

Data File : VU028773.D
Acq On : 18 Dec 2018 16:34
Operator : MD/SY
Sample : J6471-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Dec 19 00:42:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	184230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170389	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79362	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.26%
7) Chloroethane-d5	1.67	69	61856	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.92%
11) 1,1-Dichloroethene-d2	2.27	63	101096	33.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.64%
21) 2-Butanone-d5	4.17	46	120325	87.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.08%
24) Chloroform-d	4.65	84	123545	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.31	65	78326	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
32) Benzene-d6	5.34	84	271437	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.33	67	95290	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.60%
41) Toluene-d8	7.56	98	240749	49.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.12%
43) trans-1,3-Dichloropropene-	7.85	79	41202	47.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.18%
47) 2-Hexanone-d5	8.31	63	95831	103.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124065	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	84401	57.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.12%

Target Compounds

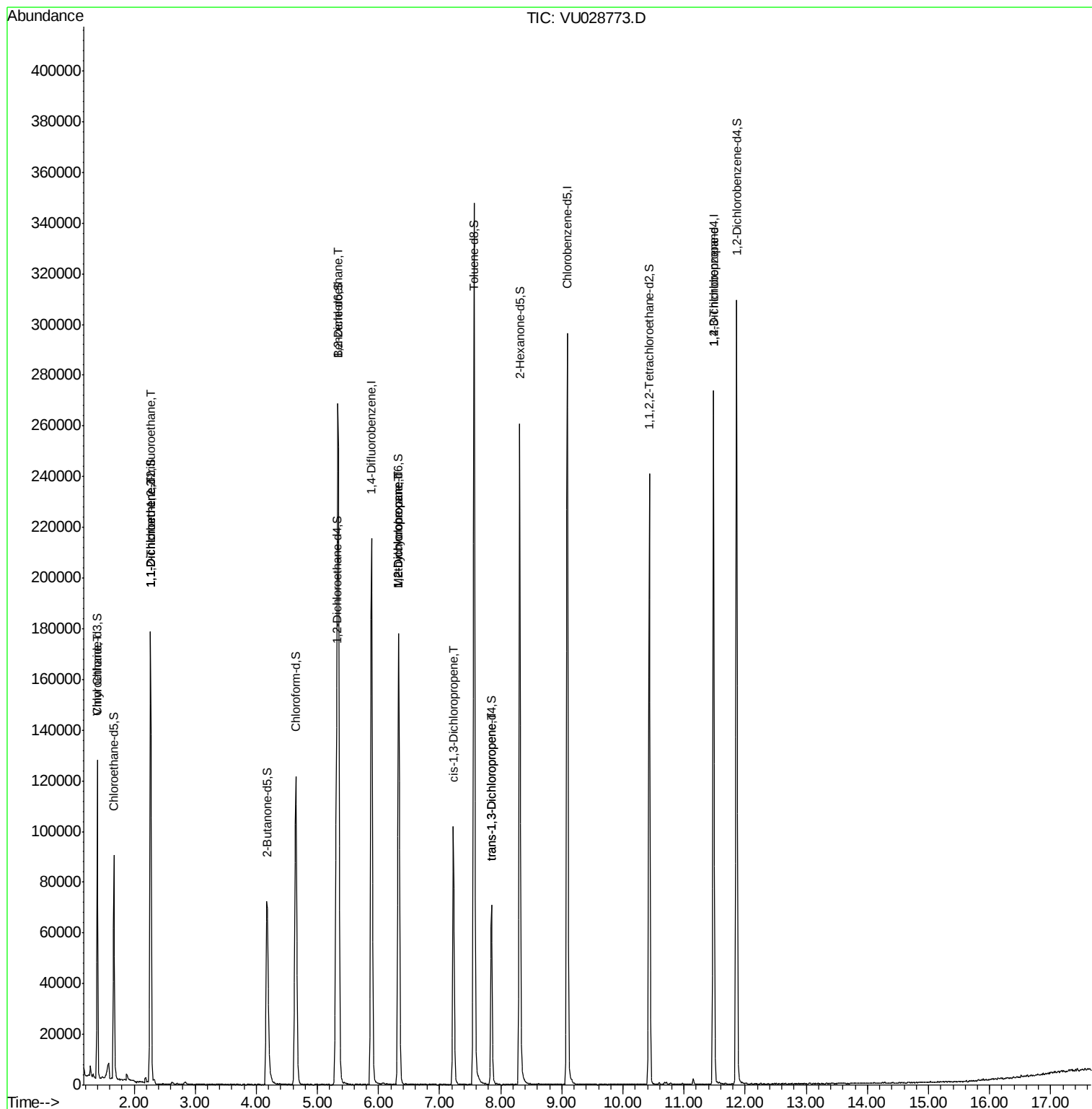
					Qvalue
8) Chloroethane	1.40	64	1109	0.948 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	859	0.671 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	773	0.637 ug/L #	1
27) 1,2-Dichloroethane	5.34	62	1343	0.591 ug/L #	76
35) Methylcyclohexane	6.33	83	19857	7.978 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8800	4.843 ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	2155	0.836 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	1335	0.561 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	9042	4.404 ug/L	98

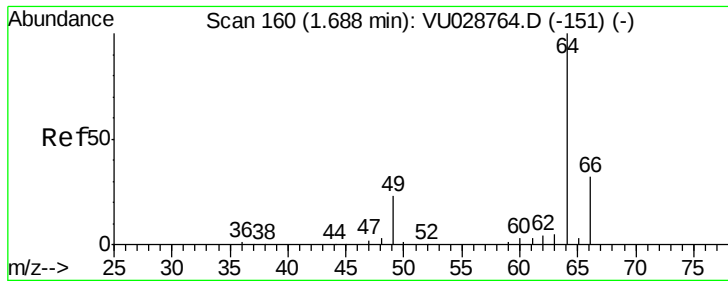
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.948 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028773.D

Acq: 18 Dec 2018 16:34

Instrument :

MSVOA_U

ClientSampled :

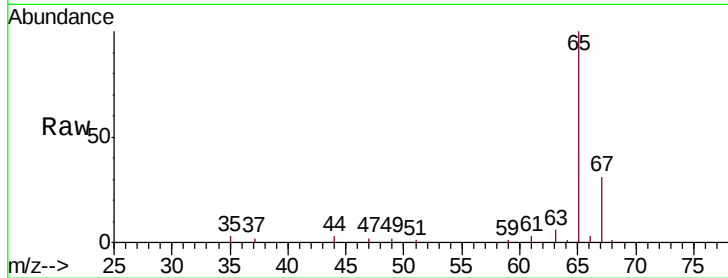
VHBLK02

Tgt Ion: 64 Resp: 1109

Ion Ratio Lower Upper

64 100

66 212.4 22.4 41.6#

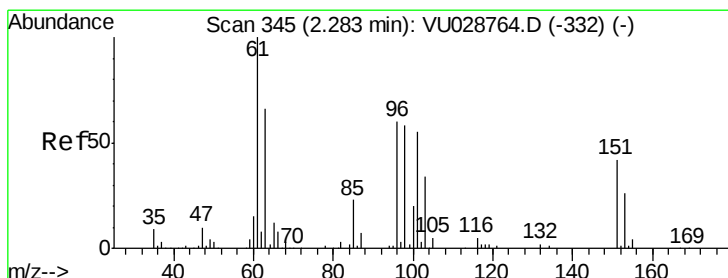
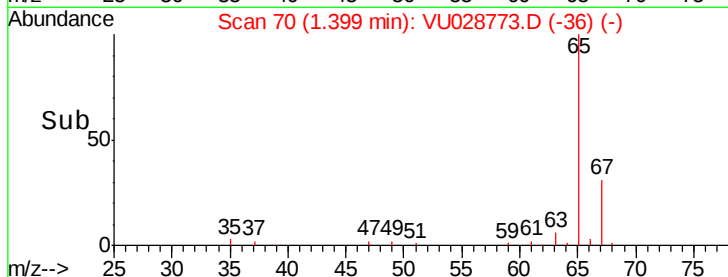


Abundance Ion 64.00 (63.70 to 64.70): VU028764.D (-151) (-)

Ion 66.00 (65.70 to 66.70): VU028764.D (-151) (-)

Time-->

1.40



#10

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

Concen: 0.671 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU028773.D

Acq: 18 Dec 2018 16:34

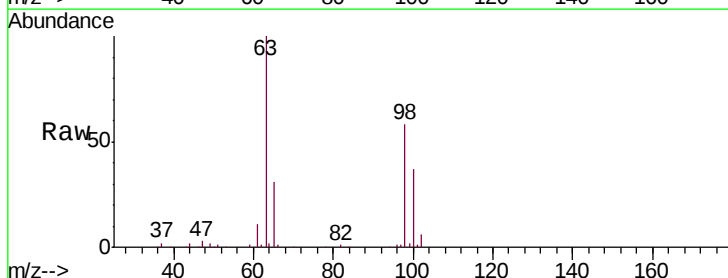
Tgt Ion: 101 Resp: 859

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 55.8 83.8#



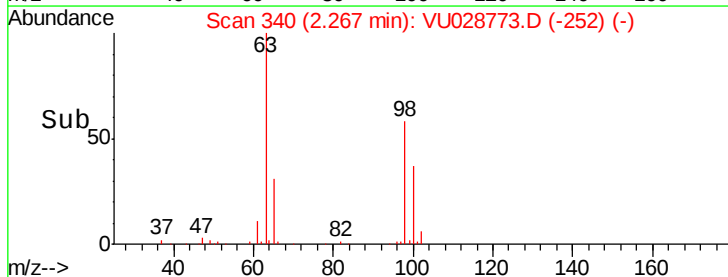
Abundance Ion 101.00 (100.70 to 101.70): VU028764.D (-332) (-)

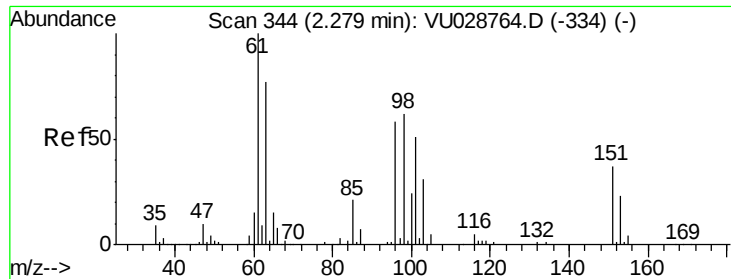
Ion 85.00 (84.70 to 85.70): VU028764.D (-332) (-)

Ion 151.00 (150.70 to 151.70): VU028764.D (-332) (-)

Time-->

2.27

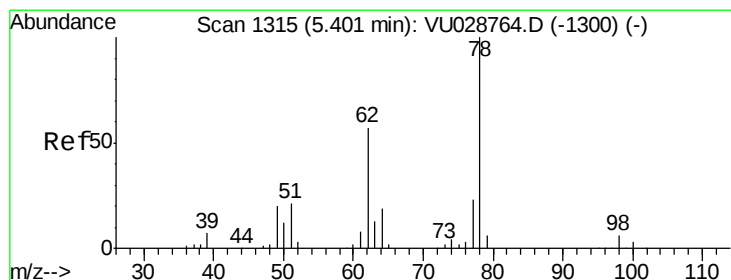
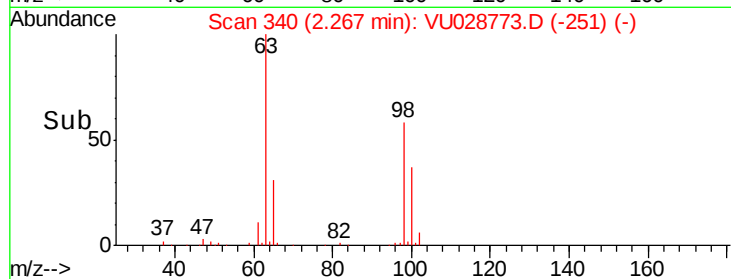
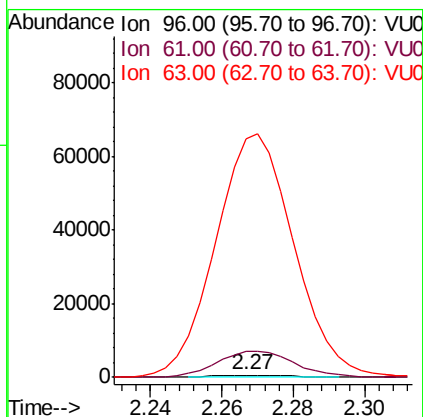
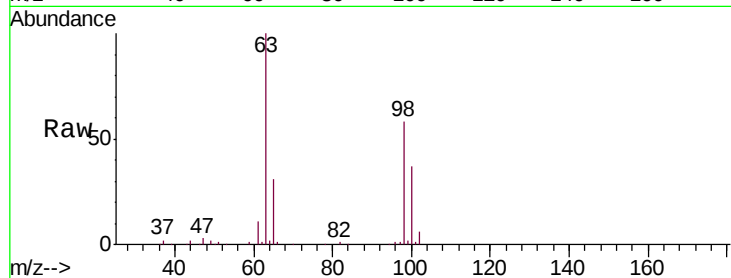




#12
 1,1-Dichloroethene
 Concen: 0.637 ug/L
 RT: 2.27 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VU028773.D
 Acq: 18 Dec 2018 16:34

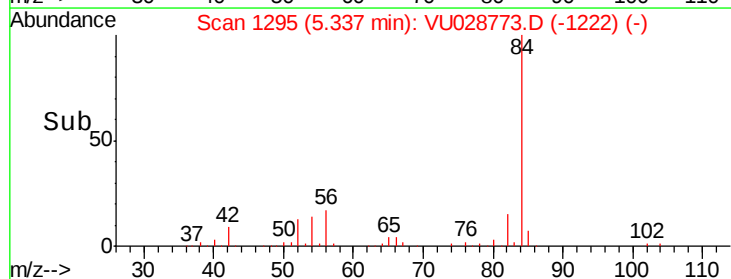
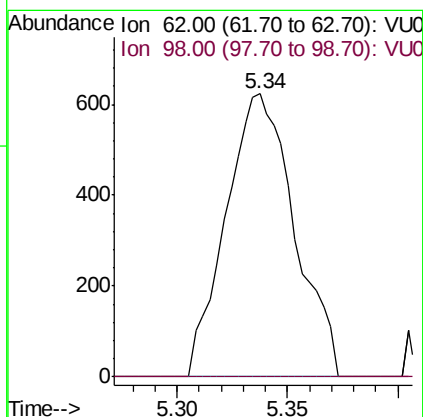
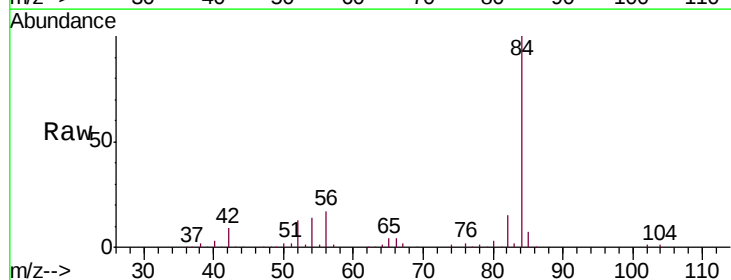
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

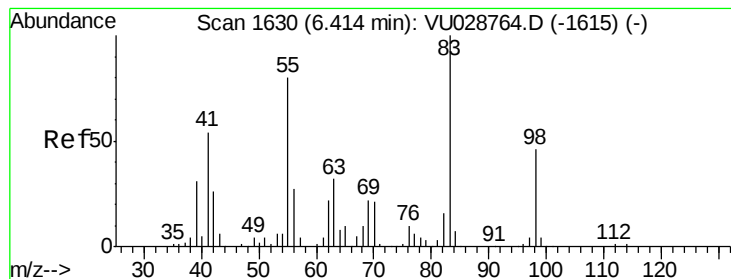
Tgt Ion: 96 Resp: 773
 Ion Ratio Lower Upper
 96 100
 61 1516.9 143.2 266.0#
 63 14028.6 130.1 241.7#



#27
 1,2-Dichloroethane
 Concen: 0.591 ug/L
 RT: 5.34 min Scan# 1295
 Delta R.T. -0.06 min
 Lab File: VU028773.D
 Acq: 18 Dec 2018 16:34

Tgt Ion: 62 Resp: 1343
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#





#35

Methylcyclohexane

Concen: 7.978 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.09 min

Lab File: VU028773.D

Acq: 18 Dec 2018 16:34

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

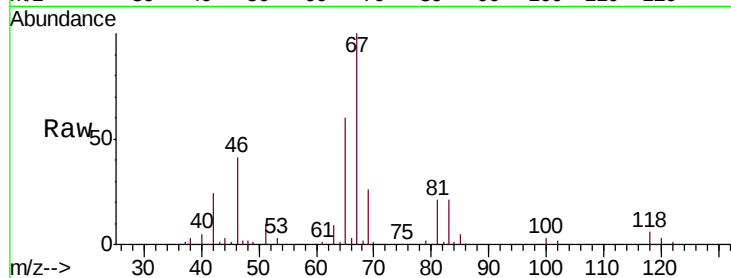
Tgt Ion: 83 Resp: 19857

Ion Ratio Lower Upper

83 100

55 0.0 70.1 105.1#

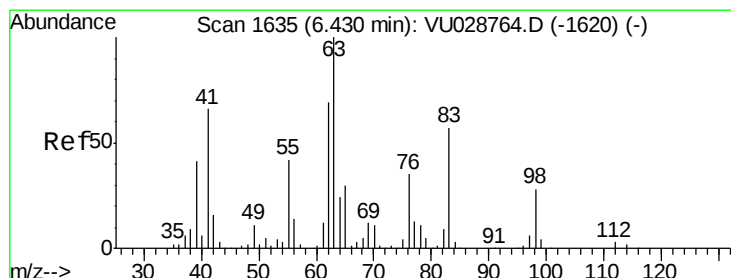
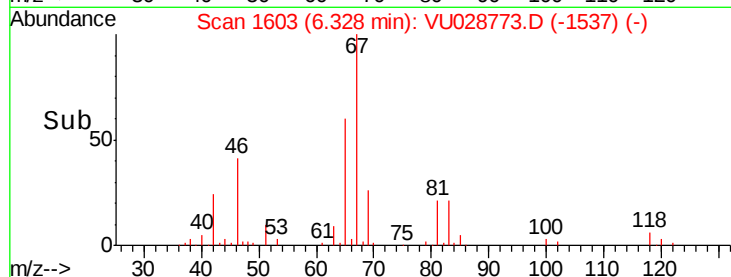
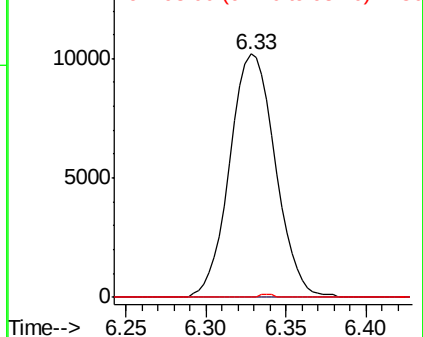
98 0.4 34.4 51.6#



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: 4.843 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028773.D

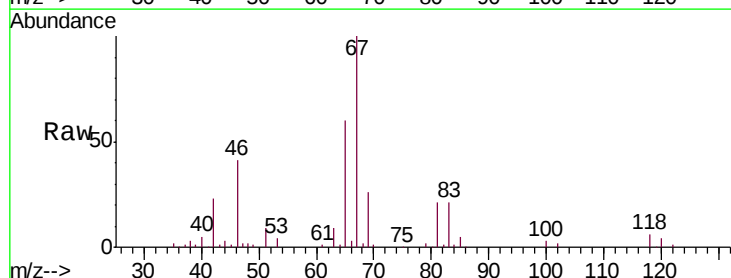
Acq: 18 Dec 2018 16:34

Tgt Ion: 63 Resp: 8800

Ion Ratio Lower Upper

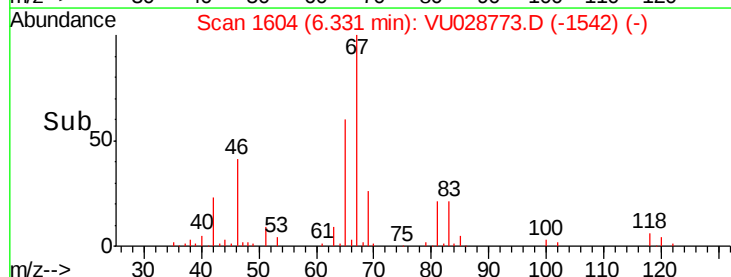
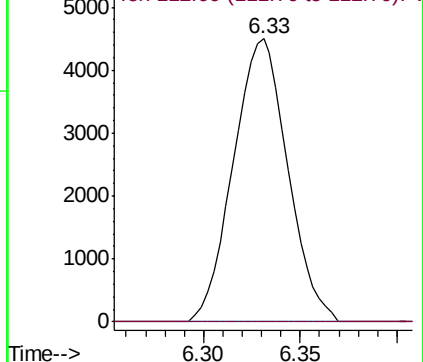
63 100

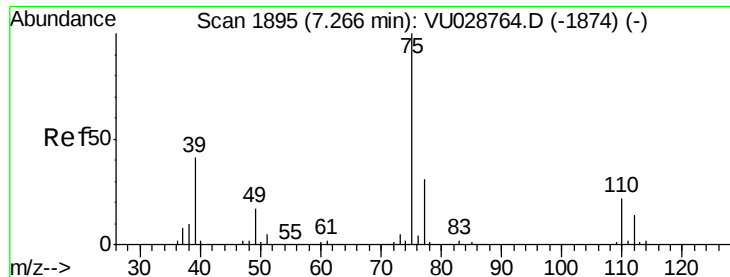
112 0.0 2.4 3.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



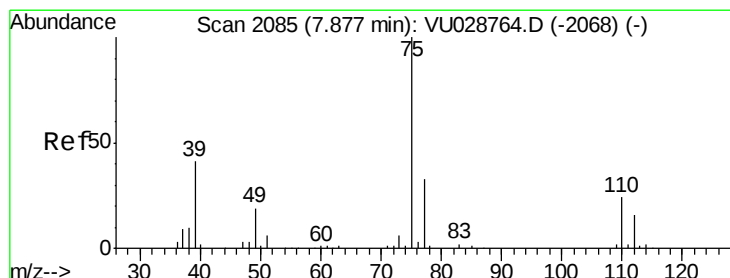
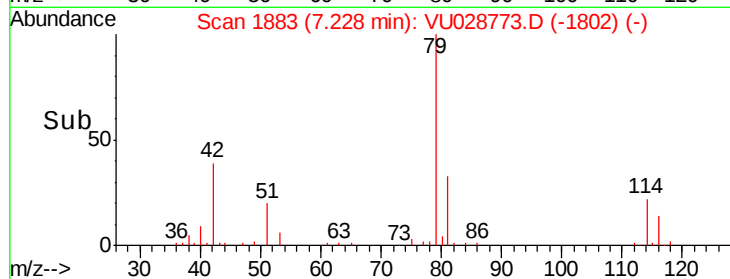
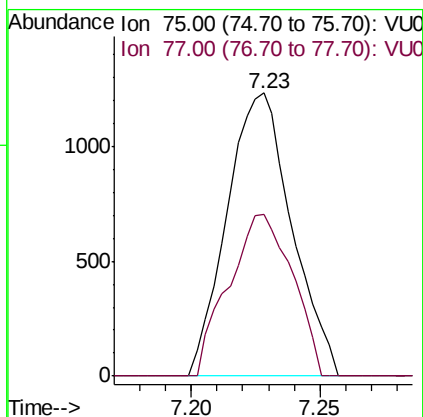
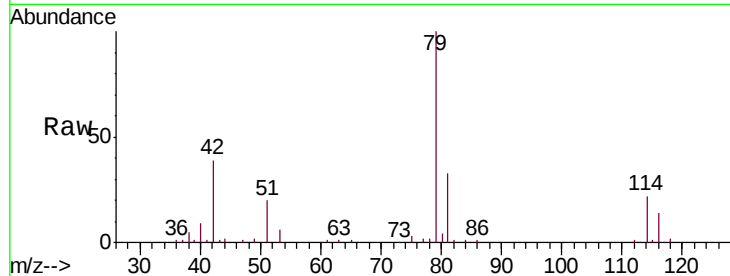


#39

cis-1,3-Dichloropropene
Concen: 0.836 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028773.D
Acq: 18 Dec 2018 16:34

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

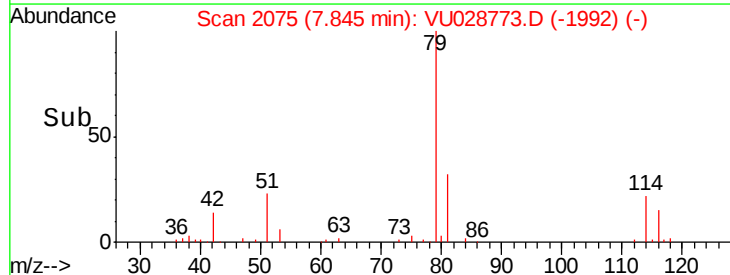
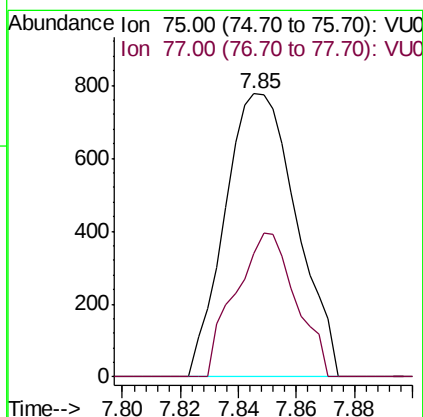
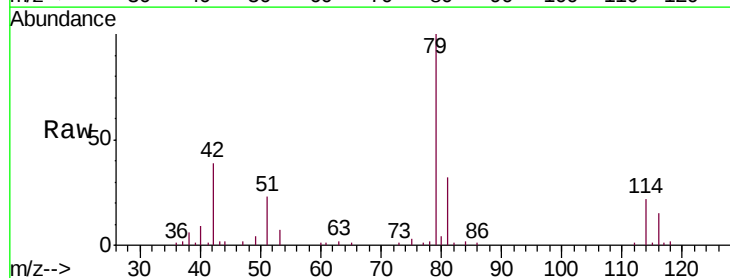
Tgt Ion: 75 Resp: 2155
Ion Ratio Lower Upper
75 100
77 57.2 21.8 40.6#

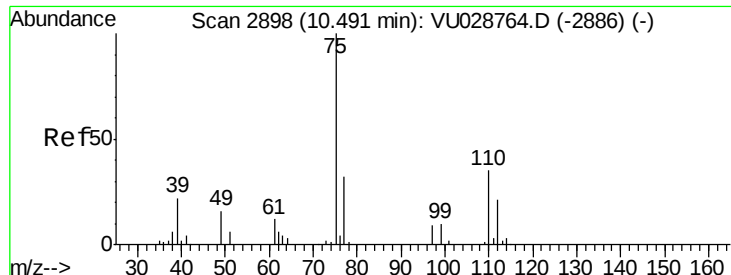


#44

trans-1,3-Dichloropropene
Concen: 0.561 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028773.D
Acq: 18 Dec 2018 16:34

Tgt Ion: 75 Resp: 1335
Ion Ratio Lower Upper
75 100
77 43.6 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 4.404 ug/L

RT: 11.48 min Scan# 3205

Delta R.T. 0.99 min

Lab File: VU028773.D

Acq: 18 Dec 2018 16:34

Instrument :

MSVOA_U

ClientSampleId :

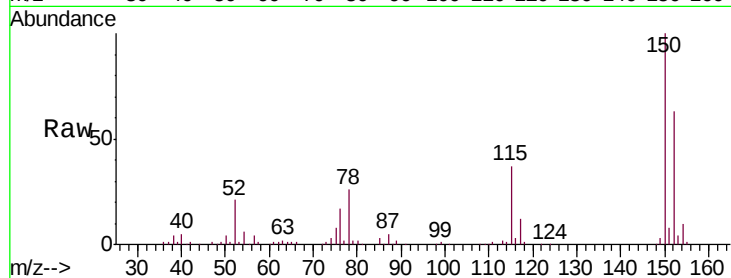
VHBLK02

Tgt Ion: 75 Resp: 9042

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

