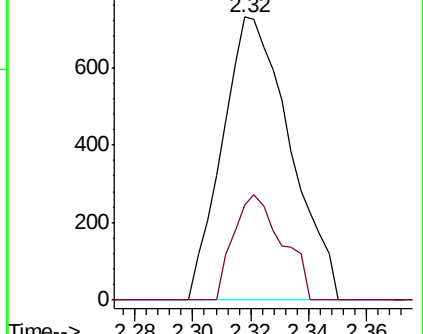
43 100

58 24.7 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 8.673 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026655.D

Acq: 10 Sep 2018 16:56

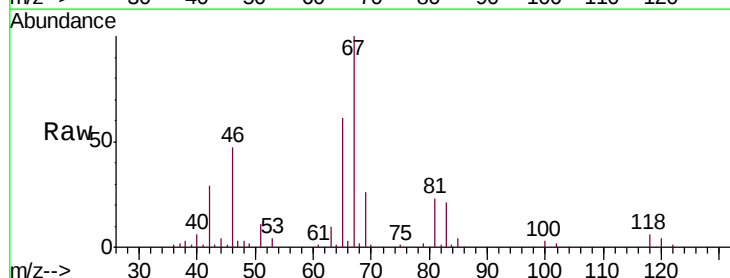
Tgt Ion: 83 Resp: 16639

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

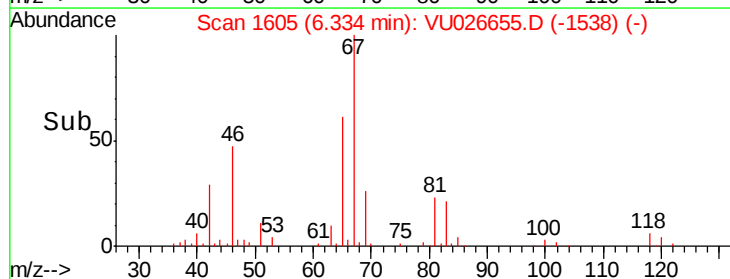
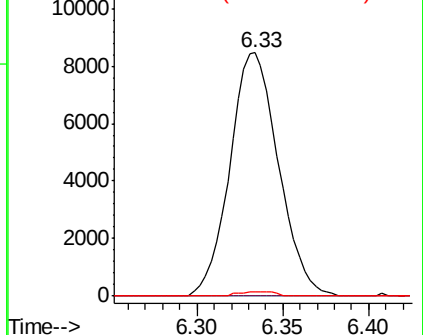
98 0.2 37.0 55.4#

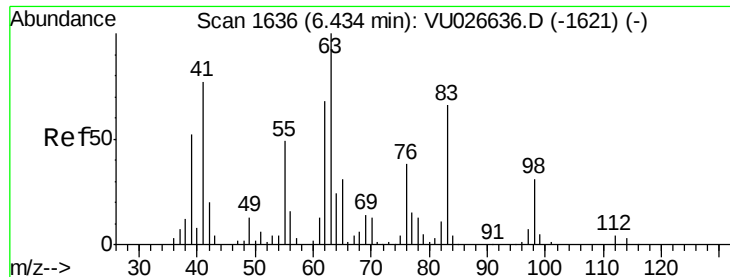


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

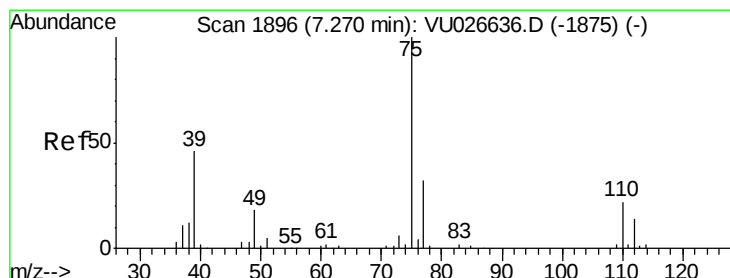
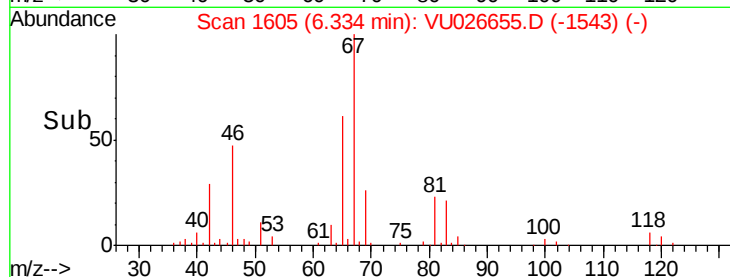
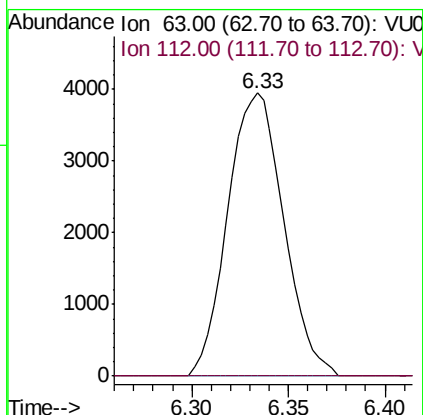
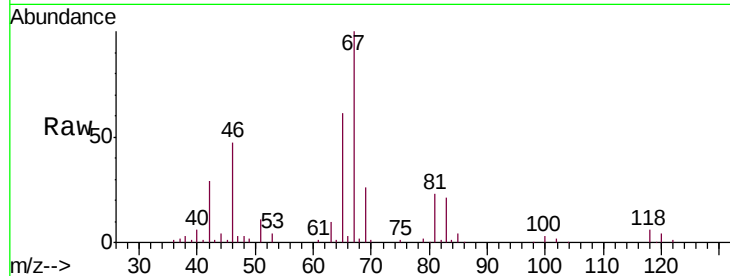




#37
 1,2-Dichloropropane
 Concen: 5.882 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026655.D
 Acq: 10 Sep 2018 16:56

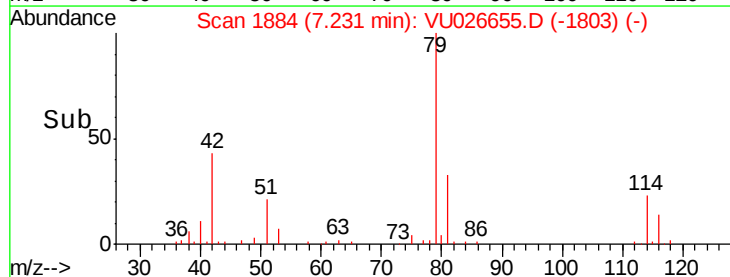
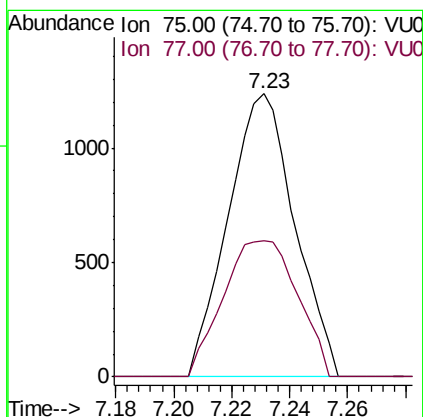
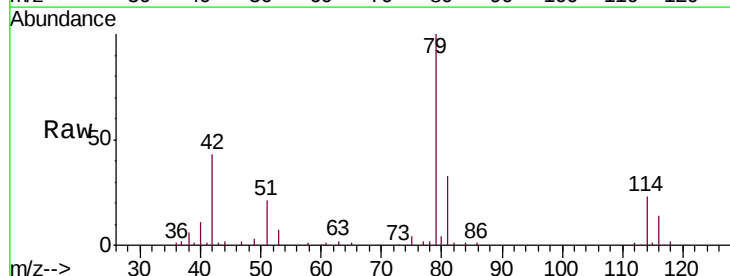
Instrument :
 MSVOA_U
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 C08H9

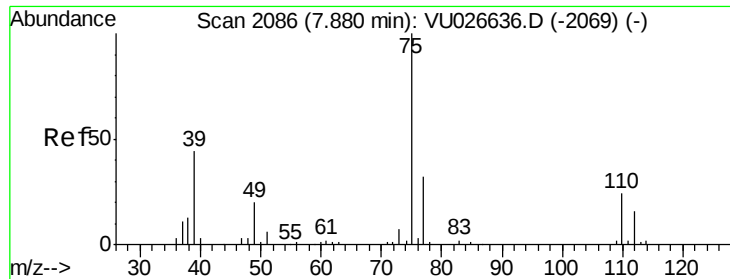
Tgt Ion: 63 Resp: 7924
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.989 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026655.D
 Acq: 10 Sep 2018 16:56

Tgt Ion: 75 Resp: 1971
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.759 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026655.D

Acq: 10 Sep 2018 16:56

Instrument :

MSVOA_U

ClientSampleId :

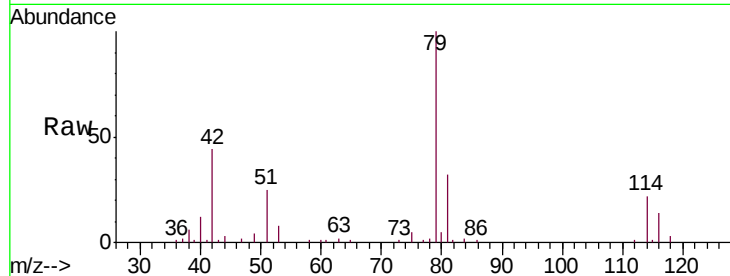
C08H9

Tgt Ion: 75 Resp: 1407

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU026636.D (-2069) (-)

Ion 77.00 (76.70 to 77.70): VU026636.D (-2069) (-)

7.85

800

600

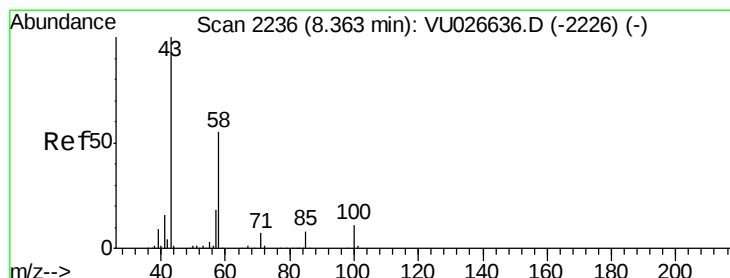
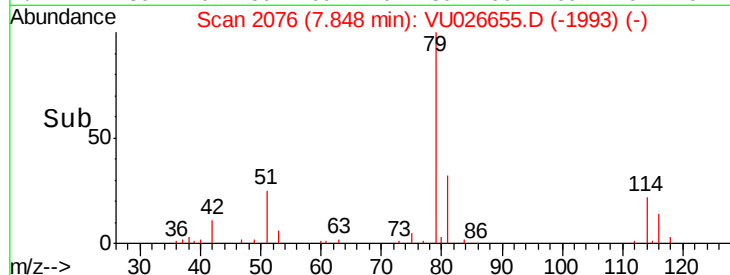
400

200

0

7.82 7.84 7.86 7.88

Time-->



#48

2-Hexanone

Concen: 5.219 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU026655.D

Acq: 10 Sep 2018 16:56

Tgt Ion: 43 Resp: 7572

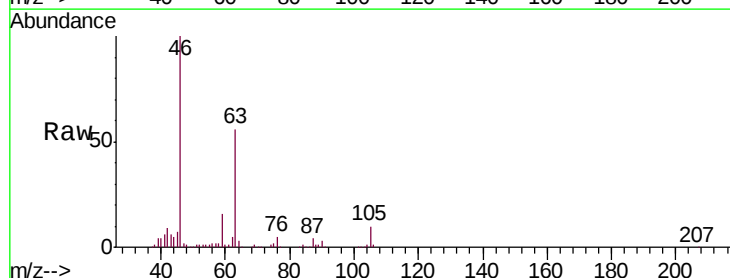
Ion Ratio Lower Upper

43 100

58 28.2 42.2 63.4#

57 27.8 14.4 21.6#

100 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU026636.D (-2226) (-)

Ion 58.00 (57.70 to 58.70): VU026636.D (-2226) (-)

Ion 57.00 (56.70 to 57.70): VU026636.D (-2226) (-)

Ion 100.00 (99.70 to 100.70): VU026636.D (-2226) (-)

8.31

6000

5000

4000

3000

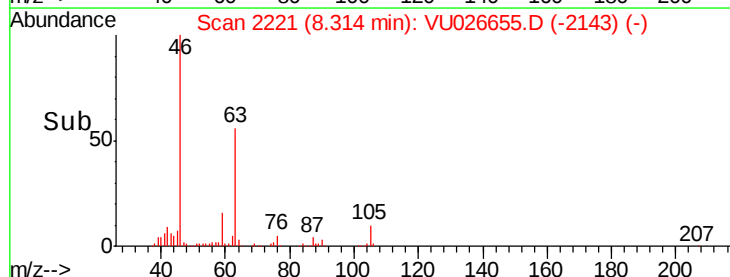
2000

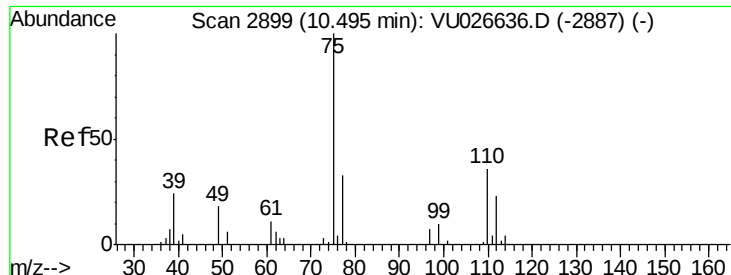
1000

0

8.25 8.30 8.35

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.313 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026655.D

Acq: 10 Sep 2018 16:56

Instrument :

MSVOA_U

ClientSampleId :

C08H9

Tgt Ion: 75 Resp: 8468

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6

