

Data File : VU028774.D
Acq On : 18 Dec 2018 16:58
Operator : MD/SY
Sample : J6422-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0LD5

Quant Time: Dec 19 00:43:08 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	179830	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70306	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77927	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.80%
7) Chloroethane-d5	1.68	69	60244	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.70%
11) 1,1-Dichloroethene-d2	2.27	63	98513	33.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.54%
21) 2-Butanone-d5	4.17	46	116978	86.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.73%
24) Chloroform-d	4.65	84	121204	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.31	65	77816	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
32) Benzene-d6	5.34	84	267879	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.33	67	93668	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.88%
41) Toluene-d8	7.57	98	236234	49.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.22%
43) trans-1,3-Dichloropropene-	7.85	79	40194	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.72%
47) 2-Hexanone-d5	8.31	63	91772	101.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123209	50.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	80991	56.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.56%

Target Compounds

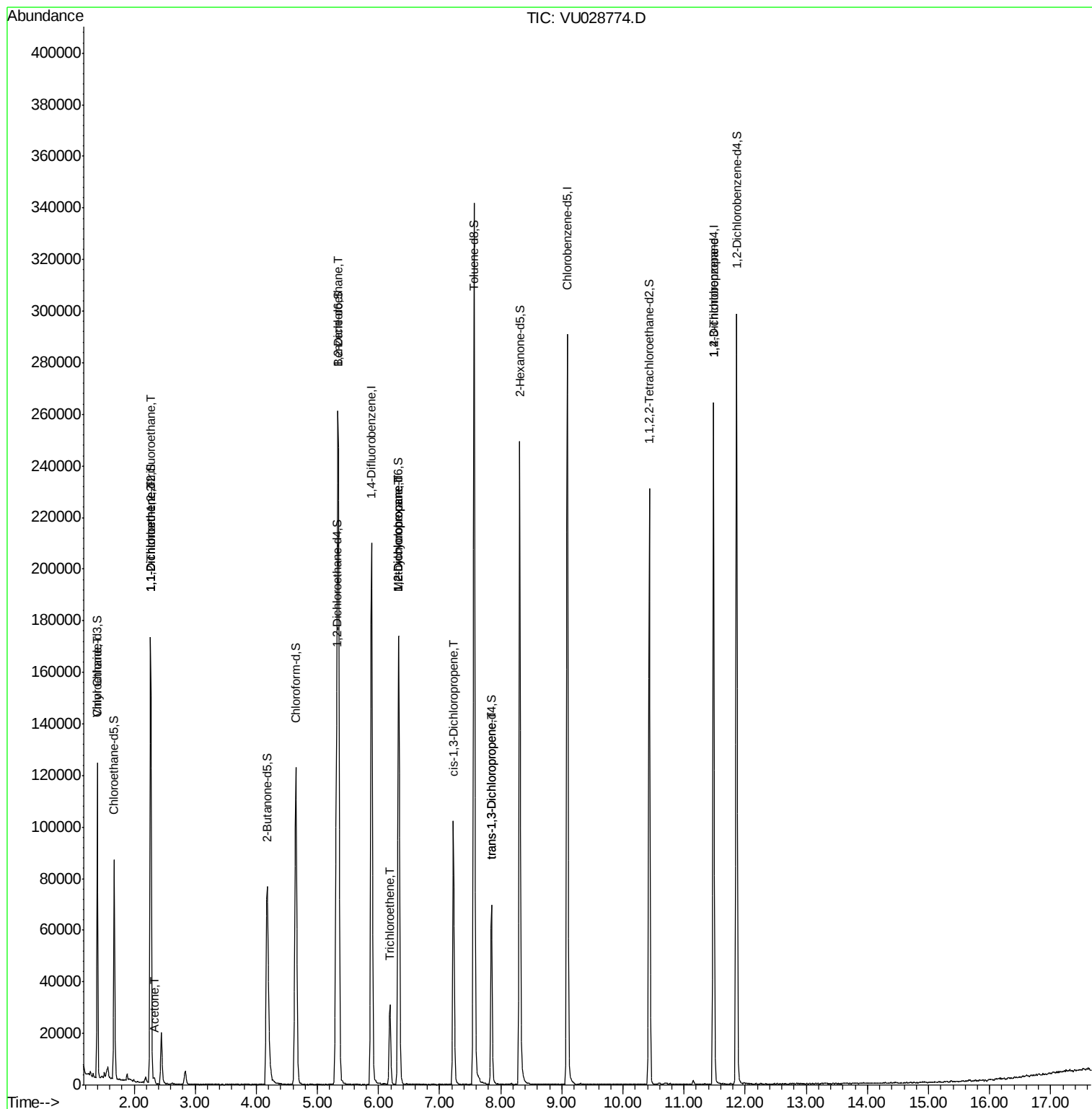
					Qvalue
8) Chloroethane	1.40	64	1138	0.996 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	820	0.656 ug/L #	21
12) 1,1-Dichloroethene	2.28	96	1314	1.109 ug/L #	1
13) Acetone	2.32	43	1574	1.044 ug/L	95
27) 1,2-Dichloroethane	5.33	62	1257	0.567 ug/L #	76
34) Trichloroethene	6.19	95	11150	7.705 ug/L	92
35) Methylcyclohexane	6.33	83	19189	7.865 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8957	5.029 ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	2175	0.860 ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1515	0.650 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	8369	4.159 ug/L	91

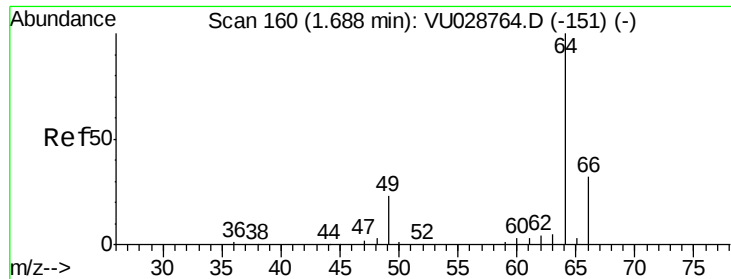
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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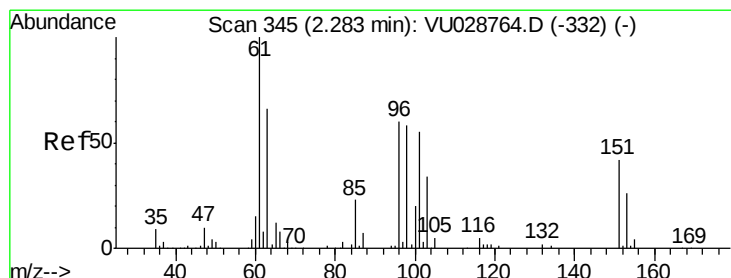
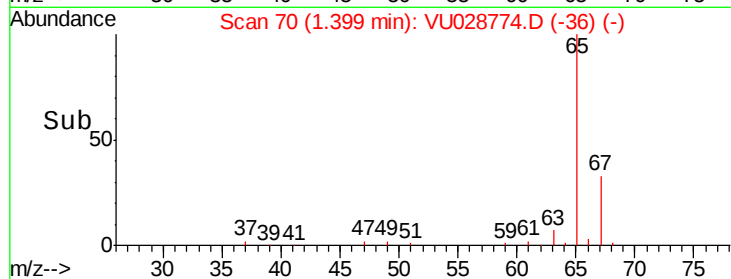
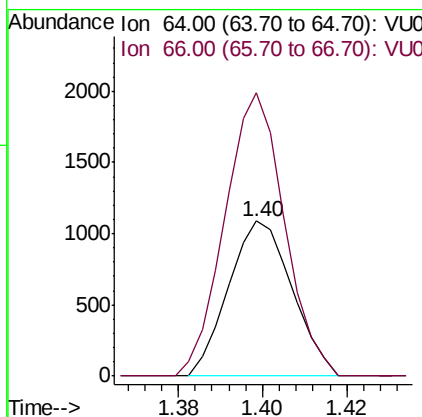
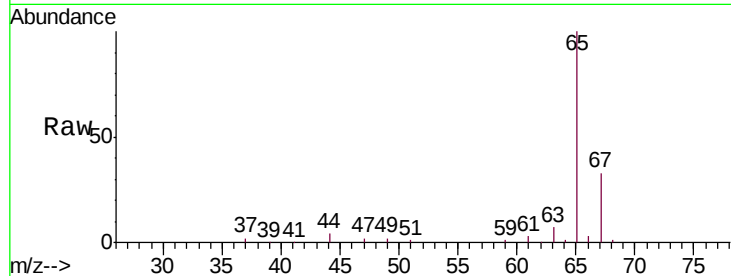




#8
Chloroethane
Concen: 0.996 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028774.D
Acq: 18 Dec 2018 16:58

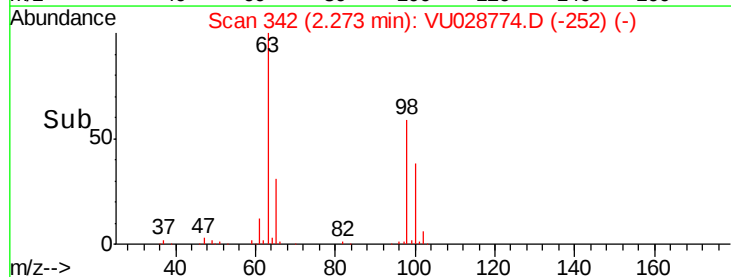
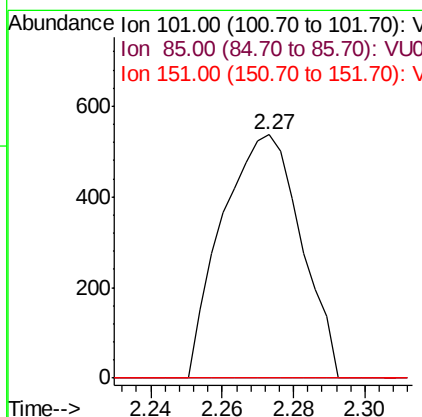
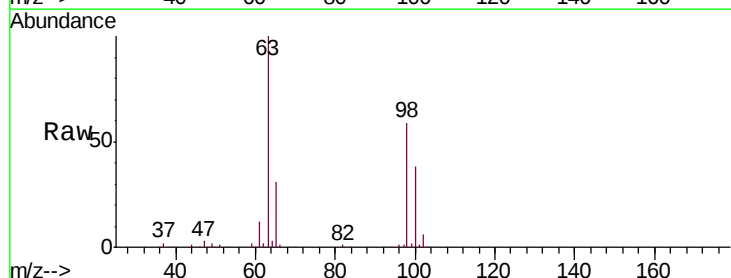
Instrument :
MSVOA_U
ClientSampled :
C0LD5

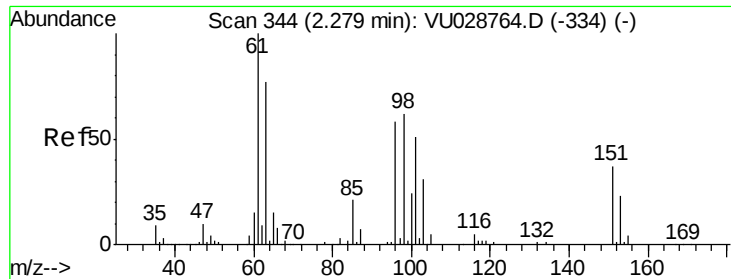
Tgt Ion: 64 Resp: 1138
Ion Ratio Lower Upper
64 100
66 182.8 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.656 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU028774.D
Acq: 18 Dec 2018 16:58

Tgt Ion: 101 Resp: 820
Ion Ratio Lower Upper
101 100
85 0.0 36.8 55.2#
151 0.0 55.8 83.8#

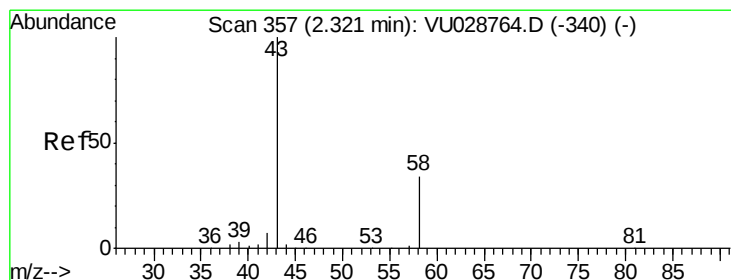
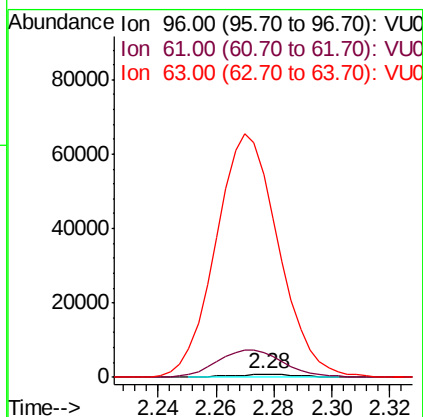
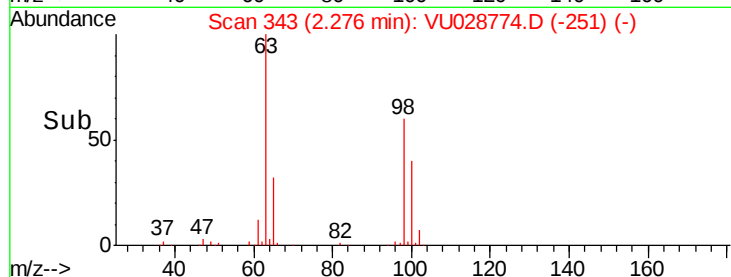
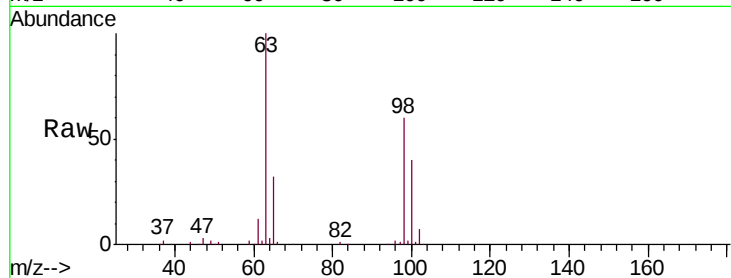




#12
 1,1-Dichloroethene
 Concen: 1.109 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VU028774.D
 Acq: 18 Dec 2018 16:58

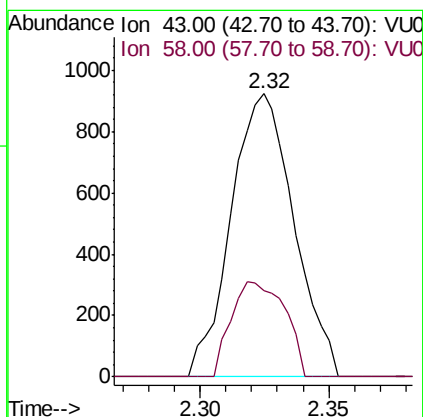
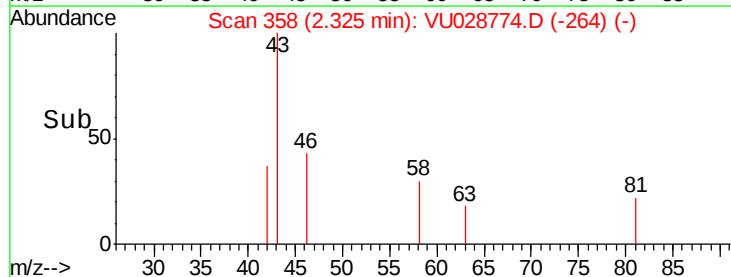
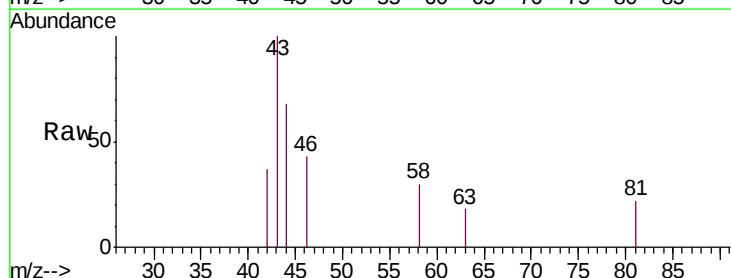
Instrument :
 MSVOA_U
 ClientSampleId :
 COLD5

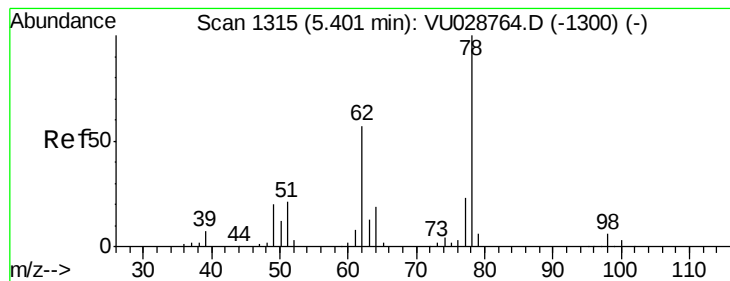
Tgt Ion: 96 Resp: 1314
 Ion Ratio Lower Upper
 96 100
 61 808.5 143.2 266.0#
 63 6504.9 130.1 241.7#



#13
 Acetone
 Concen: 1.044 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU028774.D
 Acq: 18 Dec 2018 16:58

Tgt Ion: 43 Resp: 1574
 Ion Ratio Lower Upper
 43 100
 58 28.5 0.0 62.0





#27

1,2-Dichloroethane

Concen: 0.567 ug/L

RT: 5.33 min Scan# 1294

Delta R.T. -0.07 min

Lab File: VU028774.D

Acq: 18 Dec 2018 16:58

Instrument :

MSVOA_U

ClientSampleId :

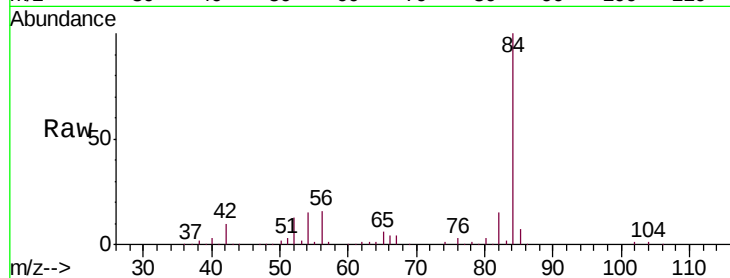
C0LD5

Tgt Ion: 62 Resp: 1257

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.33

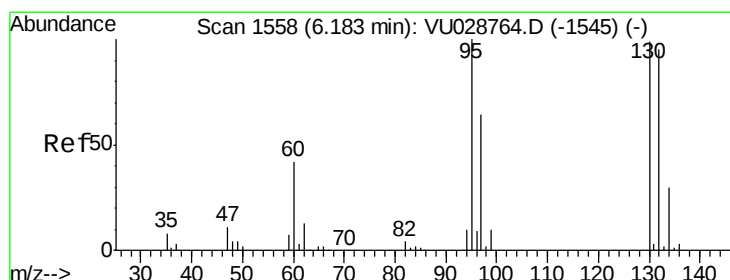
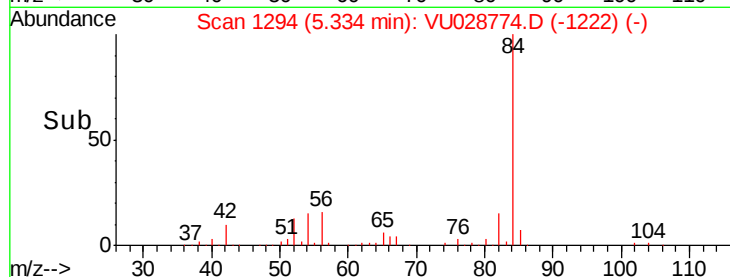
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 7.705 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028774.D

Acq: 18 Dec 2018 16:58

Tgt Ion: 95 Resp: 11150

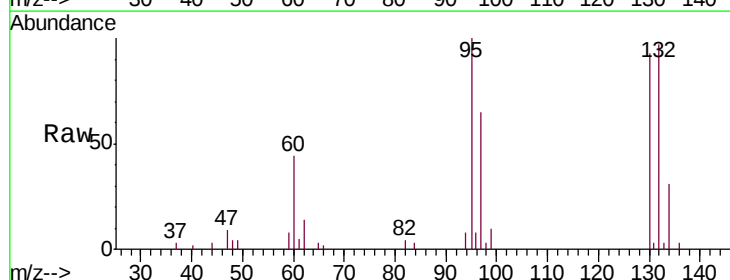
Ion Ratio Lower Upper

95 100

97 65.3 43.5 80.9

132 96.6 59.6 110.6

130 93.1 61.8 114.8



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

8000

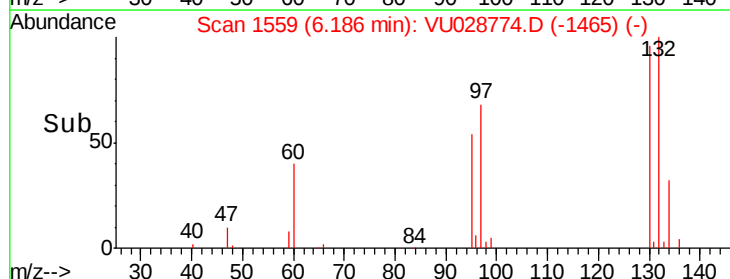
6000

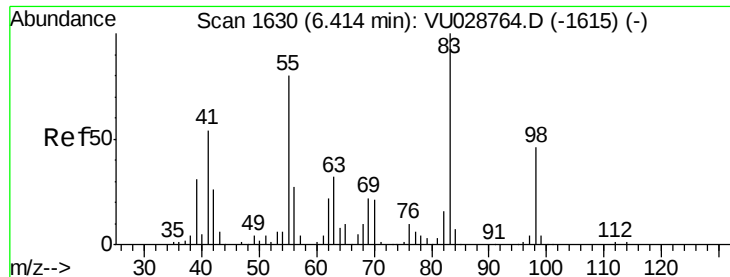
4000

2000

0

Time-->

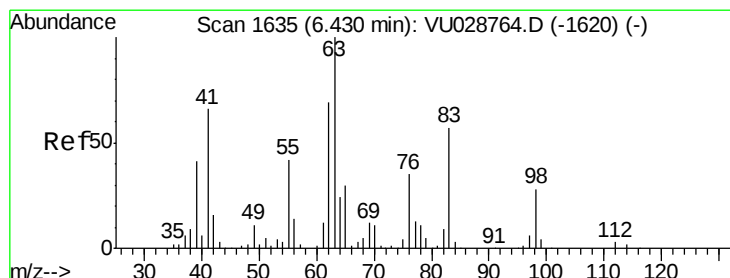
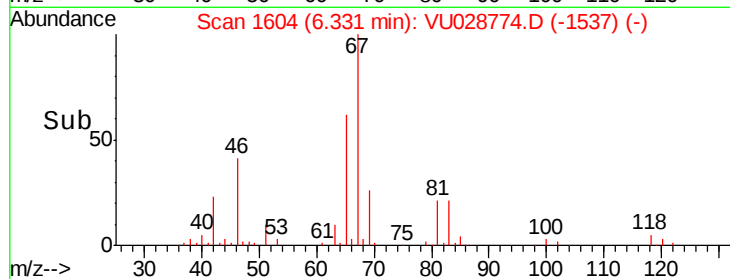
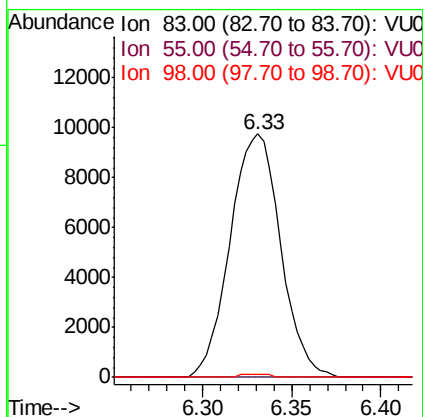
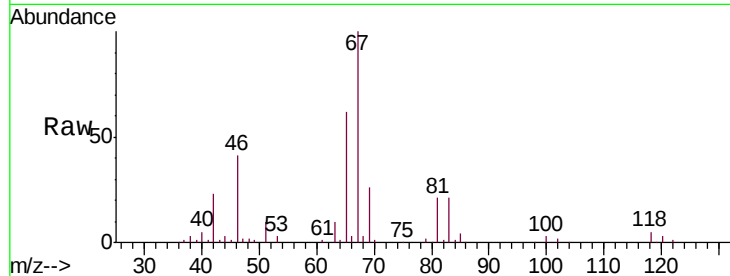




#35
Methylcyclohexane
Concen: 7.865 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028774.D
Acq: 18 Dec 2018 16:58

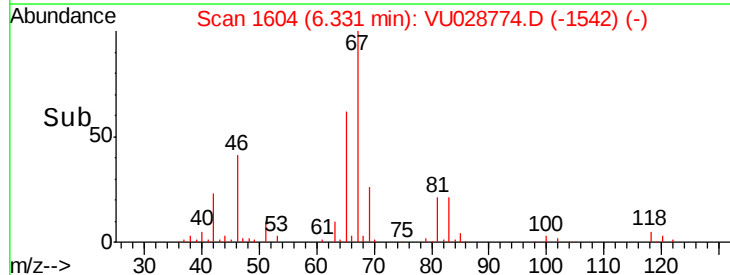
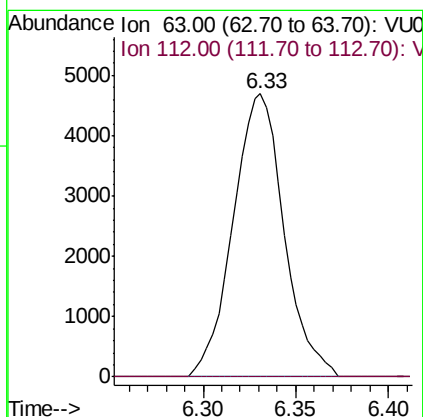
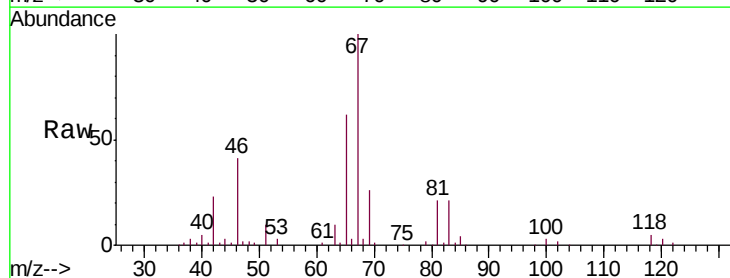
Instrument :
MSVOA_U
ClientSampleId :
C0LD5

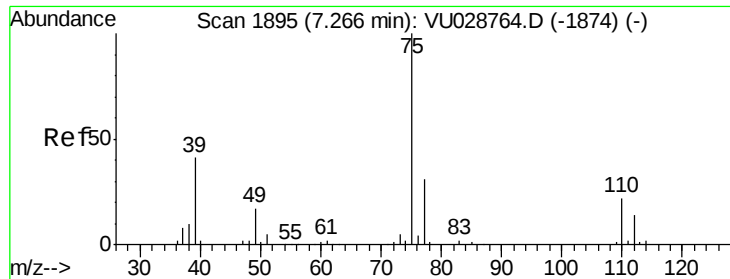
Tgt Ion: 83 Resp: 19189
Ion Ratio Lower Upper
83 100
55 0.0 70.1 105.1#
98 0.3 34.4 51.6#



#37
1,2-Dichloropropane
Concen: 5.029 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028774.D
Acq: 18 Dec 2018 16:58

Tgt Ion: 63 Resp: 8957
Ion Ratio Lower Upper
63 100
112 0.0 2.4 3.6#

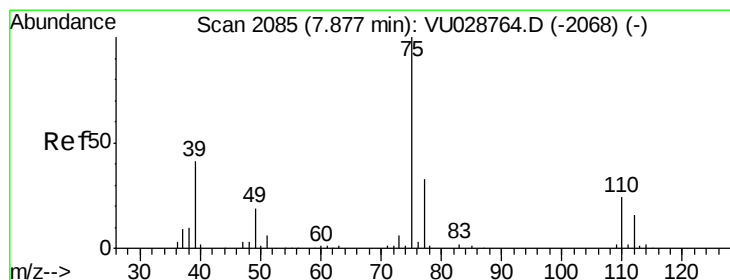
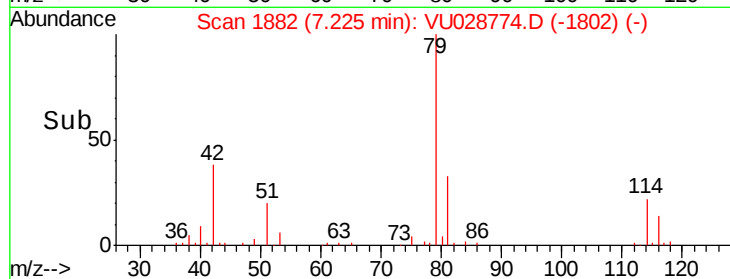
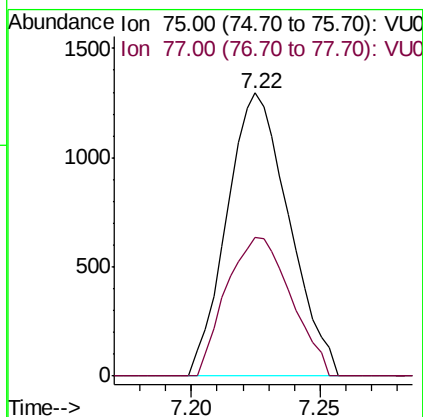
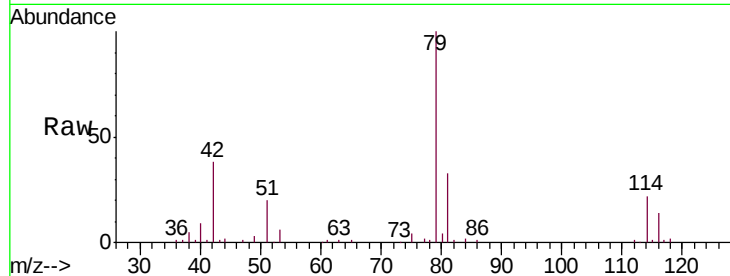




#39
 cis-1,3-Dichloropropene
 Concen: 0.860 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028774.D
 Acq: 18 Dec 2018 16:58

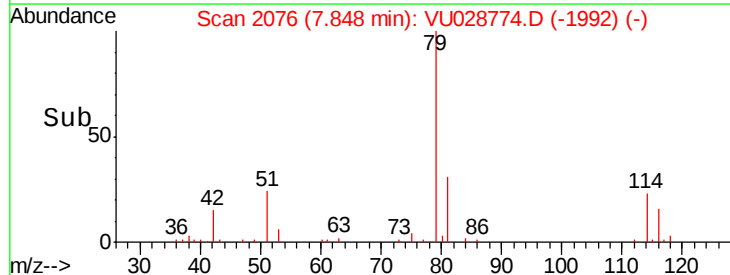
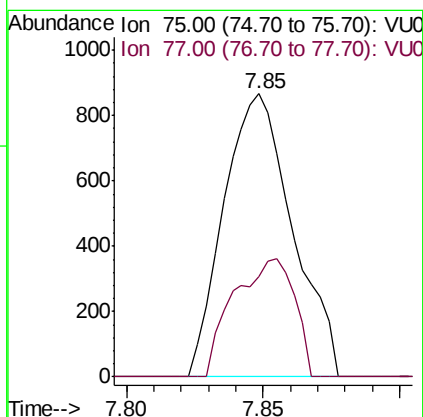
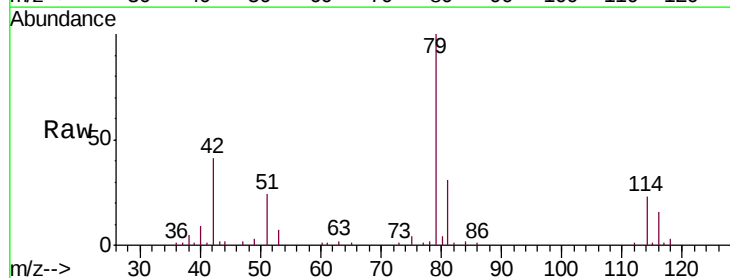
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 MSVOA_U
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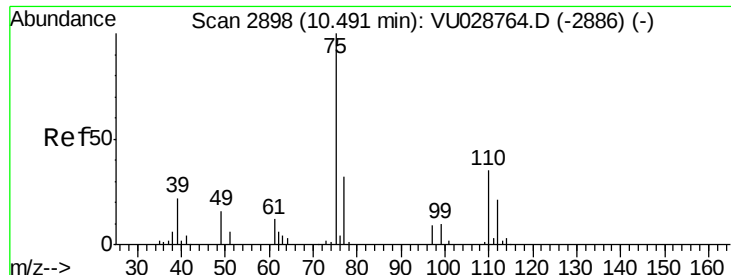
Tgt Ion: 75 Resp: 2175
 Ion Ratio Lower Upper
 75 100
 77 49.0 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.650 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU028774.D
 Acq: 18 Dec 2018 16:58

Tgt Ion: 75 Resp: 1515
 Ion Ratio Lower Upper
 75 100
 77 35.5 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 4.159 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028774.D

Acq: 18 Dec 2018 16:58

Instrument :

MSVOA_U

ClientSampleId :

COLD5

Tgt Ion: 75 Resp: 8369

Ion Ratio Lower Upper

75 100

77 36.6 25.4 38.2

