

Data File : VU026651.D
Acq On : 10 Sep 2018 15:23
Operator : MD/SY
Sample : J4837-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08H5

Quant Time: Sep 11 05:31:34 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	182300	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170710	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	72592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66005	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.18%
7) Chloroethane-d5	1.68	69	54554	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.66%
11) 1,1-Dichloroethene-d2	2.27	63	88305	36.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.64%
21) 2-Butanone-d5	4.18	46	90364	106.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.89%
24) Chloroform-d	4.65	84	112400	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	5.31	65	74447	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.34	84	228376	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
36) 1,2-Dichloropropane-d6	6.33	67	77674	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.78%
41) Toluene-d8	7.57	98	204835	49.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%
43) trans-1,3-Dichloropropene-	7.85	79	33239	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.31	63	63969	105.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102800	50.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	77410	53.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.98%

Target Compounds

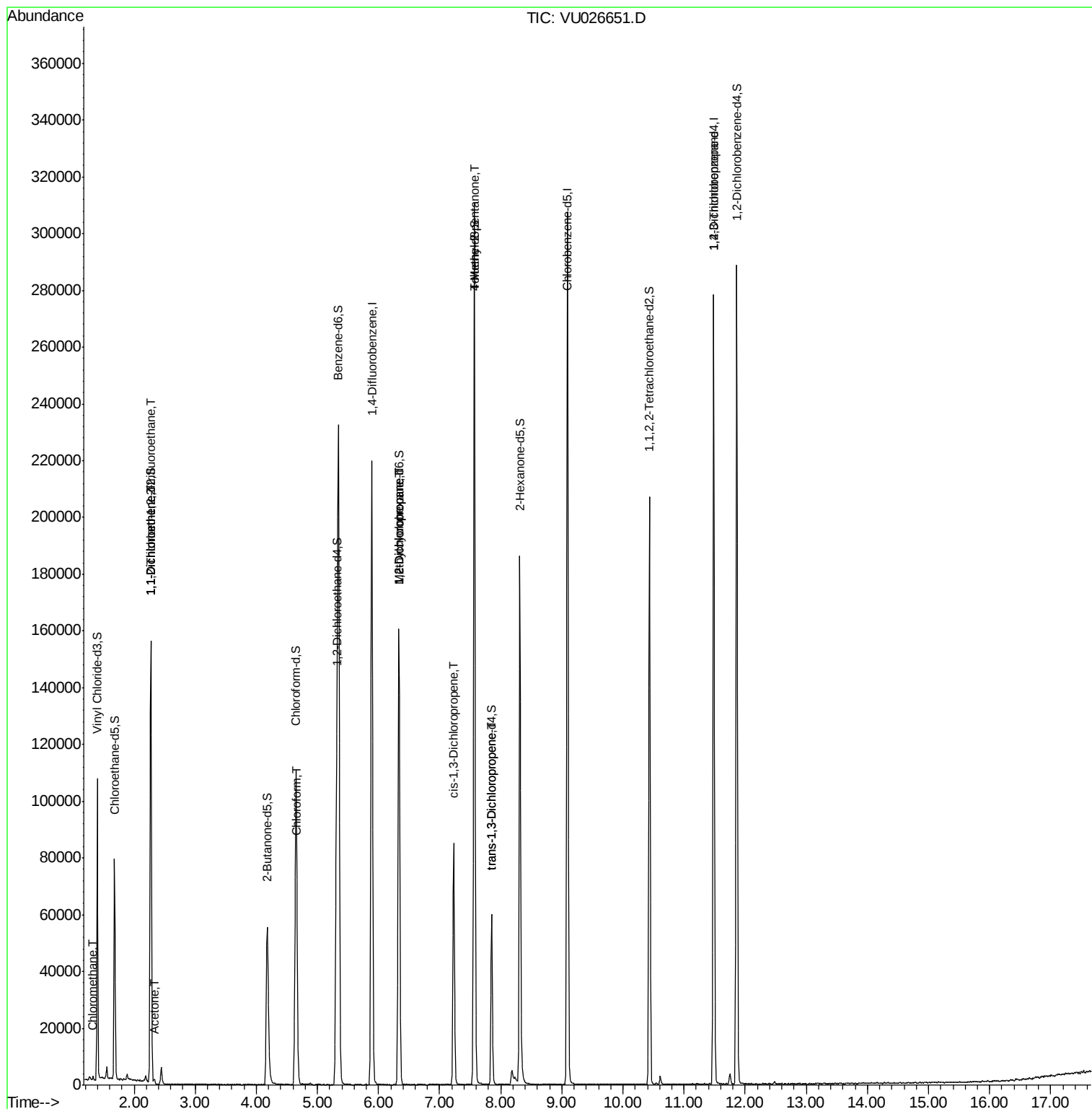
					Qvalue
3) Chloromethane	1.33	50	1057	0.701 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	775	0.692 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	669	0.622 ug/L #	1
13) Acetone	2.32	43	793	0.824 ug/L	73
25) Chloroform	4.67	83	1438	0.648 ug/L #	64
35) Methylcyclohexane	6.33	83	17200	9.043 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7910	5.923 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1969	0.996 ug/L #	68
40) 4-Methyl-2-pentanone	7.56	43	823	0.483 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1378	0.750 ug/L	96
59) 1,2,3-Trichloropropane	11.49	75	8363	5.293 ug/L #	87

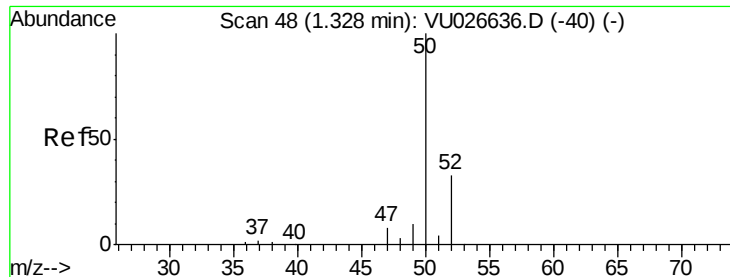
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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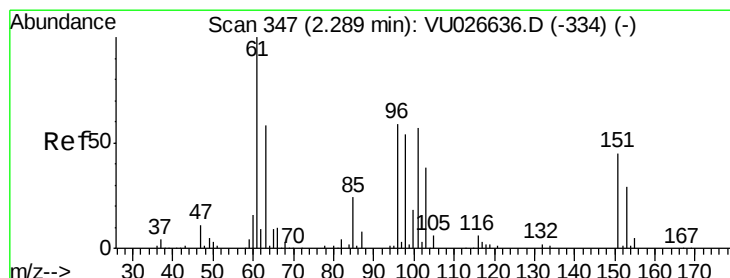
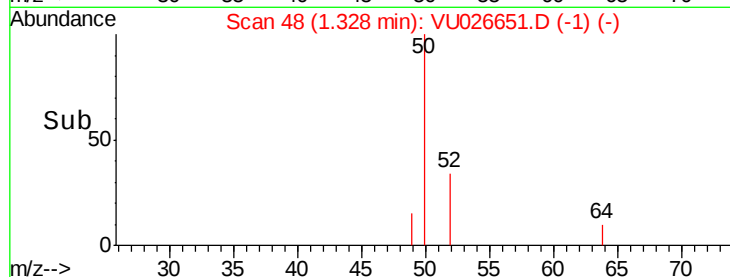
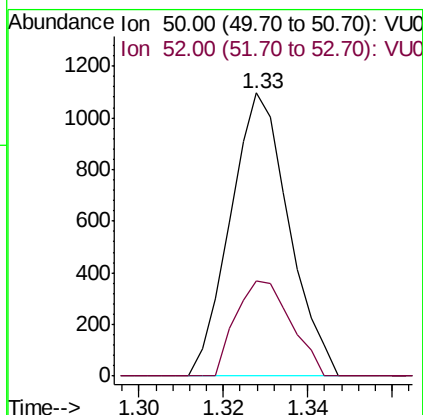
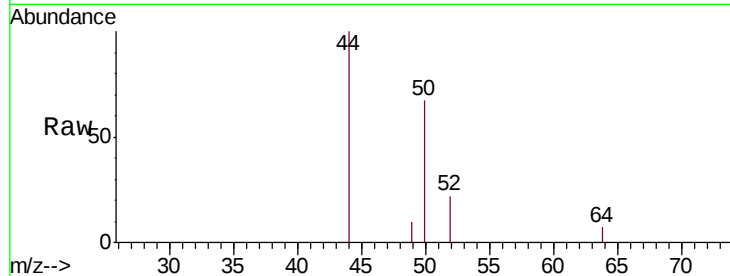




#3
Chloromethane
Concen: 0.701 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU026651.D
Acq: 10 Sep 2018 15:23

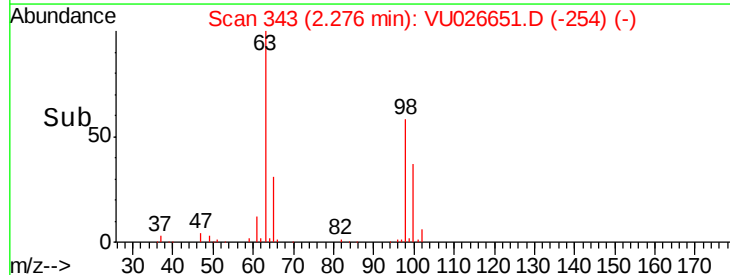
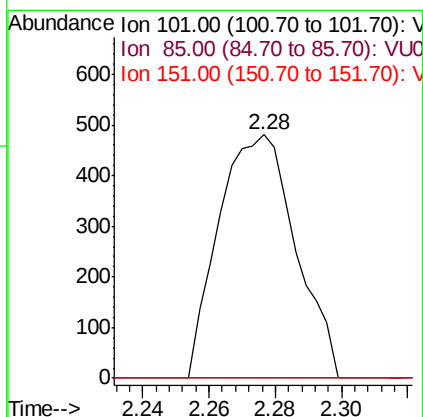
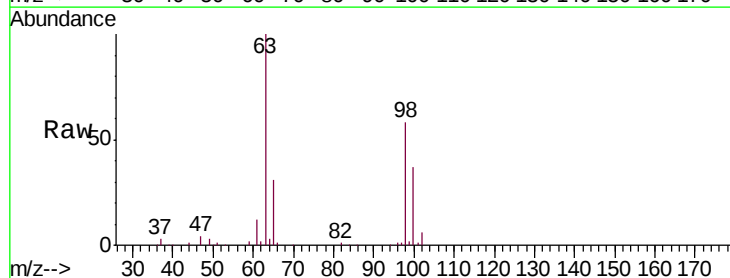
Instrument :
MSVOA_U
ClientSampleId :
C08H5

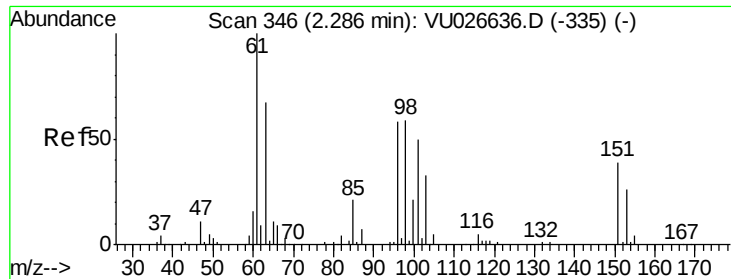
Tgt Ion: 50 Resp: 1057
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.692 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026651.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 101 Resp: 775
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 62.6 94.0#

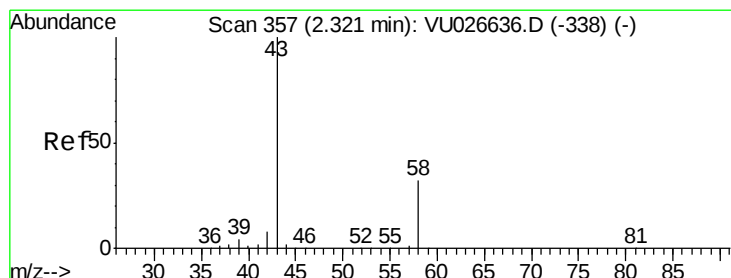
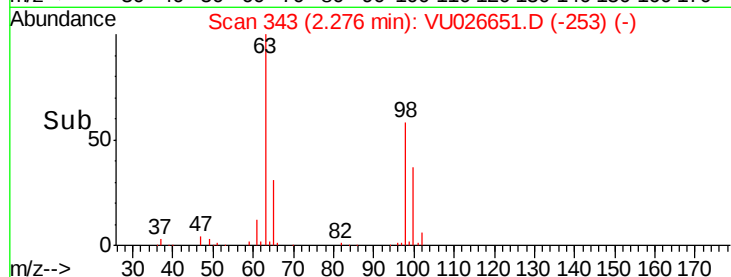
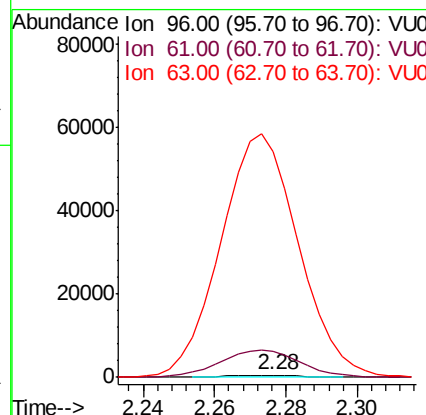
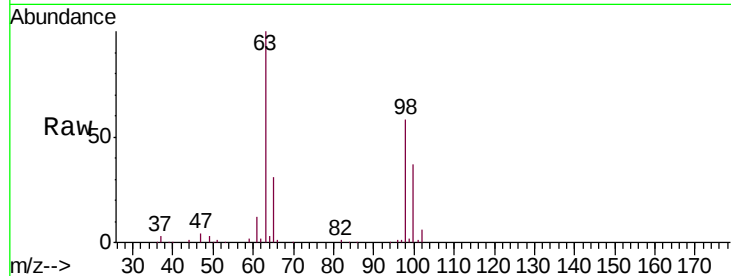




#12
 1,1-Dichloroethene
 Concen: 0.622 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU026651.D
 Acq: 10 Sep 2018 15:23

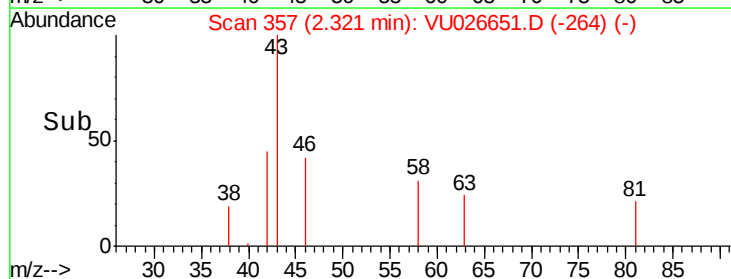
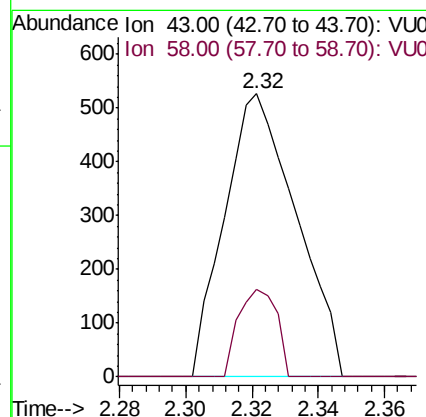
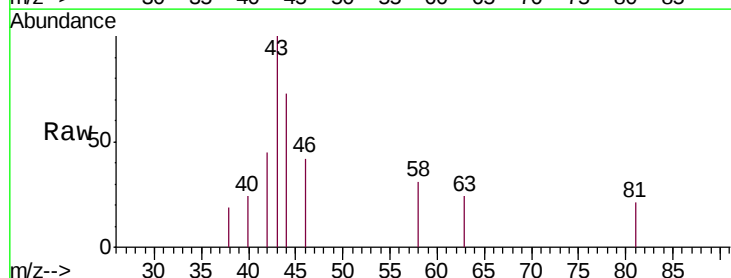
Instrument :
 MSVOA_U
 ClientSampleId :
 C08H5

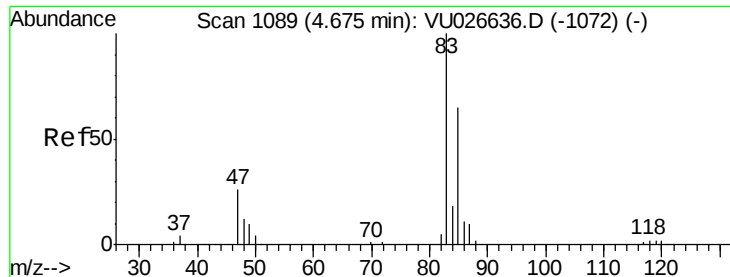
Tgt Ion: 96 Resp: 669
 Ion Ratio Lower Upper
 96 100
 61 1406.2 121.0 224.8#
 63 12051.6 89.9 166.9#



#13
 Acetone
 Concen: 0.824 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026651.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 43 Resp: 793
 Ion Ratio Lower Upper
 43 100
 58 16.4 0.0 62.8

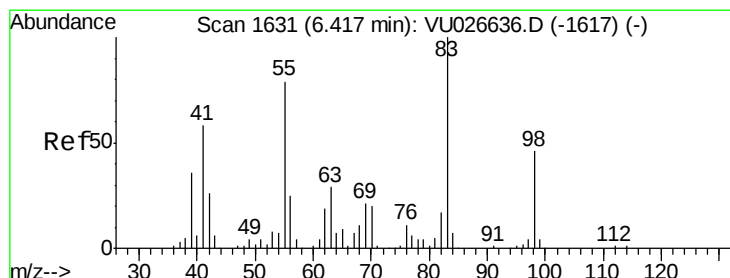
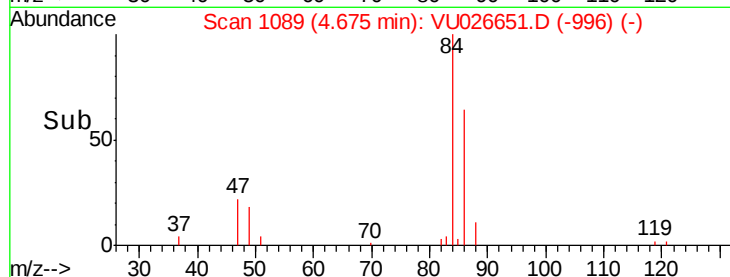
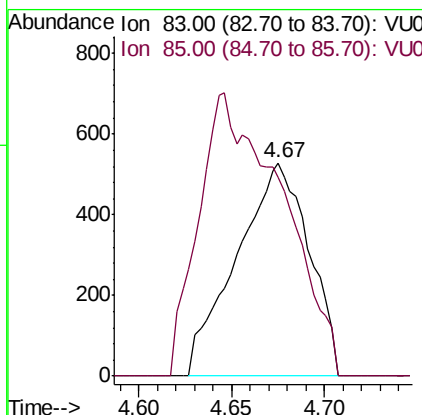
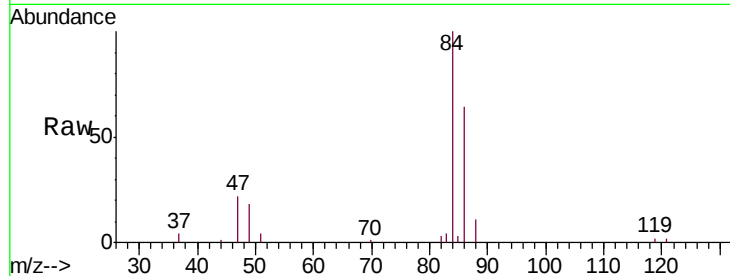




#25
Chloroform
Concen: 0.648 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026651.D
Acq: 10 Sep 2018 15:23

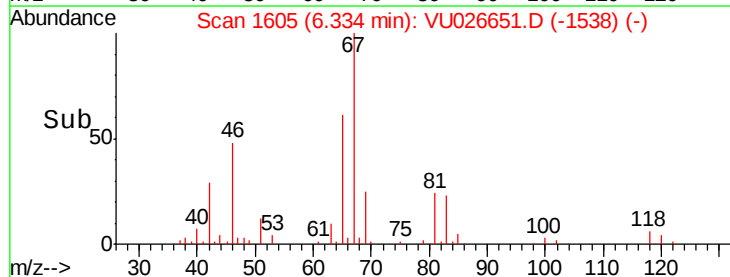
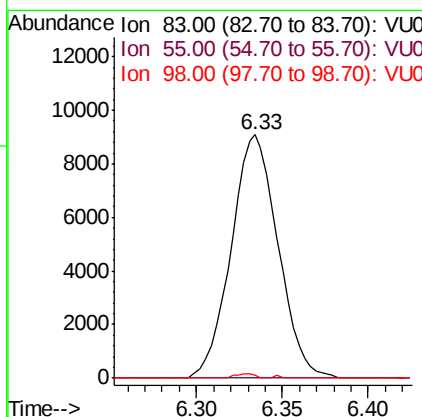
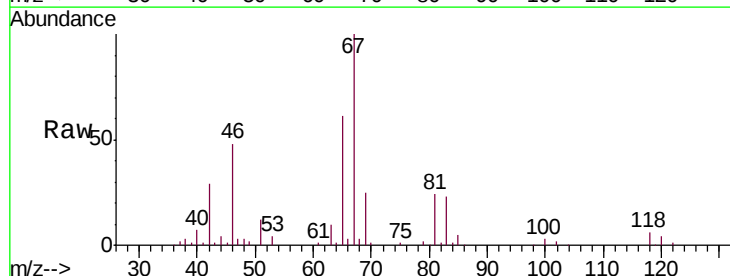
Instrument :
MSVOA_U
ClientSampleId :
C08H5

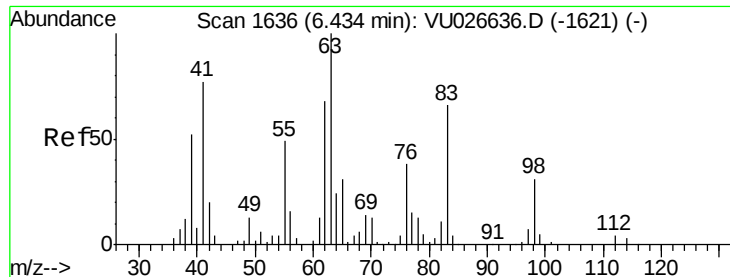
Tgt Ion: 83 Resp: 1438
Ion Ratio Lower Upper
83 100
85 93.2 45.6 84.6#



#35
Methylcyclohexane
Concen: 9.043 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026651.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 83 Resp: 17200
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.7 37.0 55.4#

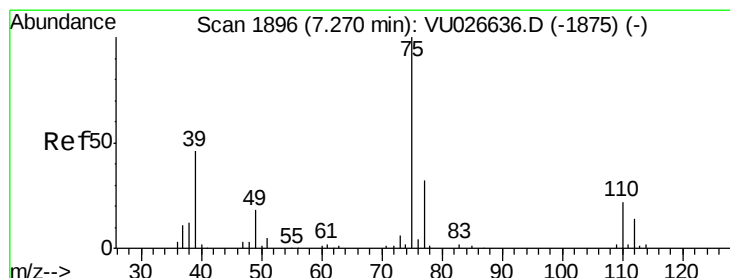
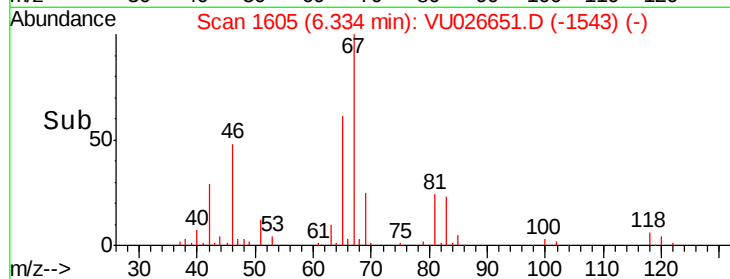
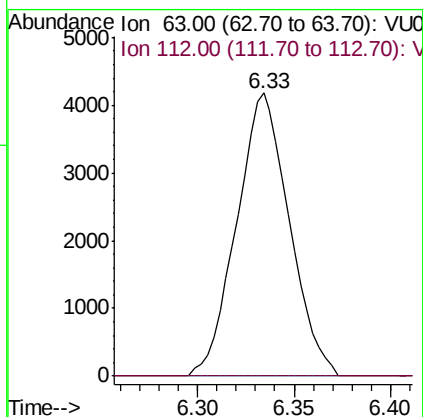
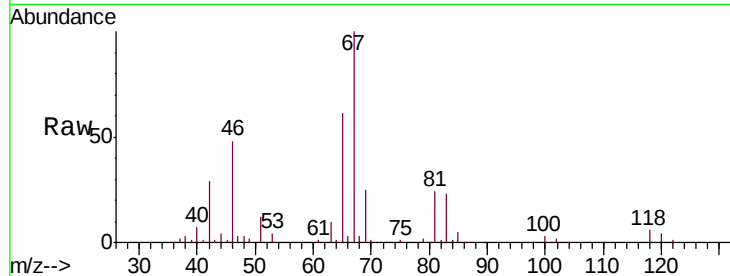




#37
 1,2-Dichloropropane
 Concen: 5.923 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026651.D
 Acq: 10 Sep 2018 15:23

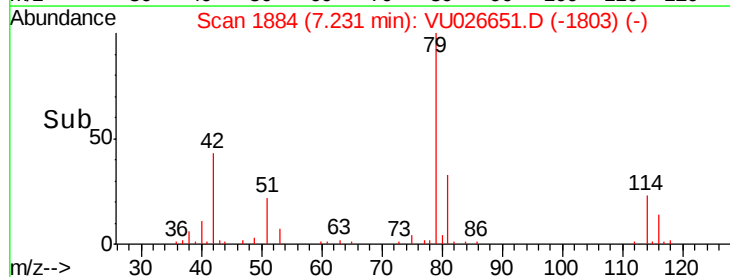
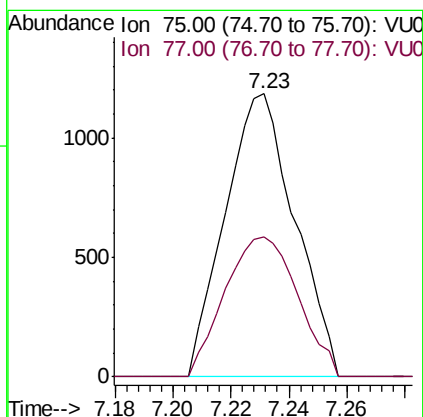
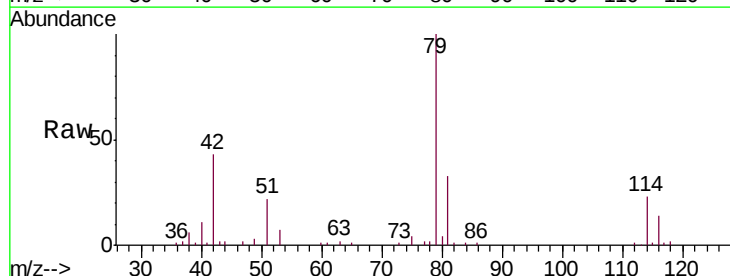
Instrument :
 MSVOA_U
 ClientSampleId :
 C08H5

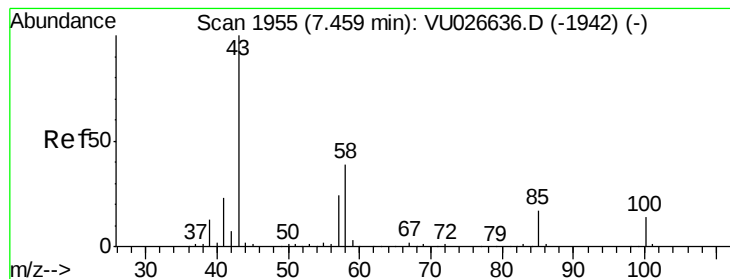
Tgt Ion: 63 Resp: 7910
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.996 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026651.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 75 Resp: 1969
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.3 41.3#





#40

4-Methyl-2-pentanone

Concen: 0.483 ug/L

RT: 7.56 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VU026651.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_U

ClientSampled :

C08H5

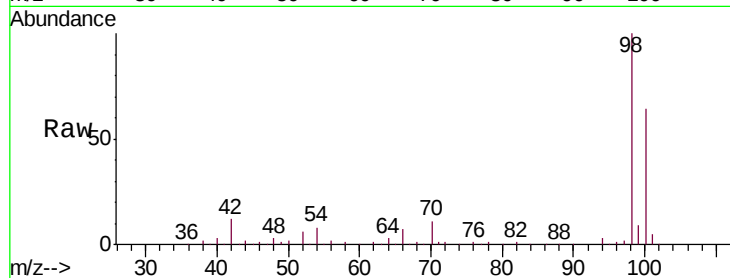
Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

58 197.4 31.1 46.7#

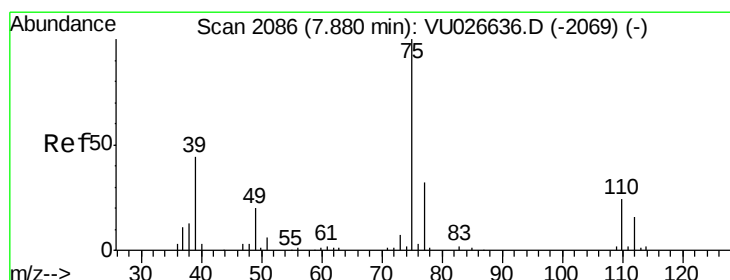
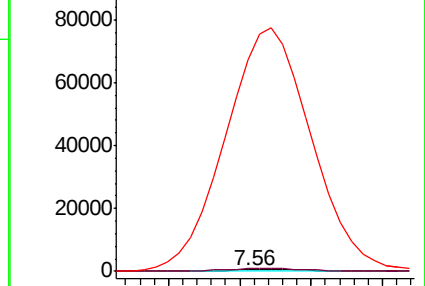
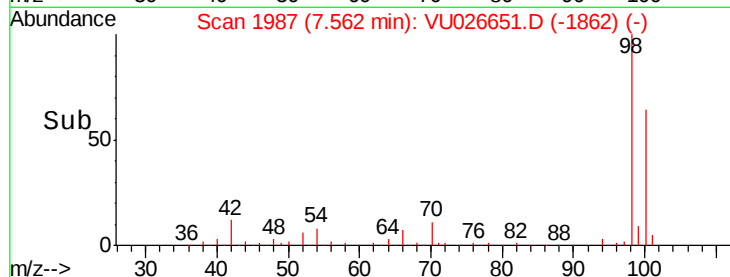
100 15813.6 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU026651.D (-1987) (-)

Ion 58.00 (57.70 to 58.70): VU026651.D (-1987) (-)

Ion 100.00 (99.70 to 100.70): VU026651.D (-1987) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.750 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026651.D

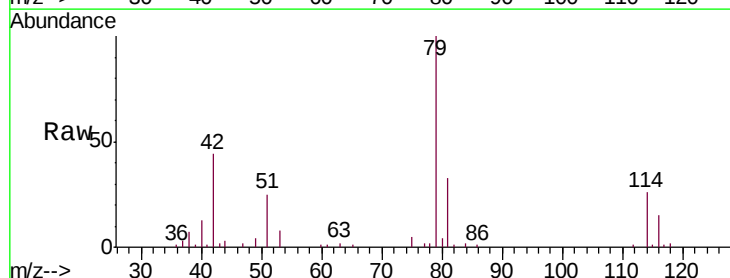
Acq: 10 Sep 2018 15:23

Tgt Ion: 75 Resp: 1378

Ion Ratio Lower Upper

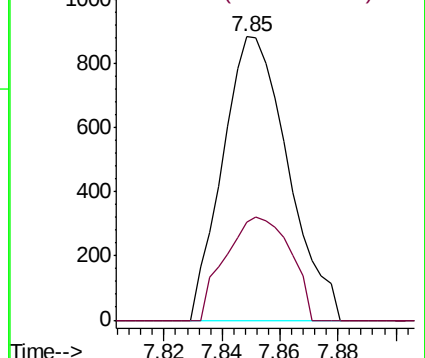
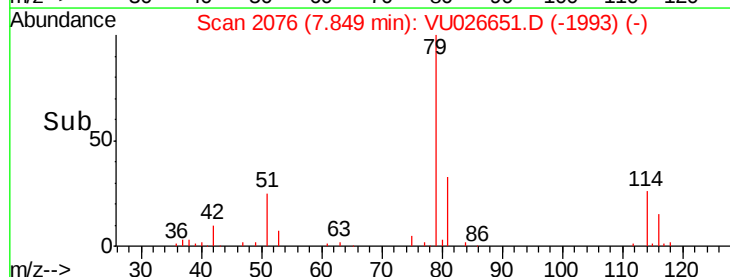
75 100

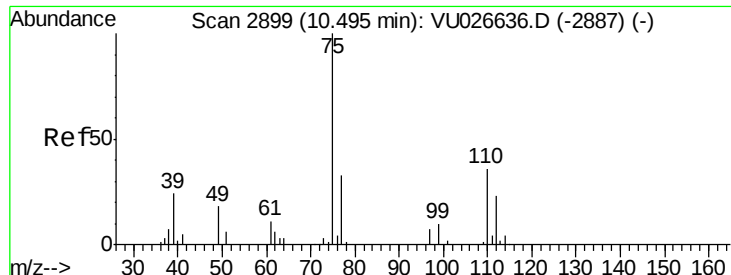
77 34.4 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU026651.D (-2076) (-)

Ion 77.00 (76.70 to 77.70): VU026651.D (-2076) (-)





#59

1,2,3-Trichloropropane

Concen: 5.293 ug/L

RT: 11.49 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026651.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

C08H5

Tgt Ion: 75 Resp: 8363

Ion Ratio Lower Upper

75 100

77 39.6 25.8 38.6#

