

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026715.D
 Acq On : 12 Sep 2018 20:31
 Operator : MD/SY
 Sample : J4868-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q4

Quant Time: Sep 13 03:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195650	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78657	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55424	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.02%
7) Chloroethane-d5	1.68	69	49780	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.74%
11) 1,1-Dichloroethene-d2	2.27	63	81739	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	4.18	46	107226	118.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.18%
24) Chloroform-d	4.65	84	112628	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.31	65	75604	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
32) Benzene-d6	5.34	84	220985	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
36) 1,2-Dichloropropane-d6	6.33	67	78465	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.57	98	197707	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.85	79	32932	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.31	63	76180	119.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111171	51.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	78061	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%

Target Compounds

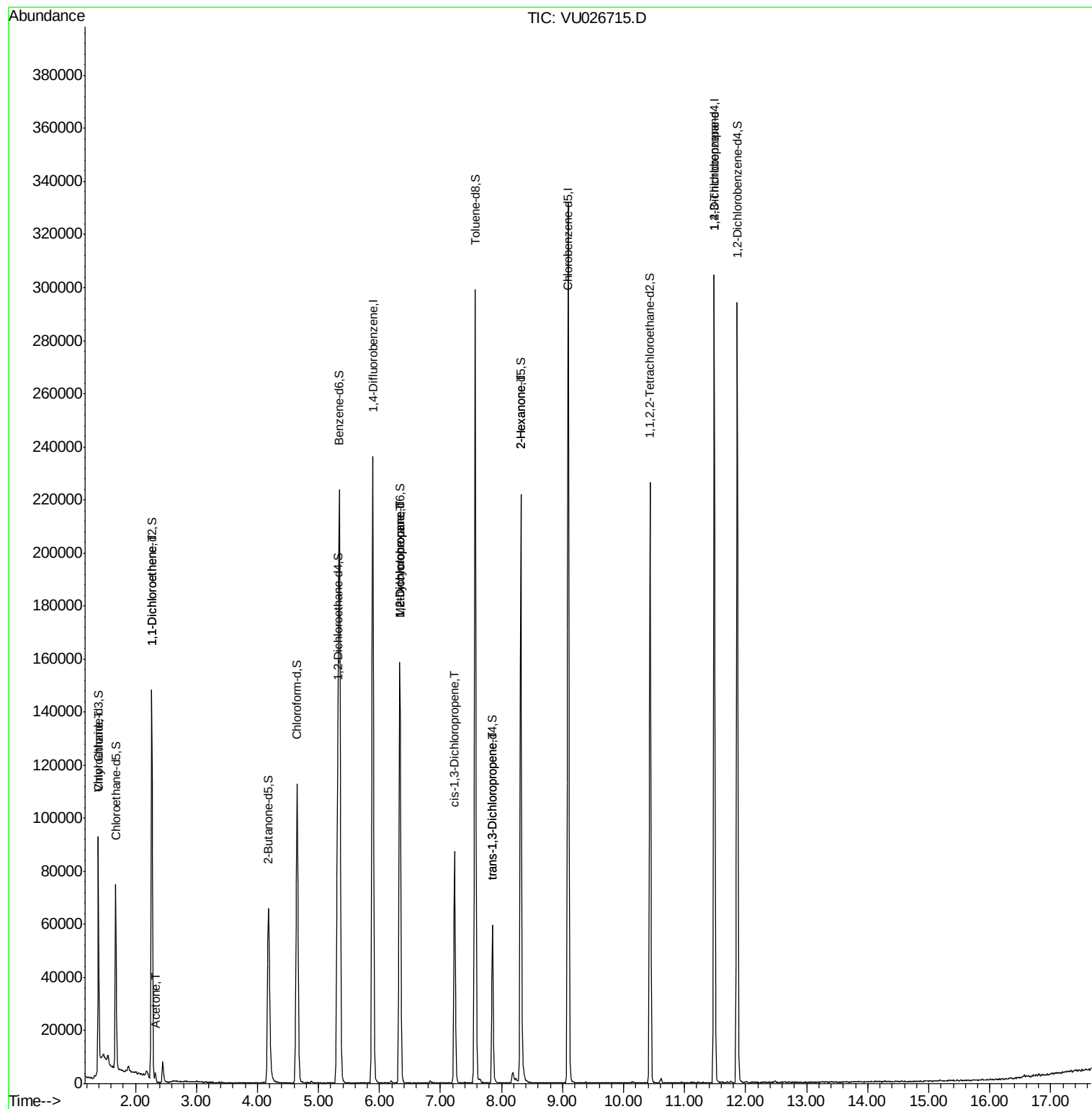
					Qvalue
8) Chloroethane	1.40	64	5210	5.022 ug/L	98
12) 1,1-Dichloroethene	2.27	96	729	0.632 ug/L #	1
13) Acetone	2.32	43	2283	2.209 ug/L	94
35) Methylcyclohexane	6.33	83	17430	8.671 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8296	5.878 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2030	0.972 ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	1361	0.700 ug/L #	80
48) 2-Hexanone	8.31	43	9217	6.063 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	8998	5.388 ug/L	90

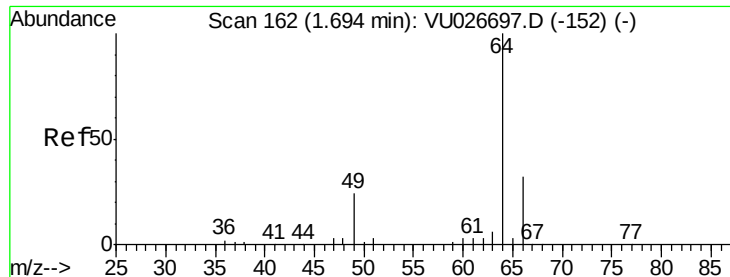
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 5.022 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.30 min

Lab File: VU026715.D

Acq: 12 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampled :

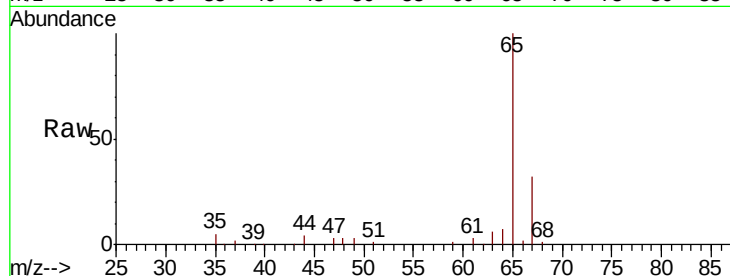
DB3Q4

Tgt Ion: 64 Resp: 5210

Ion Ratio Lower Upper

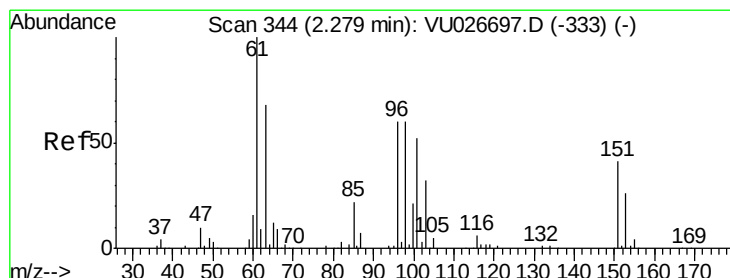
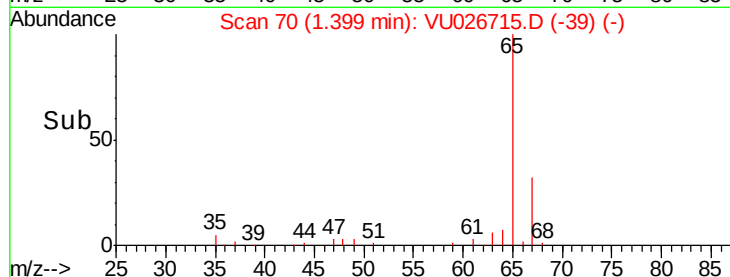
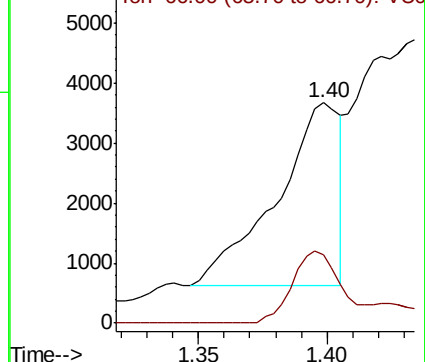
64 100

66 31.0 22.4 41.6



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#12

1,1-Dichloroethene

Concen: 0.632 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026715.D

Acq: 12 Sep 2018 20:31

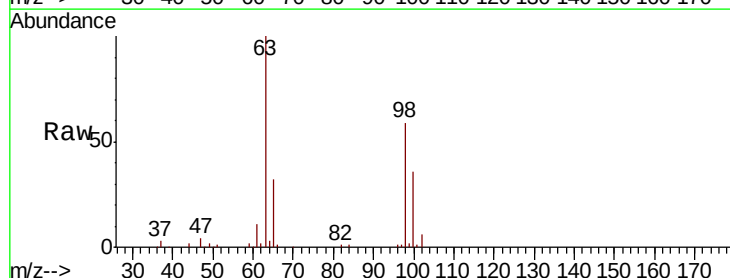
Tgt Ion: 96 Resp: 729

Ion Ratio Lower Upper

96 100

61 1277.1 121.0 224.8#

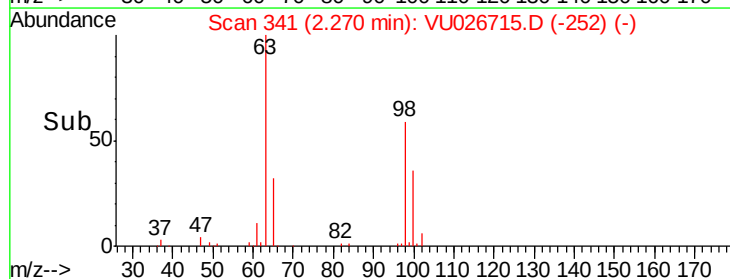
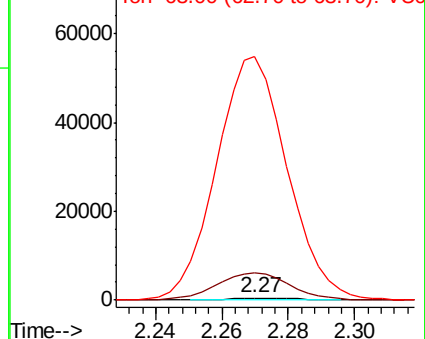
63 11305.6 89.9 166.9#

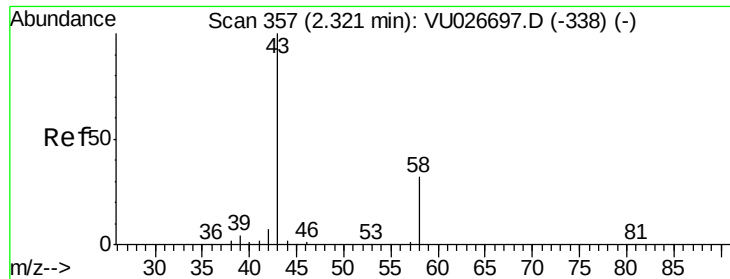


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.209 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026715.D

Acq: 12 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

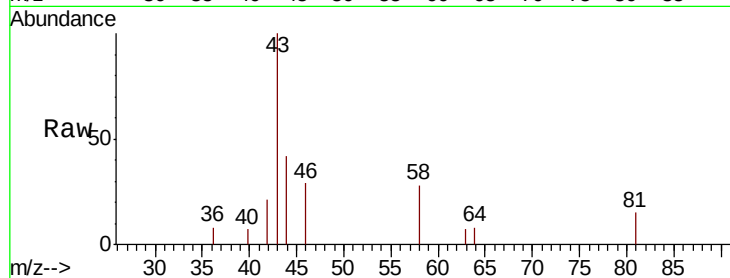
DB3Q4

Tgt Ion: 43 Resp: 2283

Ion Ratio Lower Upper

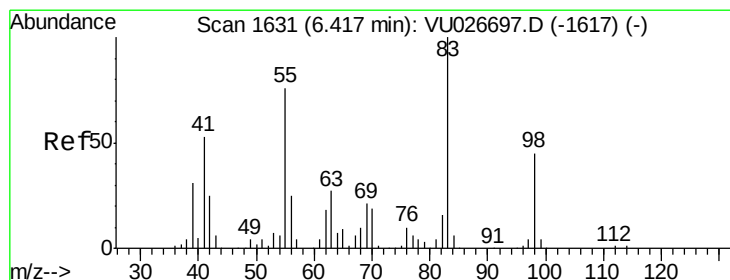
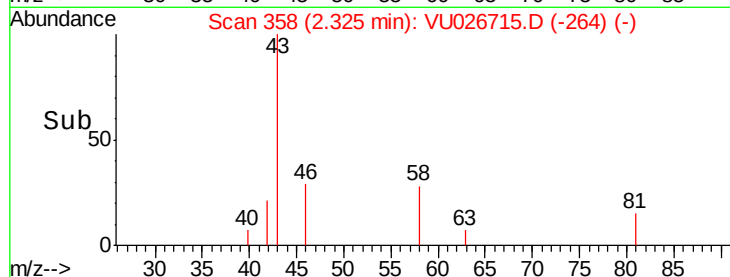
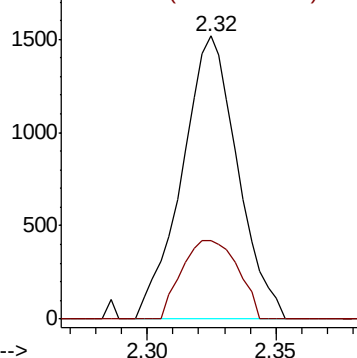
43 100

58 27.9 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: 8.671 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026715.D

Acq: 12 Sep 2018 20:31

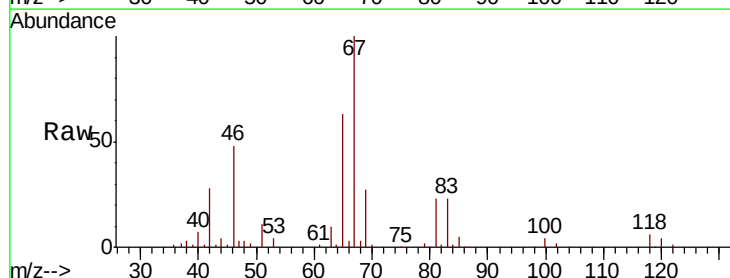
Tgt Ion: 83 Resp: 17430

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

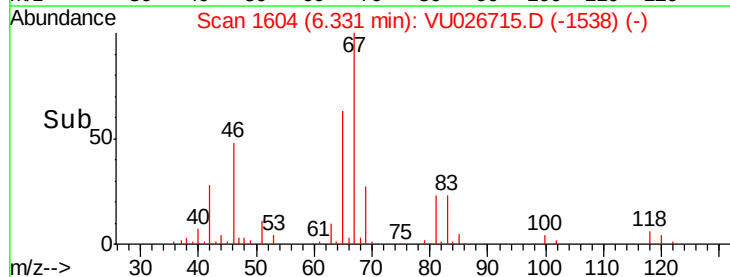
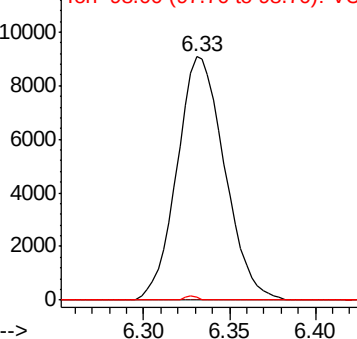
98 0.4 37.0 55.4#

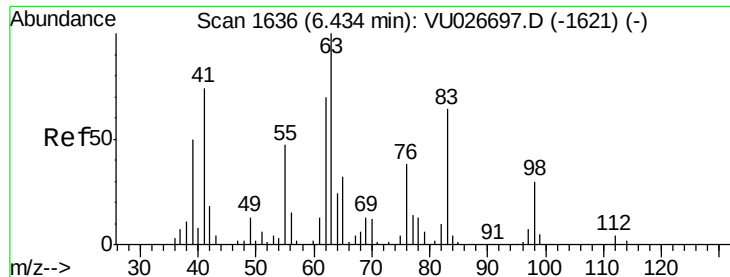


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

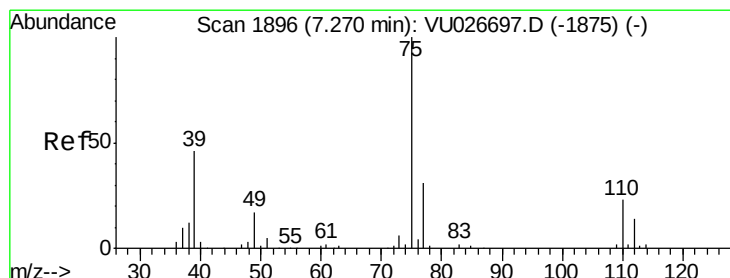
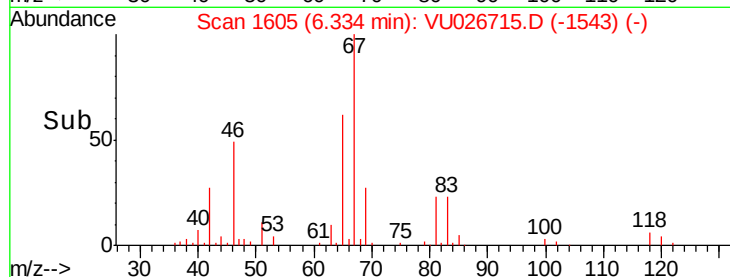
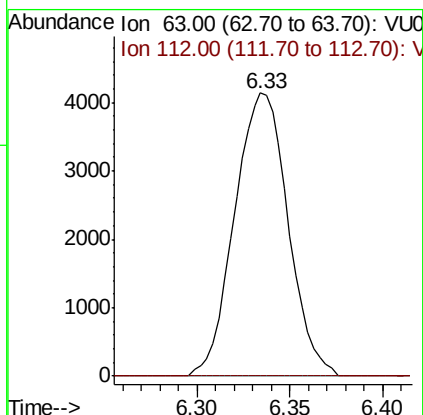
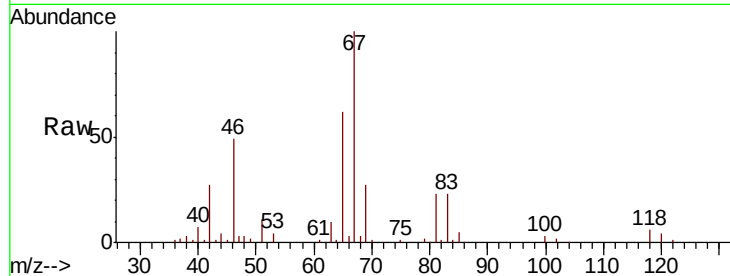




#37
 1,2-Dichloropropane
 Concen: 5.878 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026715.D
 Acq: 12 Sep 2018 20:31

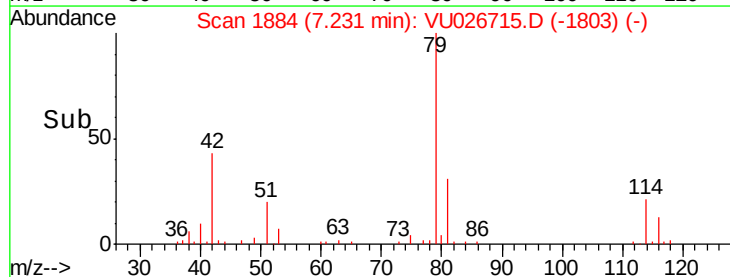
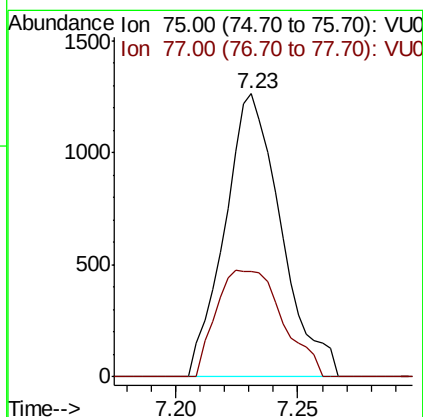
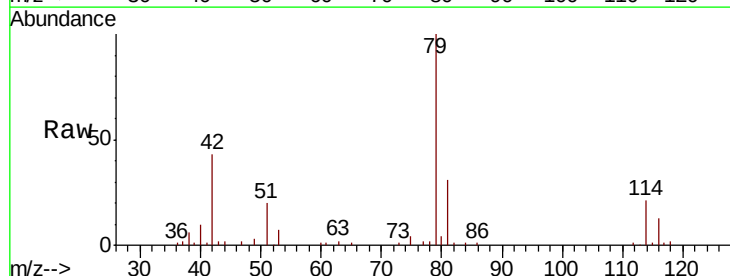
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 MSVOA_U
 ClientSampleId :
 DB3Q4

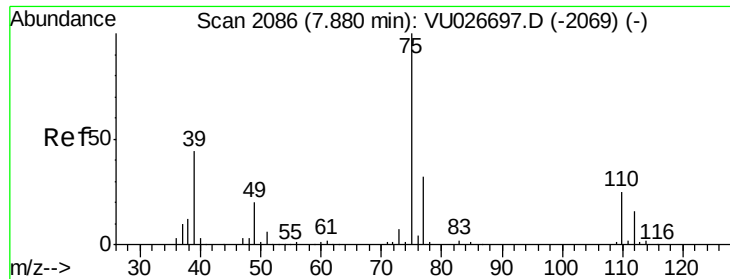
Tgt Ion: 63 Resp: 8296
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.972 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026715.D
 Acq: 12 Sep 2018 20:31

Tgt Ion: 75 Resp: 2030
 Ion Ratio Lower Upper
 75 100
 77 37.2 22.3 41.3

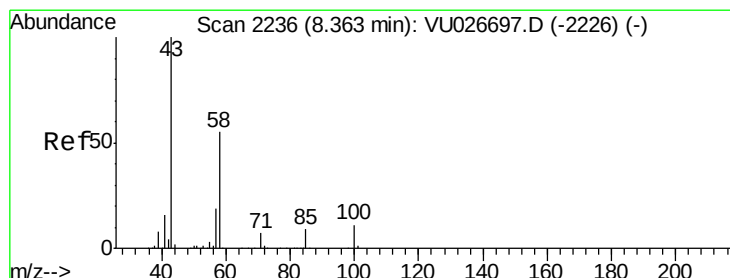
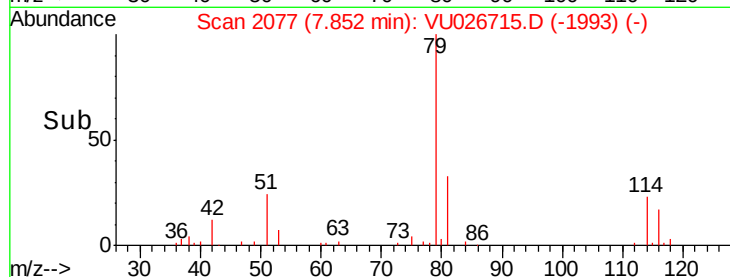
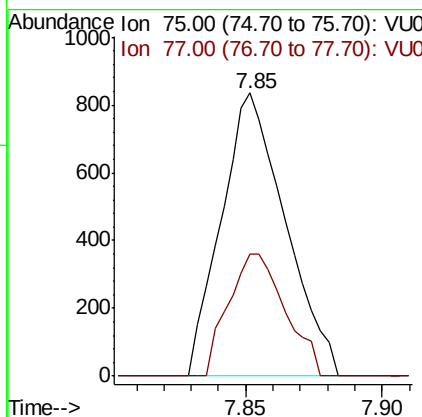
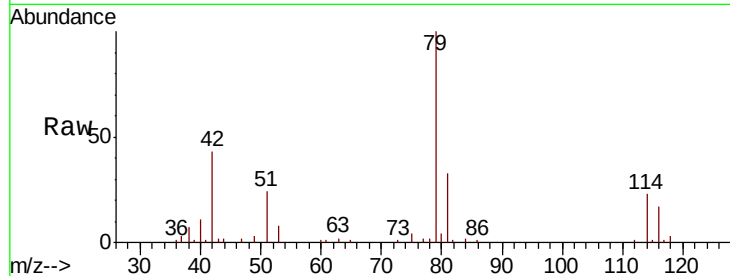




#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026715.D
Acq: 12 Sep 2018 20:31

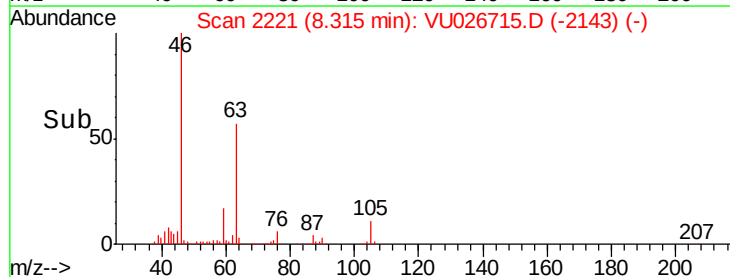
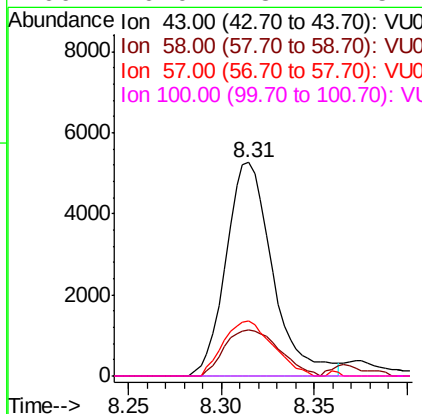
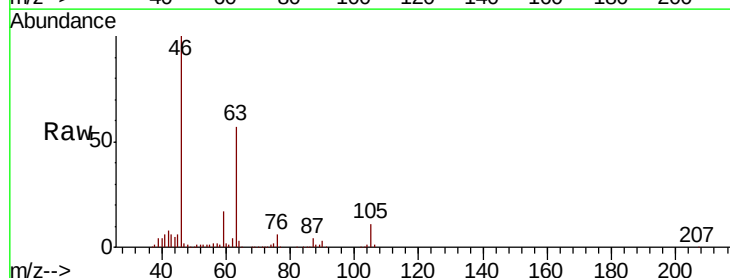
Instrument :
MSVOA_U
ClientSampleId :
DB3Q4

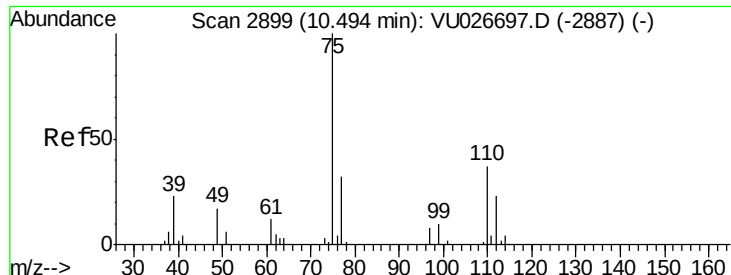
Tgt Ion: 75 Resp: 1361
Ion Ratio Lower Upper
75 100
77 43.4 22.4 41.6#



#48
2-Hexanone
Concen: 6.063 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026715.D
Acq: 12 Sep 2018 20:31

Tgt Ion: 43 Resp: 9217
Ion Ratio Lower Upper
43 100
58 25.3 42.2 63.4#
57 27.1 14.4 21.6#
100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.388 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026715.D

Acq: 12 Sep 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

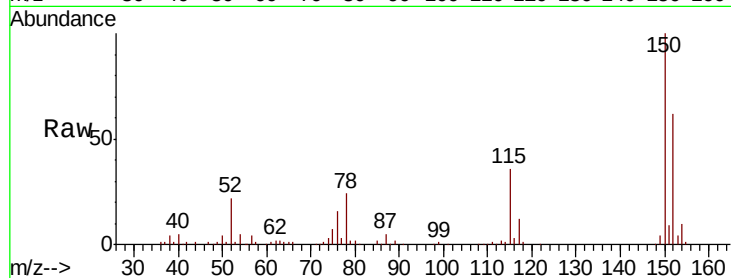
DB3Q4

Tgt Ion: 75 Resp: 8998

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

