

Data File : VU028775.D
Acq On : 18 Dec 2018 17:23
Operator : MD/SY
Sample : J6422-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0LD6

Quant Time: Dec 19 00:43:19 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	176441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69336	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77646	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.24%
7) Chloroethane-d5	1.67	69	58987	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.27	63	96029	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	4.17	46	116312	87.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.89%
24) Chloroform-d	4.65	84	118792	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
26) 1,2-Dichloroethane-d4	5.31	65	74552	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
32) Benzene-d6	5.34	84	262792	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.33	67	91716	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.56	98	235479	49.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.24%
43) trans-1,3-Dichloropropene-	7.85	79	39593	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.64%
47) 2-Hexanone-d5	8.31	63	92167	101.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120618	49.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	81357	57.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.66%

Target Compounds

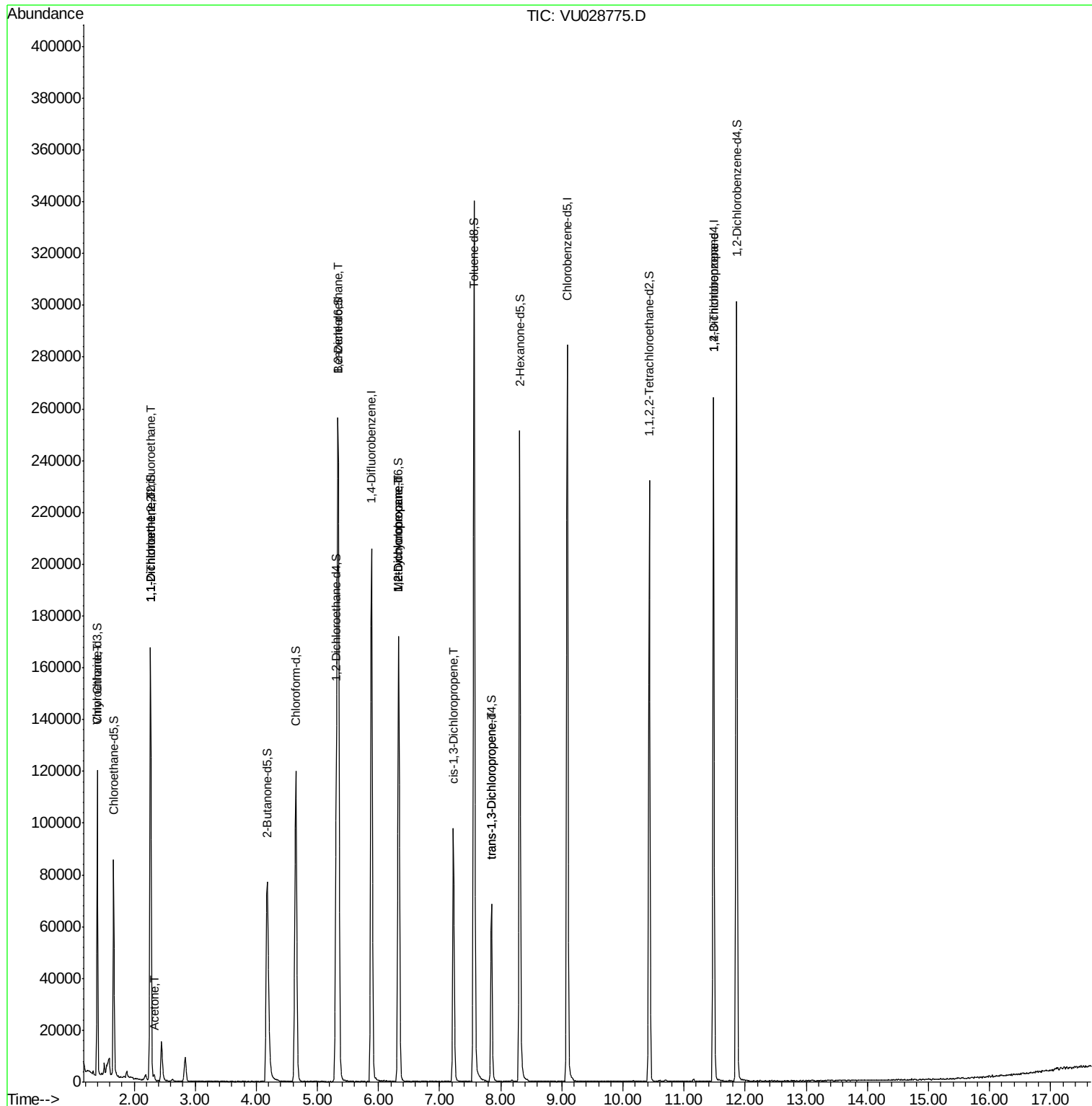
					Qvalue
8) Chloroethane	1.40	64	1029	0.918 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	874	0.713 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	643	0.553 ug/L #	1
13) Acetone	2.32	43	1311	0.886 ug/L	91
27) 1,2-Dichloroethane	5.34	62	1309	0.602 ug/L #	76
35) Methylcyclohexane	6.33	83	18990	7.811 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8574	4.831 ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	2114	0.839 ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	1355	0.583 ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	8606	4.292 ug/L	100

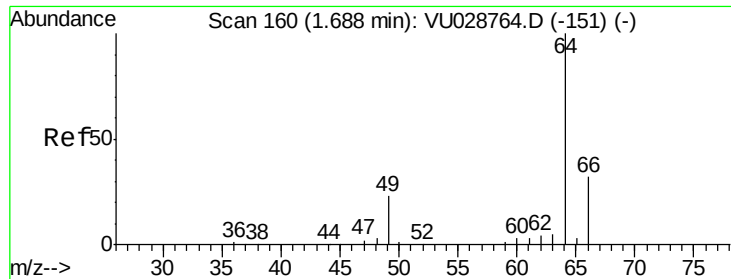
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.918 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028775.D

Acq: 18 Dec 2018 17:23

Instrument :

MSVOA_U

ClientSampleId :

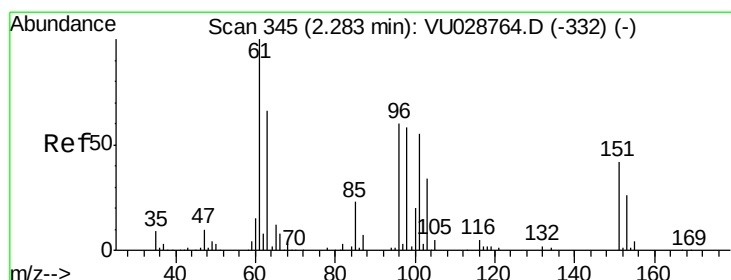
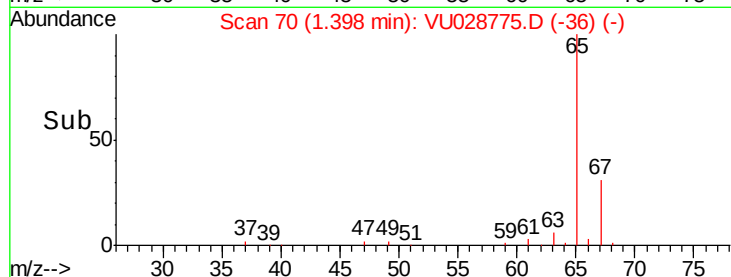
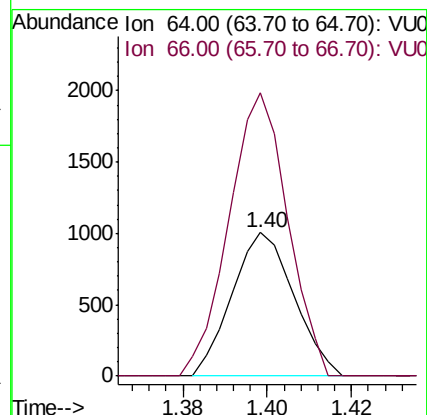
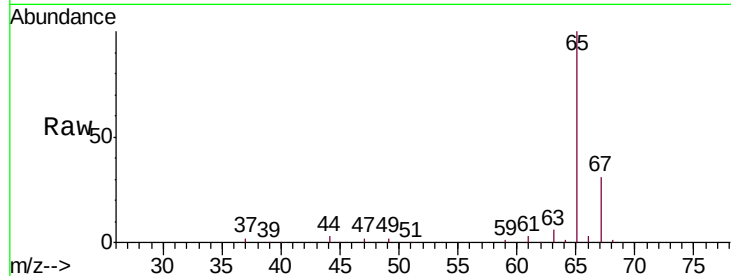
C0LD6

Tgt Ion: 64 Resp: 1029

Ion Ratio Lower Upper

64 100

66 197.4 22.4 41.6#



#10

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

Concen: 0.713 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU028775.D

Acq: 18 Dec 2018 17:23

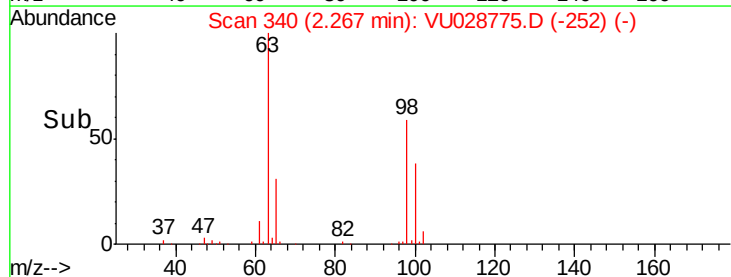
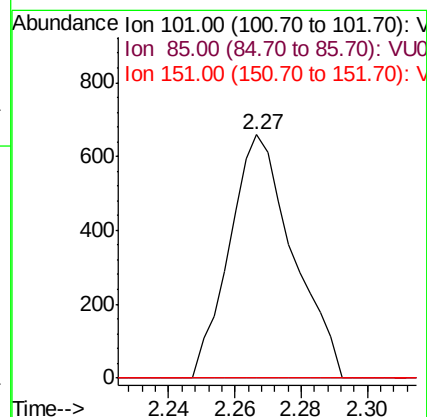
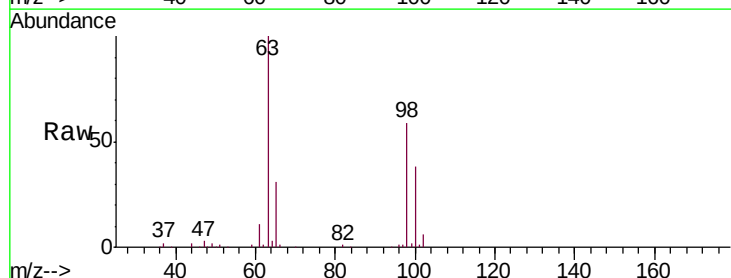
Tgt Ion: 101 Resp: 874

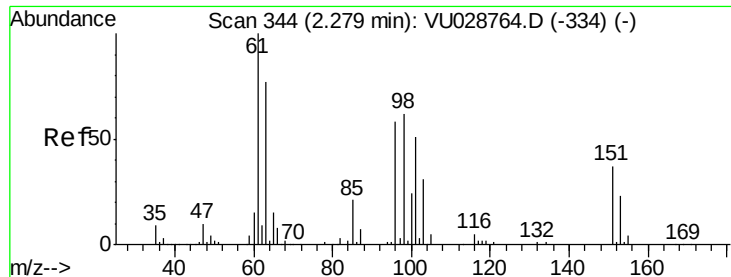
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 55.8 83.8#





#12

1,1-Dichloroethene

Concen: 0.553 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028775.D

Acq: 18 Dec 2018 17:23

Instrument :

MSVOA_U

ClientSampleId :

COLD6

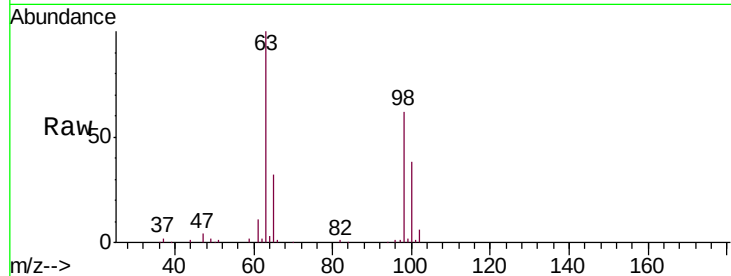
Tgt Ion: 96 Resp: 643

Ion Ratio Lower Upper

96 100

61 1392.4 143.2 266.0#

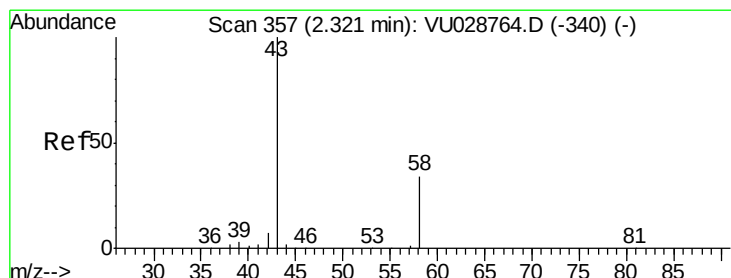
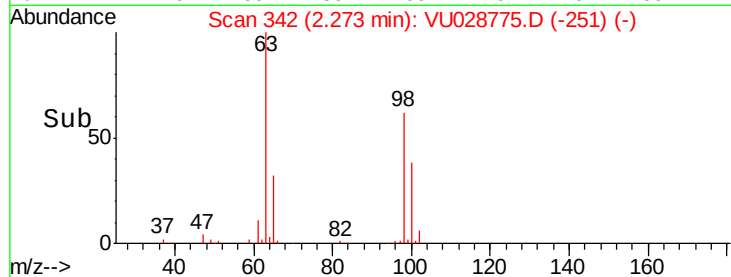
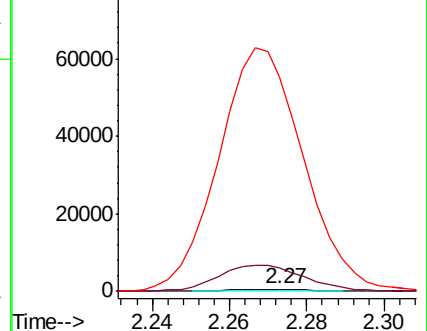
63 12684.1 130.1 241.7#



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: 0.886 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028775.D

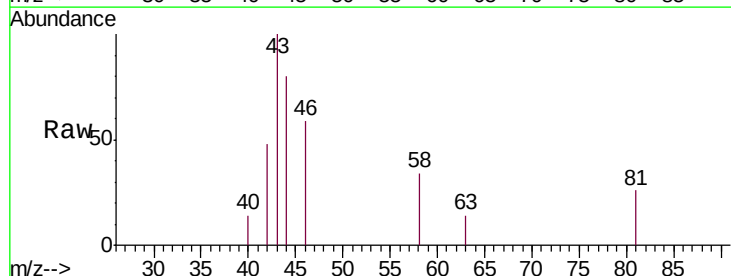
Acq: 18 Dec 2018 17:23

Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

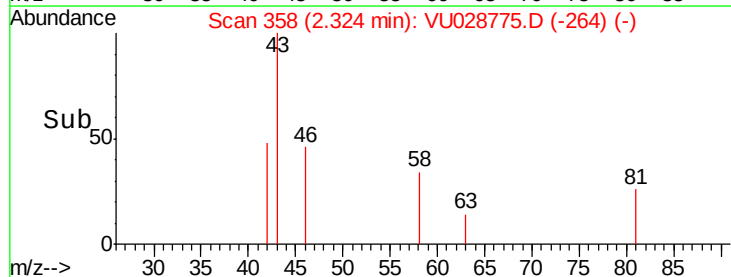
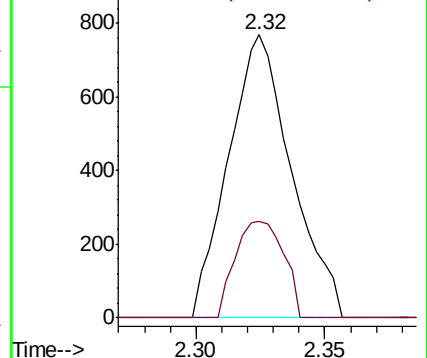
43 100

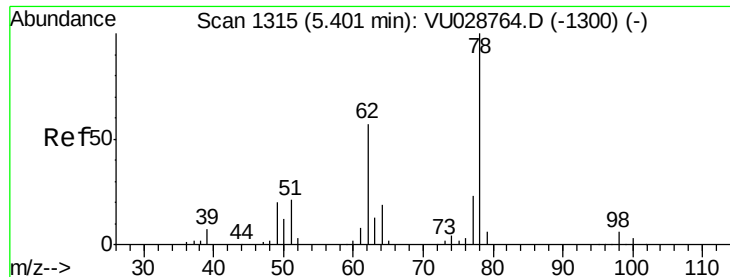
58 26.2 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

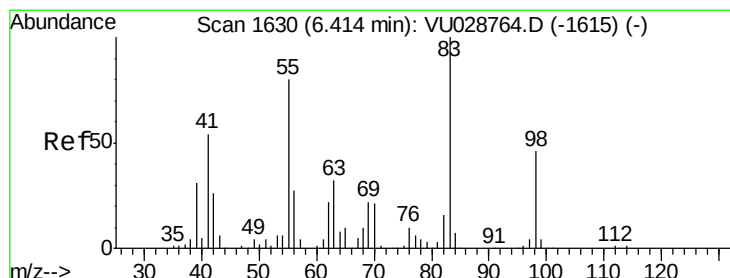
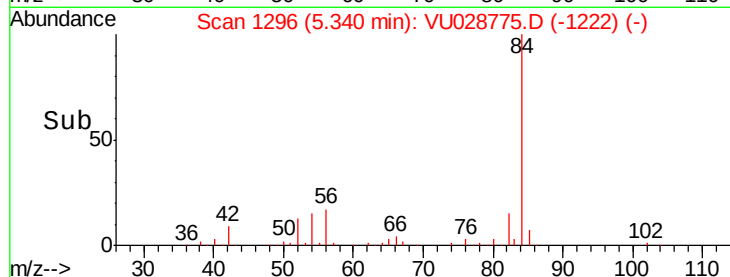
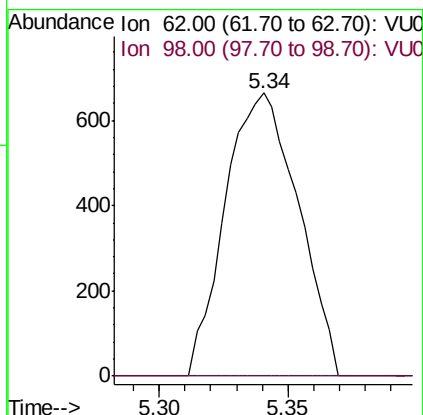
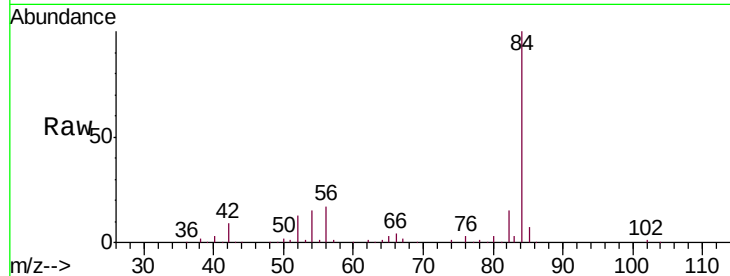




#27
 1,2-Dichloroethane
 Concen: 0.602 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: VU028775.D
 Acq: 18 Dec 2018 17:23

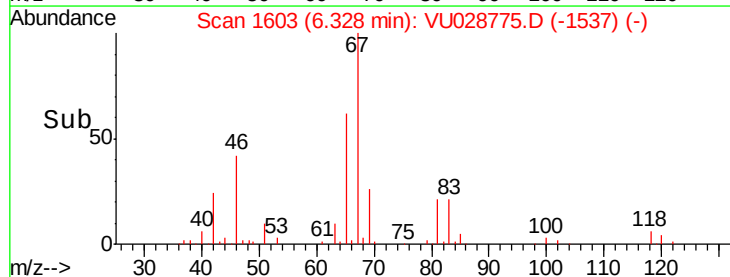
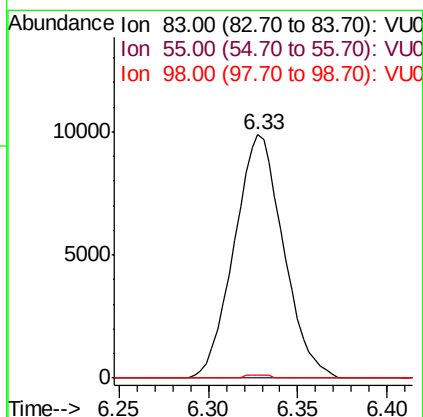
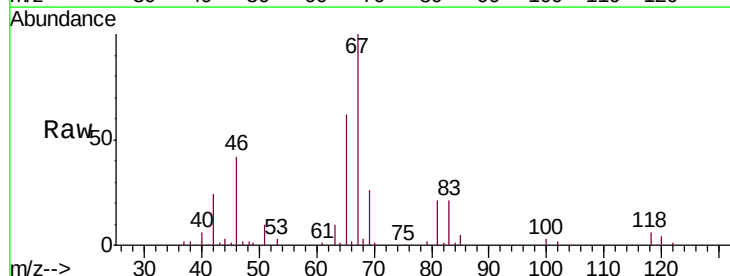
Instrument :
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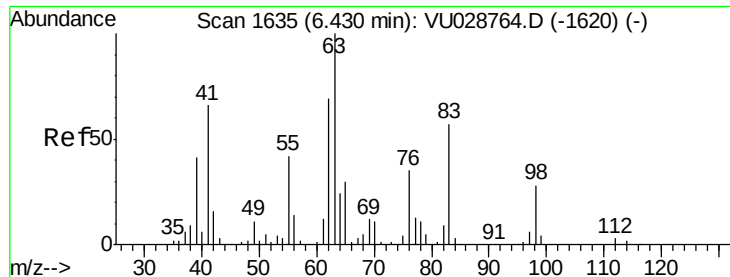
Tgt Ion: 62 Resp: 1309
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 7.811 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.09 min
 Lab File: VU028775.D
 Acq: 18 Dec 2018 17:23

Tgt Ion: 83 Resp: 18990
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.1 105.1#
 98 0.7 34.4 51.6#

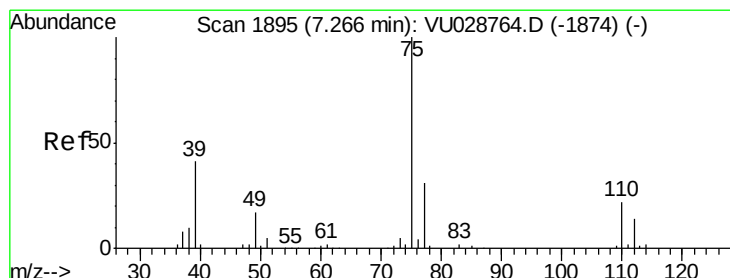
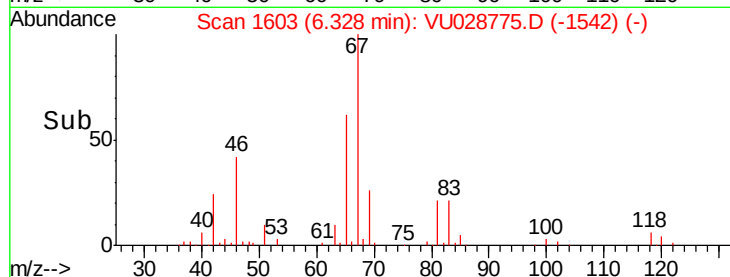
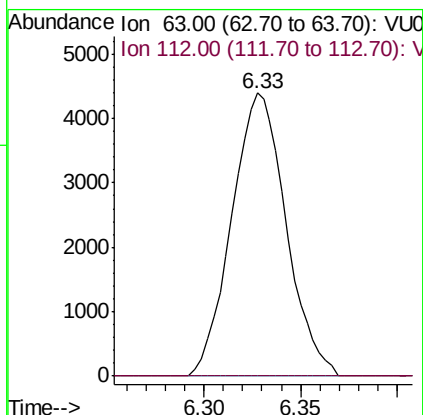
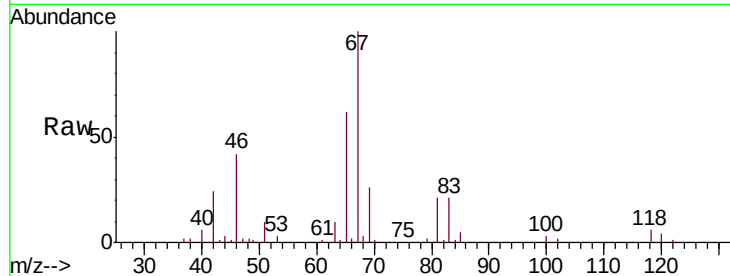




#37
 1,2-Dichloropropane
 Concen: 4.831 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028775.D
 Acq: 18 Dec 2018 17:23

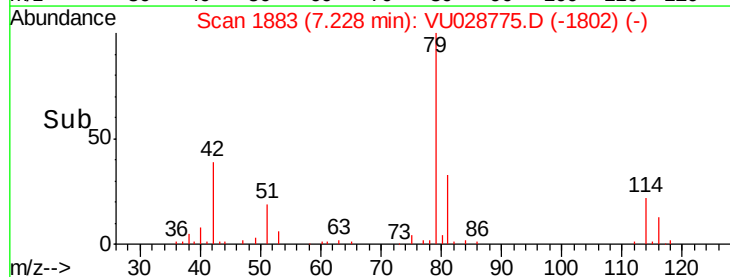
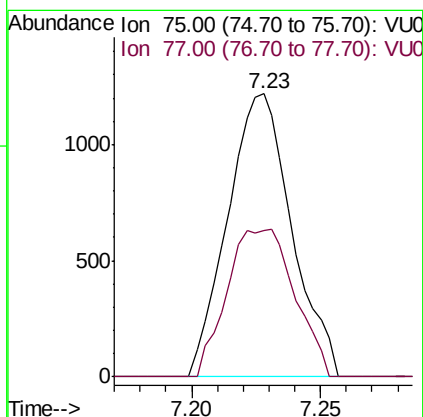
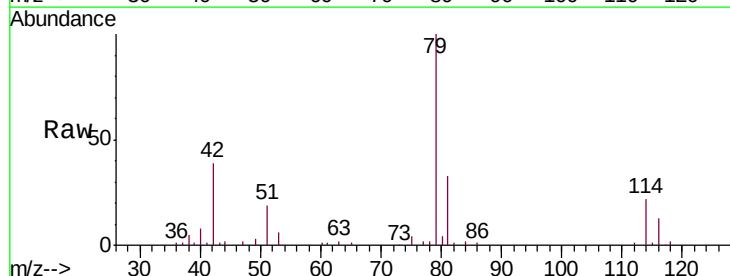
Instrument :
 MSVOA_U
 ClientSampleId :
 COLD6

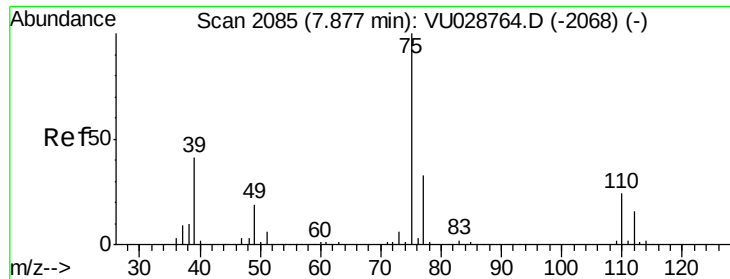
Tgt Ion: 63 Resp: 8574
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.4 3.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.839 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028775.D
 Acq: 18 Dec 2018 17:23

Tgt Ion: 75 Resp: 2114
 Ion Ratio Lower Upper
 75 100
 77 51.6 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.583 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028775.D

Acq: 18 Dec 2018 17:23

Instrument :

MSVOA_U

ClientSampleId :

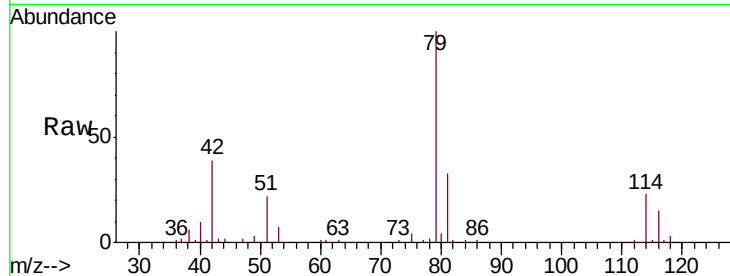
COLD6

Tgt Ion: 75 Resp: 1355

Ion Ratio Lower Upper

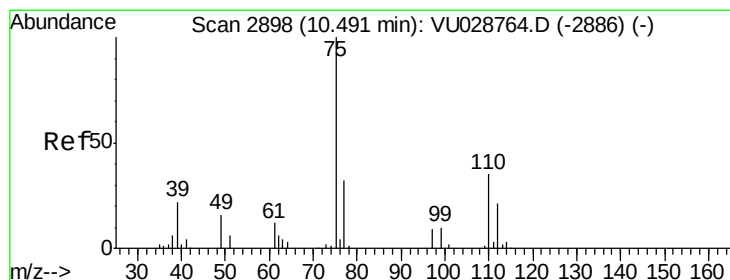
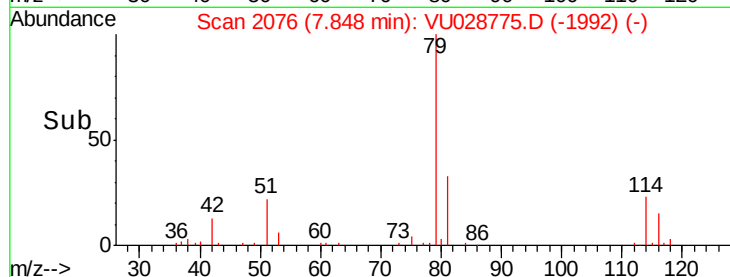
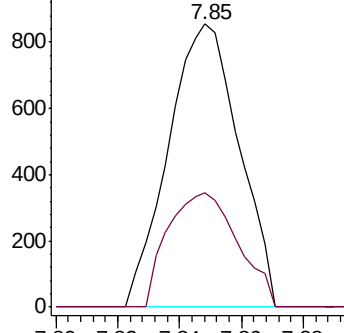
75 100

77 40.6 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.292 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028775.D

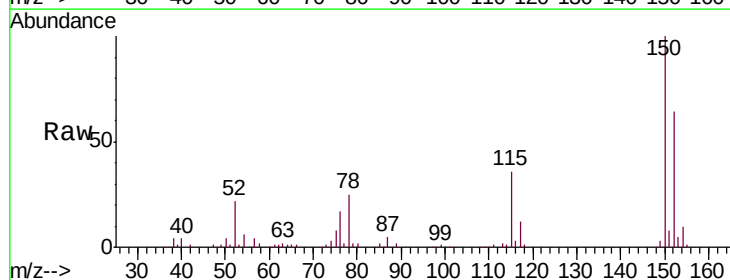
Acq: 18 Dec 2018 17:23

Tgt Ion: 75 Resp: 8606

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

