

Data File : VU026646.D
Acq On : 10 Sep 2018 13:28
Operator : MD/SY
Sample : J4837-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08T3

Quant Time: Sep 11 05:30:41 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	187628	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76226	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65086	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.10%
7) Chloroethane-d5	1.68	69	54573	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.88%
11) 1,1-Dichloroethene-d2	2.27	63	89825	35.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.80%
21) 2-Butanone-d5	4.18	46	88630	101.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	4.65	84	107675	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.31	65	73157	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
32) Benzene-d6	5.34	84	225150	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
36) 1,2-Dichloropropane-d6	6.33	67	76620	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.57	98	200764	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloropropene-	7.85	79	33514	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.31	63	62178	101.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99003	47.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	77001	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%

Target Compounds

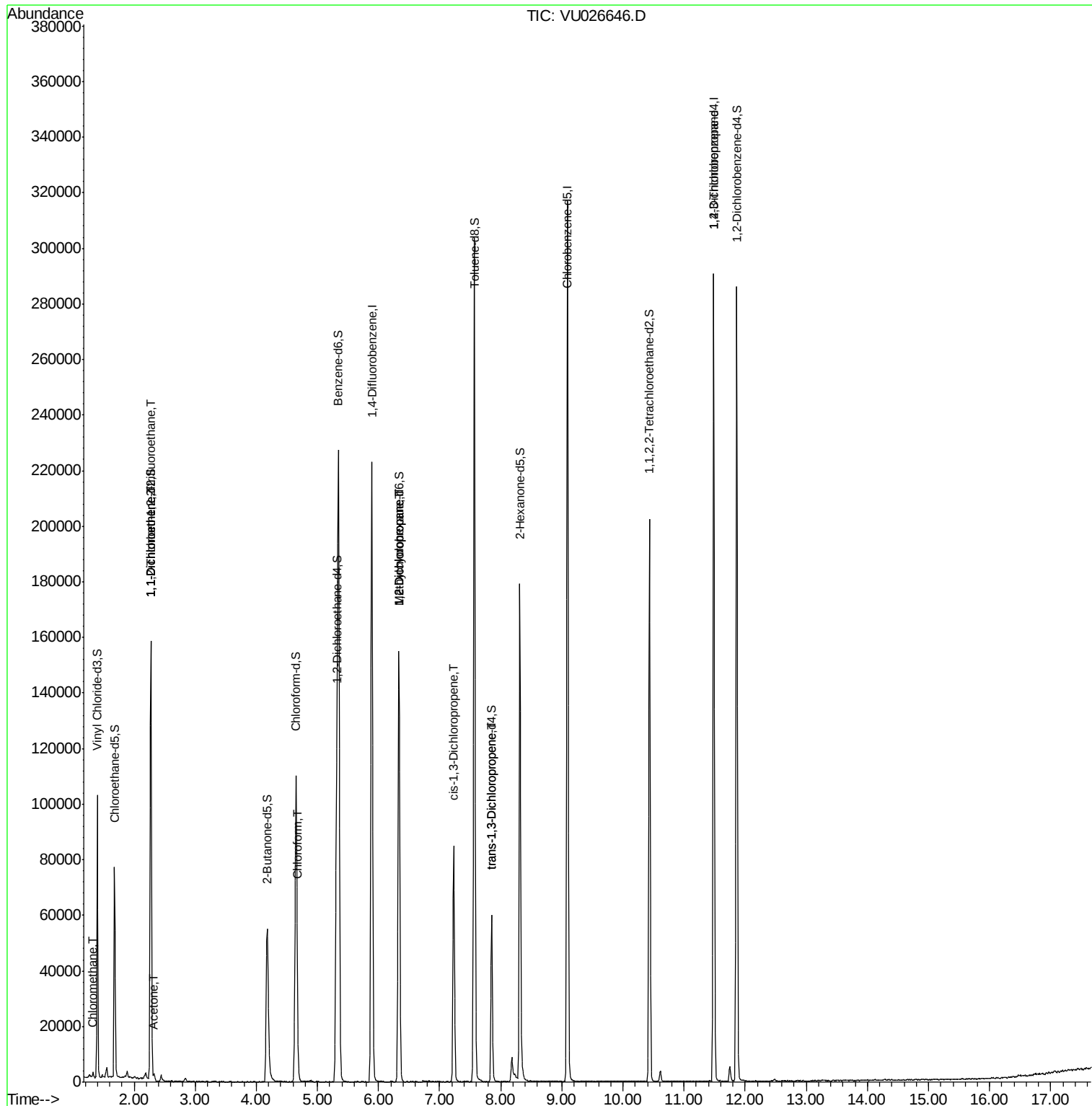
					Qvalue
3) Chloromethane	1.33	50	1322	0.852 ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	779	0.676 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	661	0.597 ug/L #	1
13) Acetone	2.32	43	1712	1.728 ug/L	87
25) Chloroform	4.68	83	3162	1.384 ug/L #	75
35) Methylcyclohexane	6.33	83	17290	8.933 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7906	5.817 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2021	1.005 ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1332	0.712 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	8740	5.435 ug/L	93

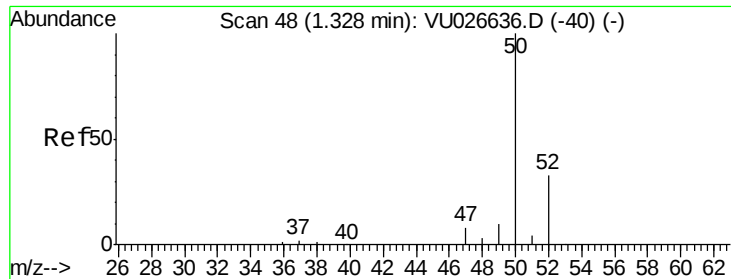
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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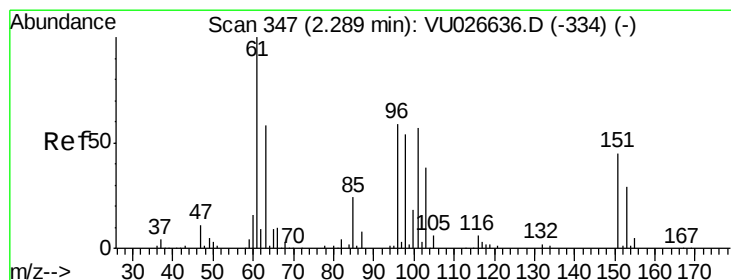
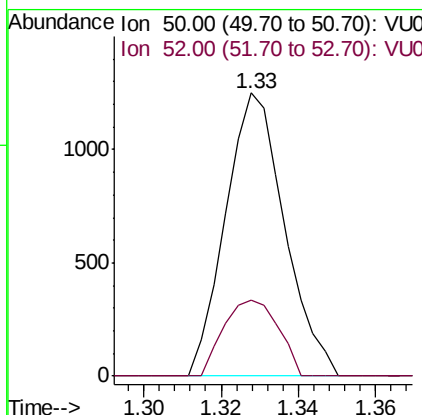
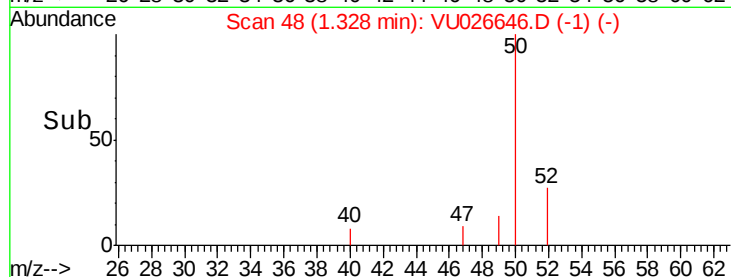
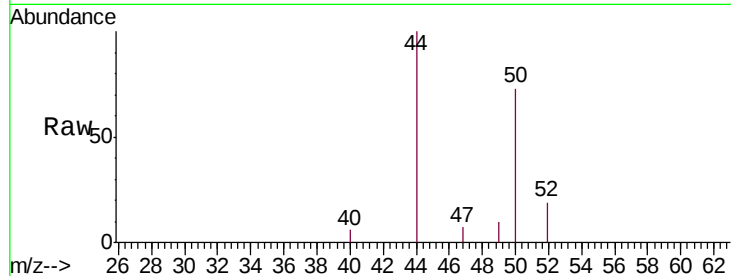




#3
Chloromethane
Concen: 0.852 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU026646.D
Acq: 10 Sep 2018 13:28

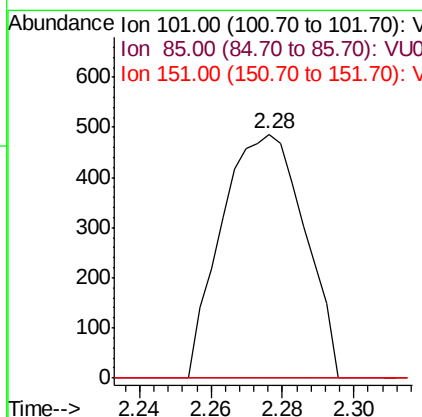
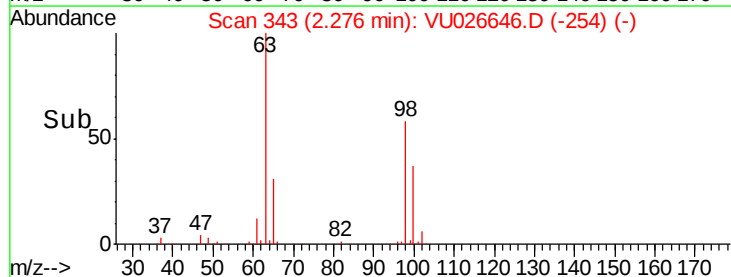
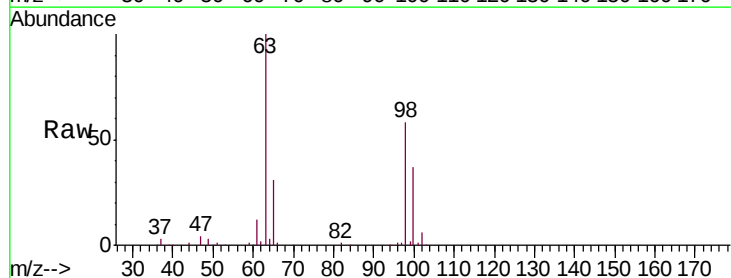
Instrument :
MSVOA_U
ClientSampled :
C08T3

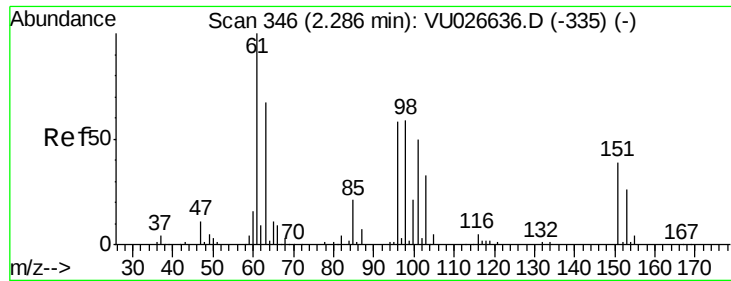
Tgt Ion: 50 Resp: 1322
Ion Ratio Lower Upper
50 100
52 26.7 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.676 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026646.D
Acq: 10 Sep 2018 13:28

Tgt Ion: 101 Resp: 779
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: 0.597 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026646.D

Acq: 10 Sep 2018 13:28

Instrument :

MSVOA_U

ClientSampled :

C08T3

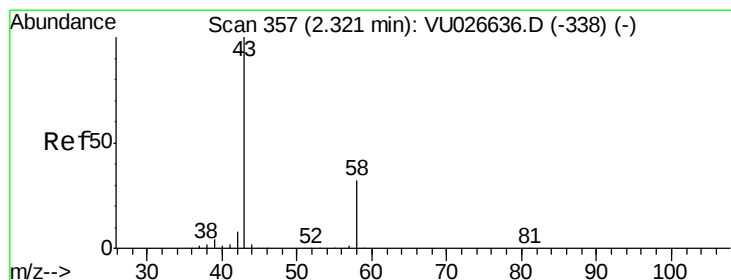
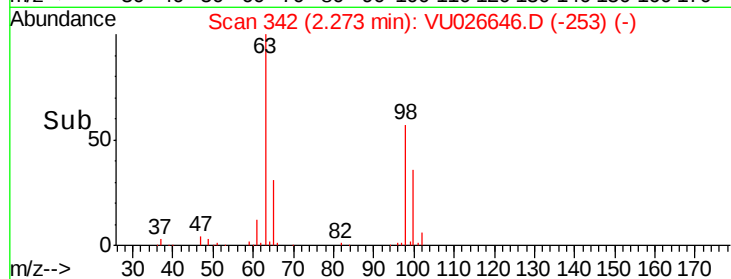
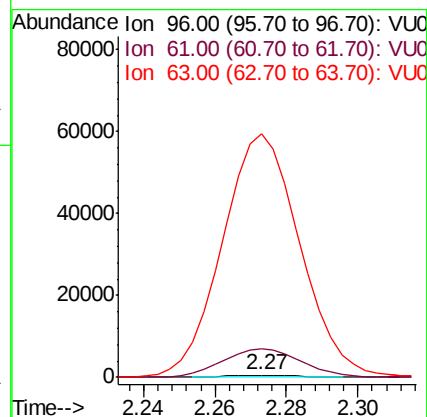
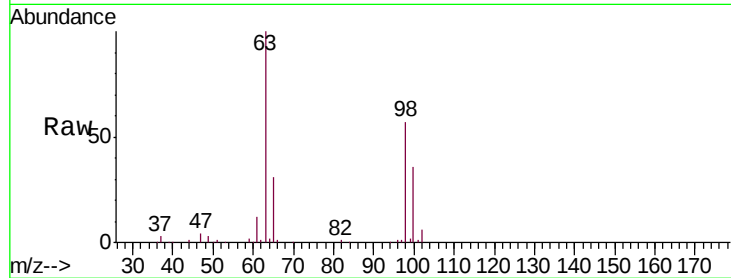
Tgt Ion: 96 Resp: 661

Ion Ratio Lower Upper

96 100

61 1603.9 121.0 224.8#

63 13541.7 89.9 166.9#



#13

Acetone

Concen: 1.728 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026646.D

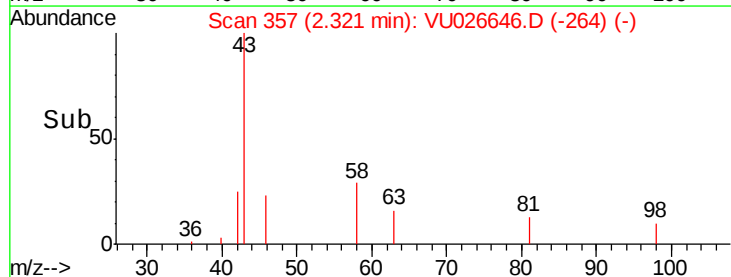
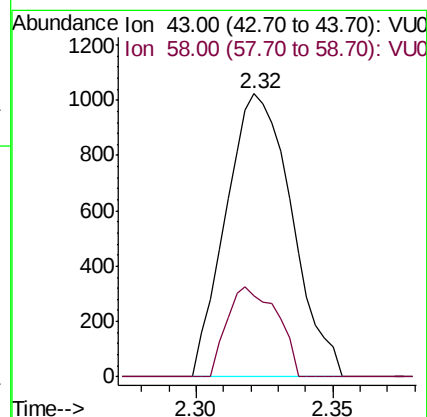
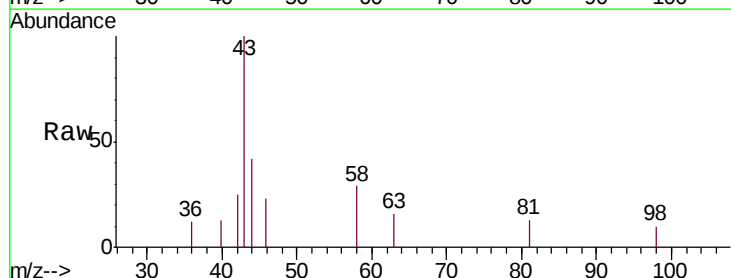
Acq: 10 Sep 2018 13:28

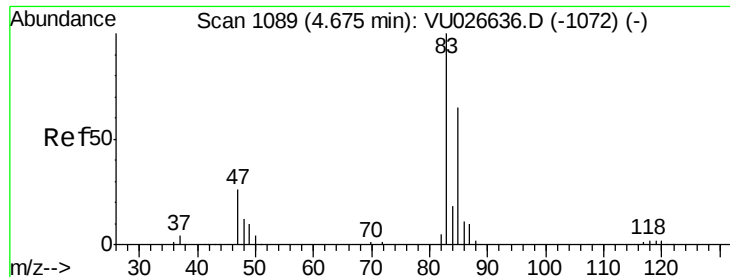
Tgt Ion: 43 Resp: 1712

Ion Ratio Lower Upper

43 100

58 24.2 0.0 62.8

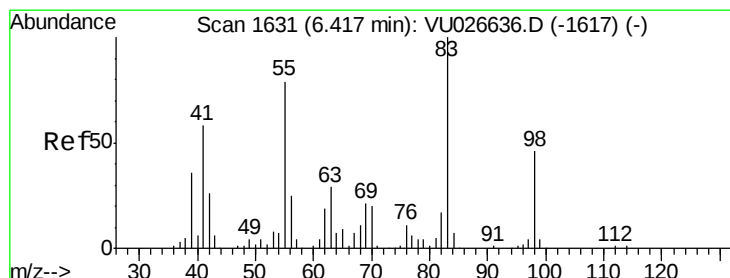
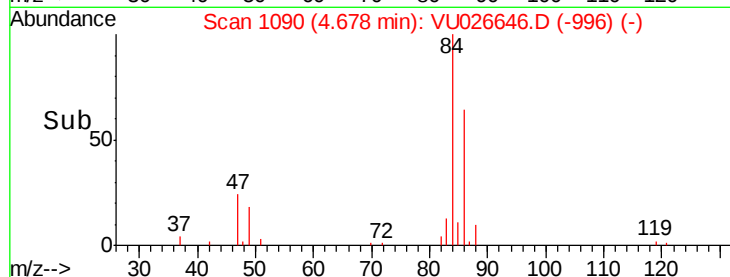
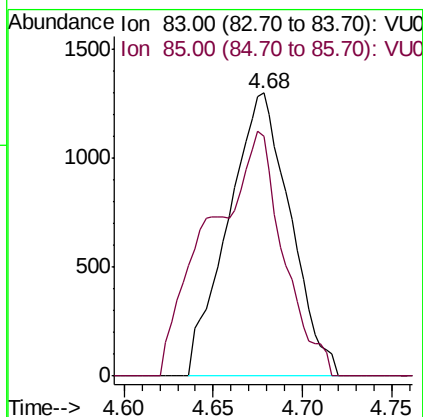
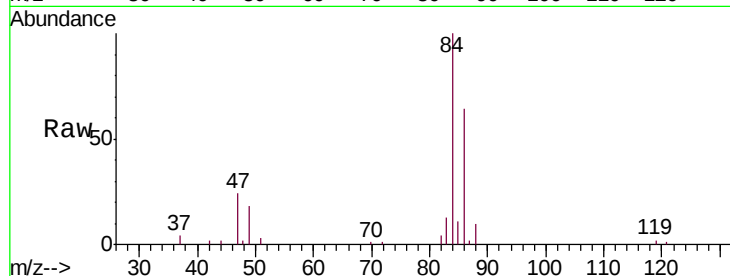




#25
Chloroform
Concen: 1.384 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU026646.D
Acq: 10 Sep 2018 13:28

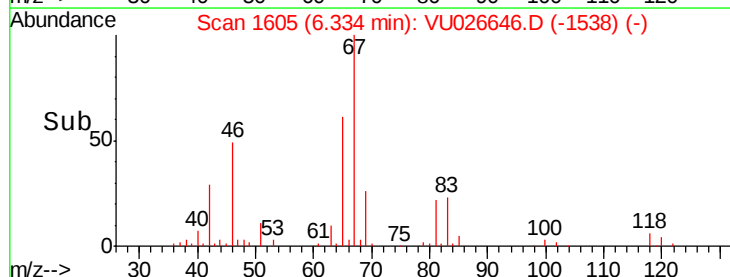
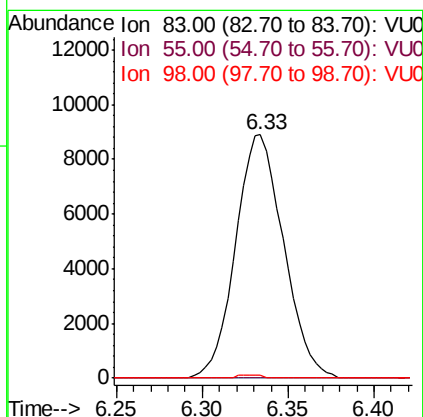
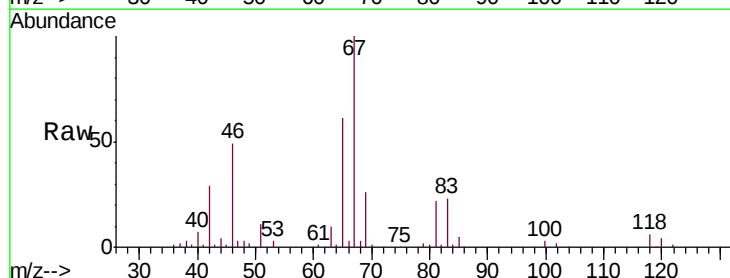
Instrument :
MSVOA_U
ClientSampled :
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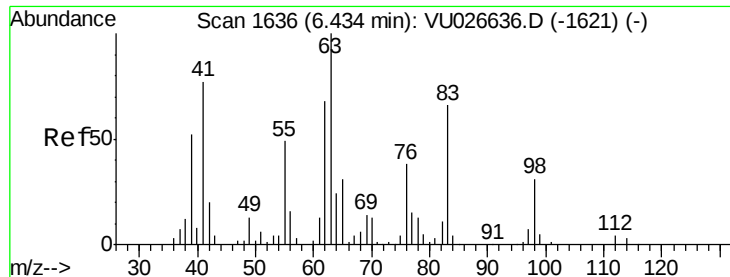
Tgt Ion: 83 Resp: 3162
Ion Ratio Lower Upper
83 100
85 84.8 45.6 84.6#



#35
Methylcyclohexane
Concen: 8.933 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026646.D
Acq: 10 Sep 2018 13:28

Tgt Ion: 83 Resp: 17290
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.2 37.0 55.4#

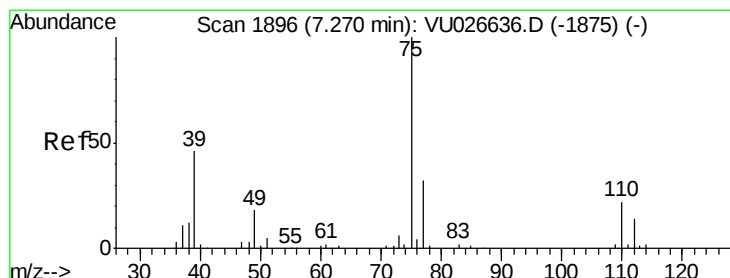
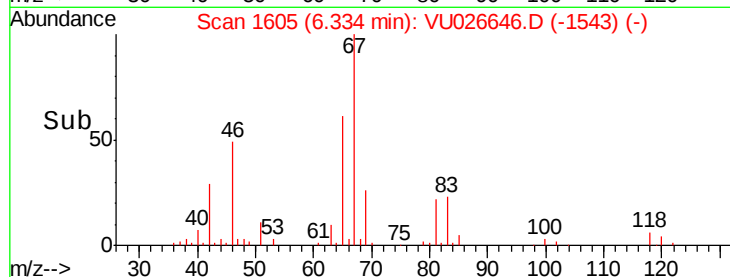
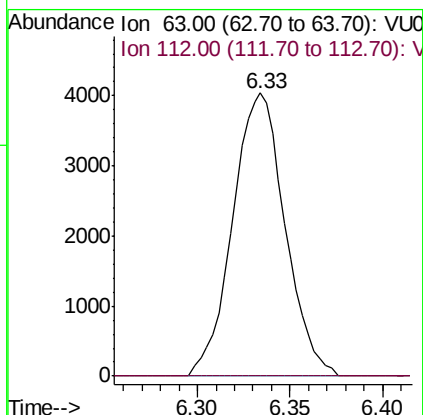
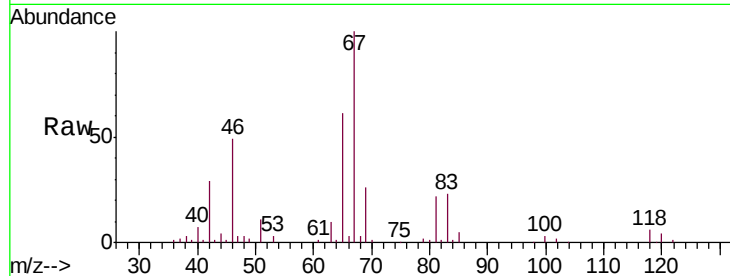




#37
 1,2-Dichloropropane
 Concen: 5.817 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026646.D
 Acq: 10 Sep 2018 13:28

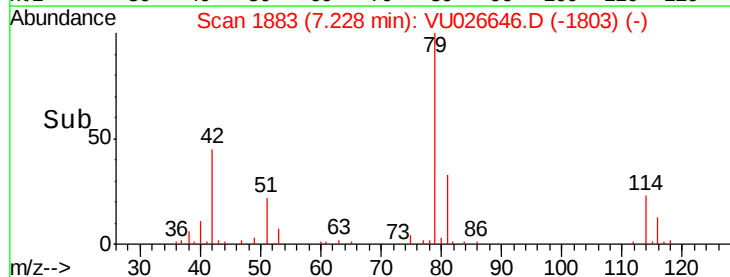
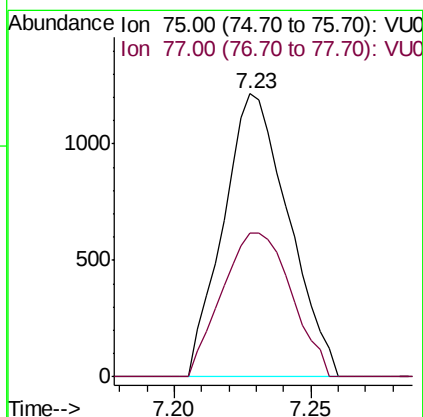
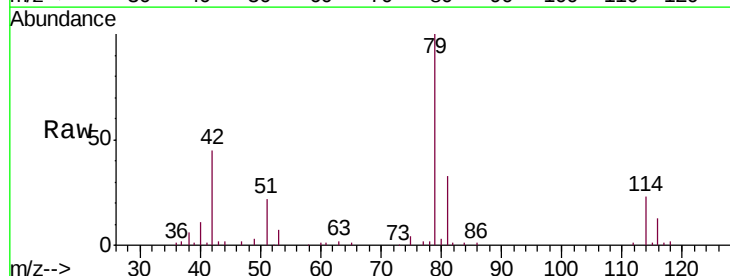
Instrument :
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 ClientSampleId :
 C08T3

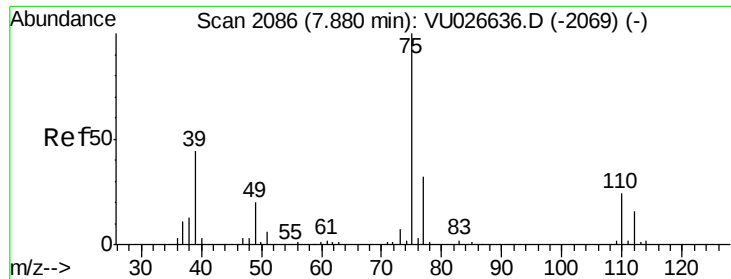
Tgt Ion: 63 Resp: 7906
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.005 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026646.D
 Acq: 10 Sep 2018 13:28

Tgt Ion: 75 Resp: 2021
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.712 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026646.D

Acq: 10 Sep 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

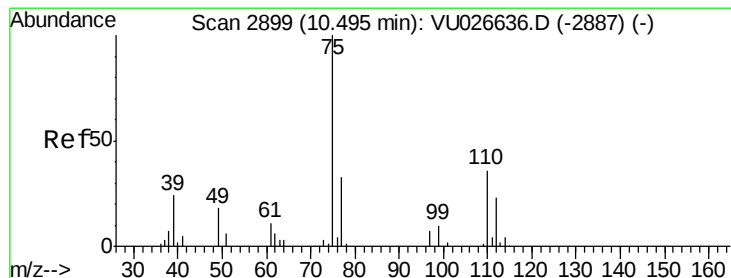
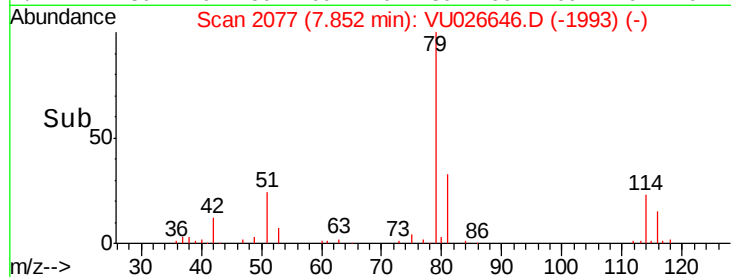
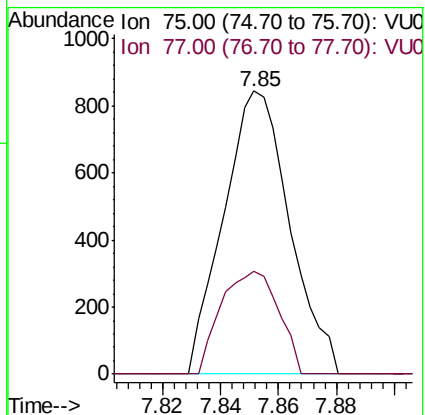
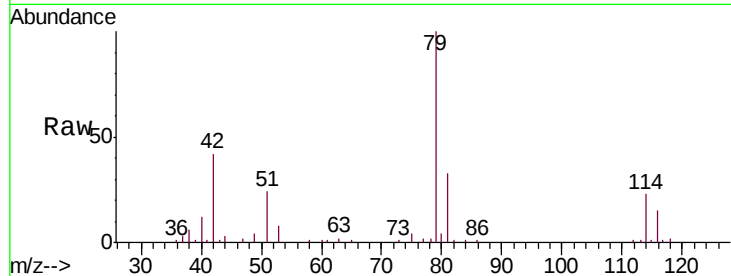
C08T3

Tgt Ion: 75 Resp: 1332

Ion Ratio Lower Upper

75 100

77 36.2 22.4 41.6



#59

1,2,3-Trichloropropane

Concen: 5.435 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026646.D

Acq: 10 Sep 2018 13:28

Tgt Ion: 75 Resp: 8740

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6

