

Data File : VU028986.D
Acq On : 02 Jan 2019 13:22
Operator : MD/SY
Sample : VIBLK70
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK70

Quant Time: Jan 03 03:51:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 03 03:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	95969	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	89611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31137	6.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.20%
7) Chloroethane-d5	1.68	69	25516	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.27	63	42825	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.19	46	78430	58.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.86%
24) Chloroform-d	4.65	84	55326	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.31	65	26960	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.34	84	117122	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.33	67	38298	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	7.56	98	104688	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	7.85	79	14357	5.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.00%
46) 2-Hexanone-d5	8.31	63	71052	61.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29566	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	38623	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

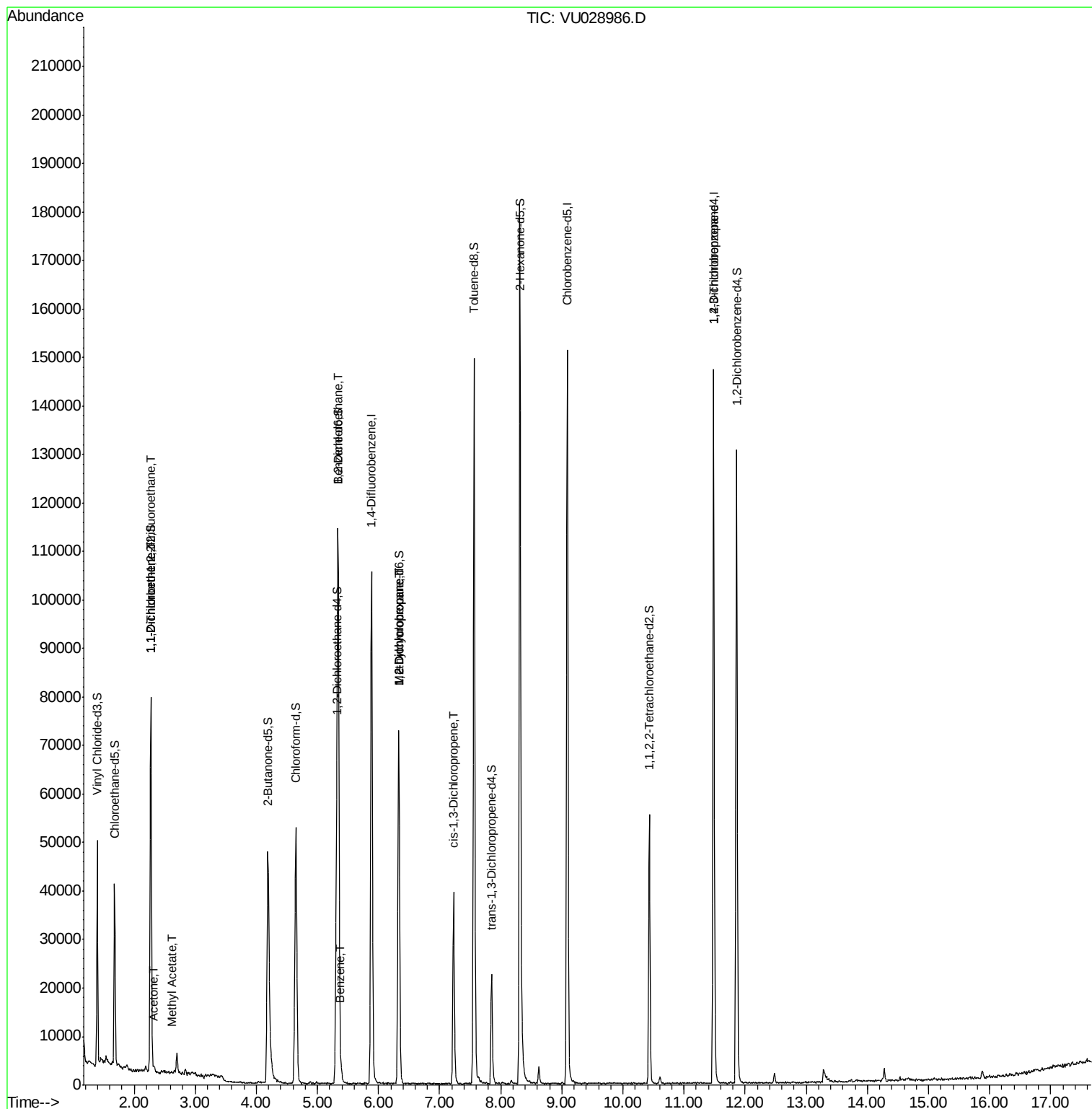
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	368	0.052	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	393	0.057	ug/L #	1
13) Acetone	2.32	43	820	0.757	ug/L #	39
15) Methyl Acetate	2.61	43	337	0.106	ug/L #	49
27) 1,2-Dichloroethane	5.33	62	386	0.054	ug/L #	73
33) Benzene	5.39	78	2829	0.099	ug/L	100
35) Methylcyclohexane	6.33	83	8322	0.661	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	3634	0.498	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	920	0.088	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	4782	1.124	ug/L	99

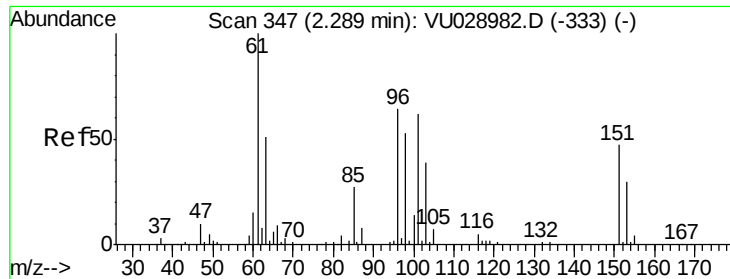
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.052 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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ClientSampleId :

VIBLK70

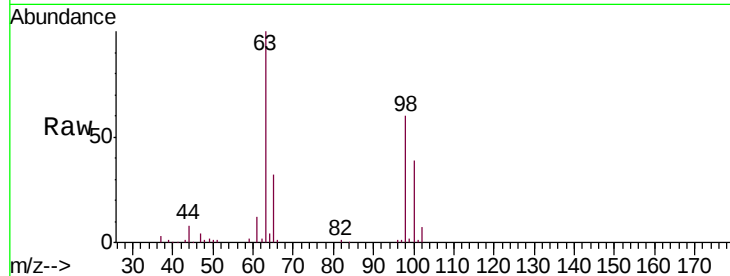
Tgt Ion: 101 Resp: 368

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

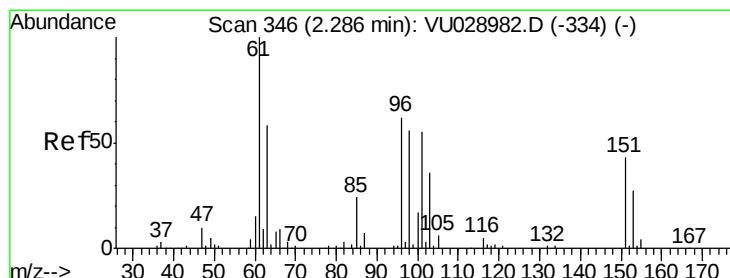
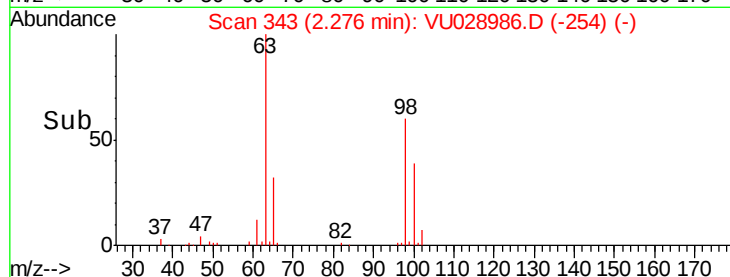
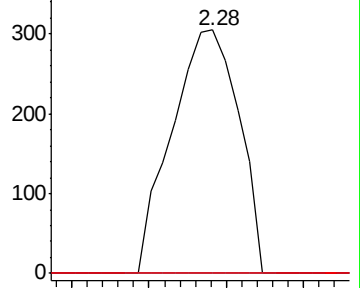
151 0.0 60.9 91.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.057 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028986.D

Acq: 02 Jan 2019 13:22

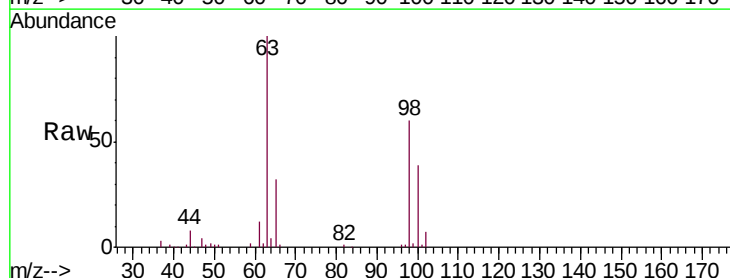
Tgt Ion: 96 Resp: 393

Ion Ratio Lower Upper

96 100

61 1304.2 110.5 205.3#

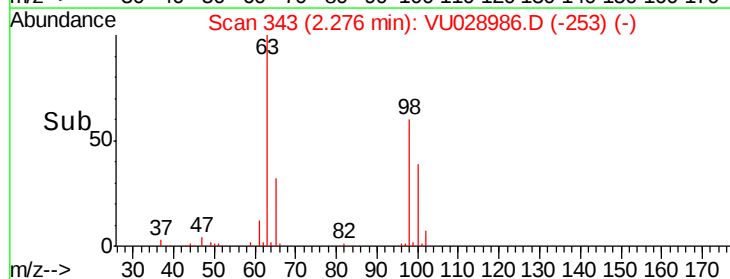
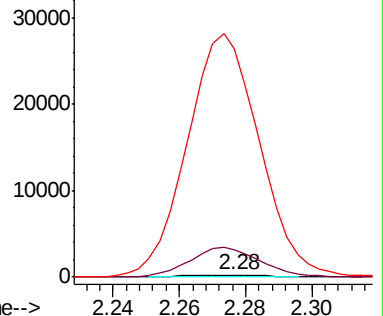
63 10980.0 67.6 125.6#

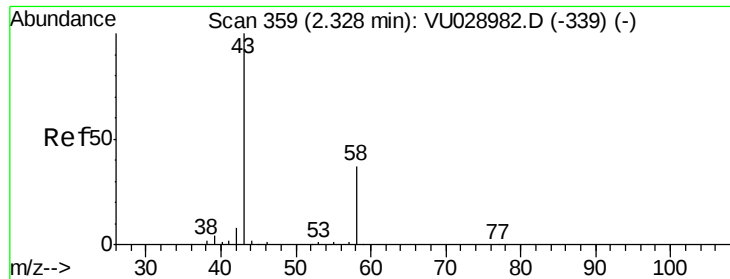


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.757 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.01 min

Lab File: VU028986.D

Acq: 02 Jan 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

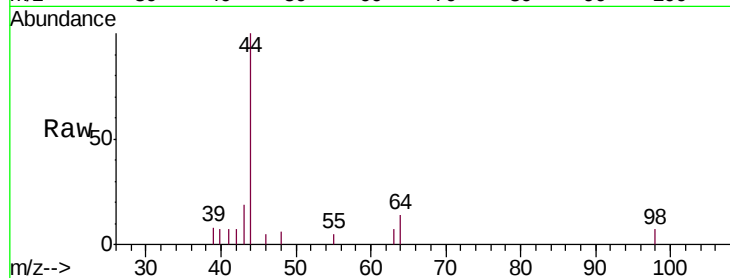
VIBLK70

Tgt Ion: 43 Resp: 820

Ion Ratio Lower Upper

43 100

58 0.0 0.0 71.8



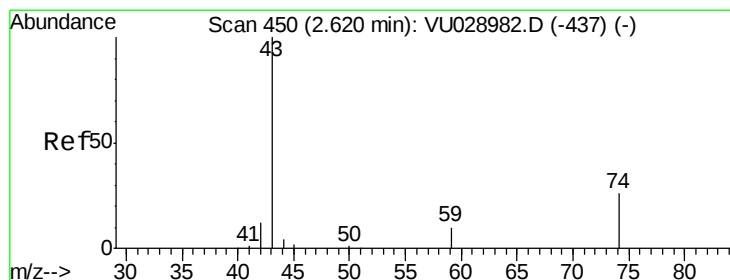
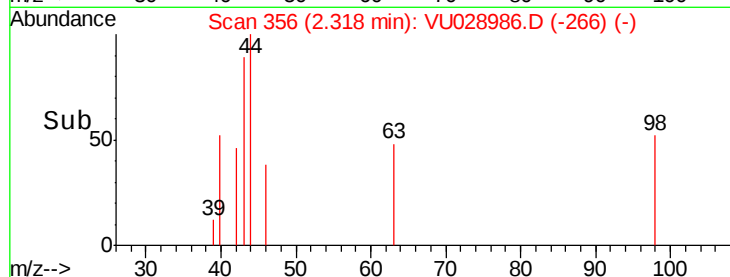
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

2.30 2.35

Time-->



#15

Methyl Acetate

Concen: 0.106 ug/L

RT: 2.61 min Scan# 448

Delta R.T. -0.01 min

Lab File: VU028986.D

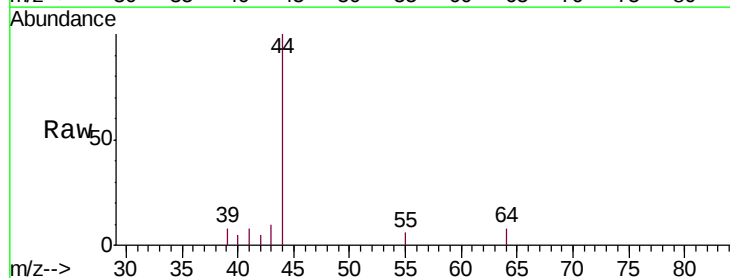
Acq: 02 Jan 2019 13:22

Tgt Ion: 43 Resp: 337

Ion Ratio Lower Upper

43 100

74 0.0 20.6 30.8#



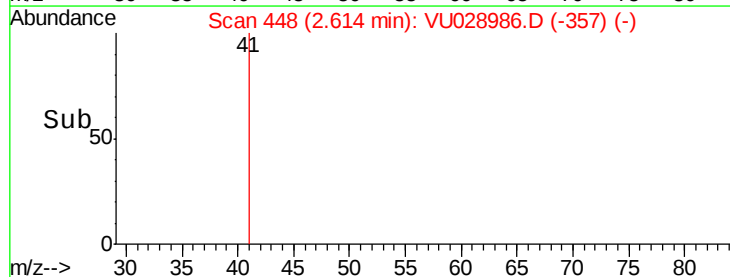
Abundance Ion 43.05 (42.75 to 43.75): VU0

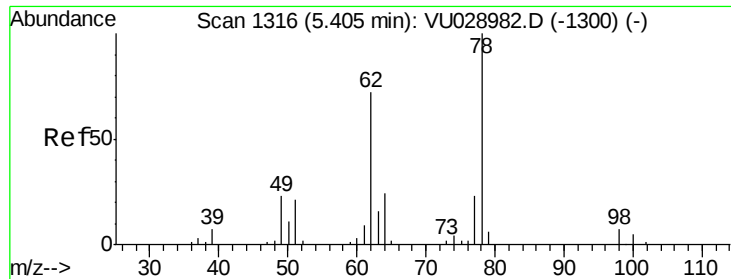
Ion 74.05 (73.75 to 74.75): VU0

2.61

2.58 2.60 2.62 2.64

Time-->

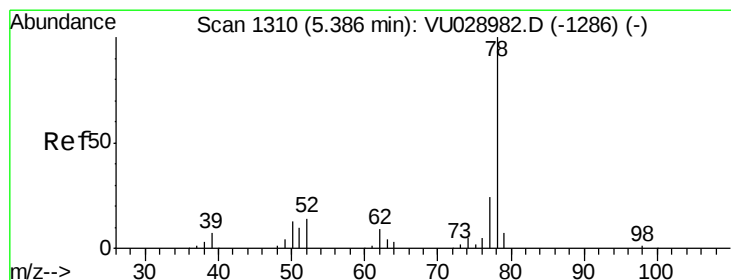
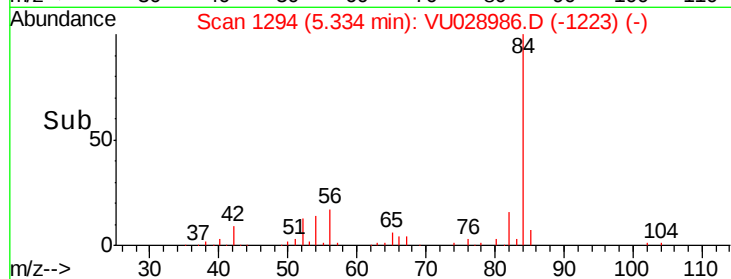
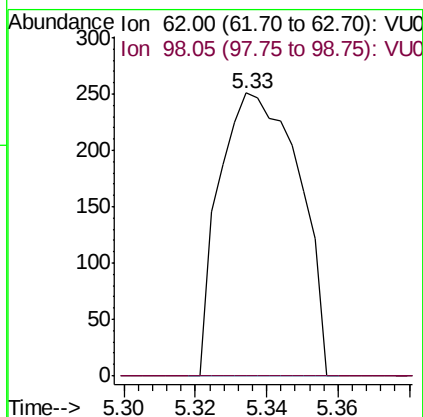
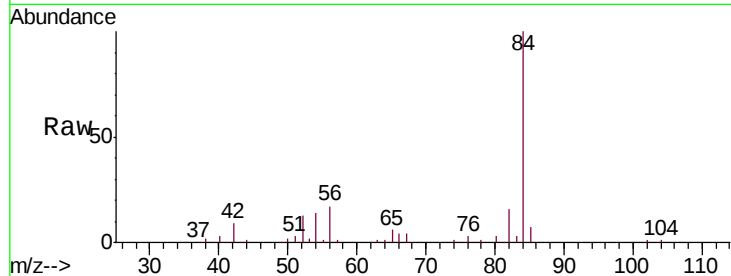




#27
 1,2-Dichloroethane
 Concen: 0.054 ug/L
 RT: 5.33 min Scan# 1294
 Delta R.T. -0.07 min
 Lab File: VU028986.D
 Acq: 02 Jan 2019 13:22

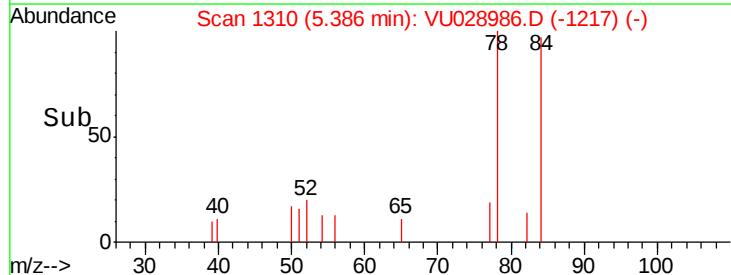
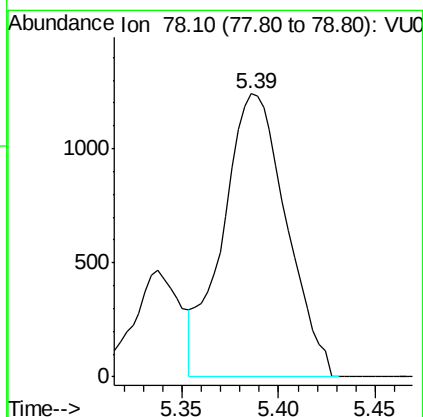
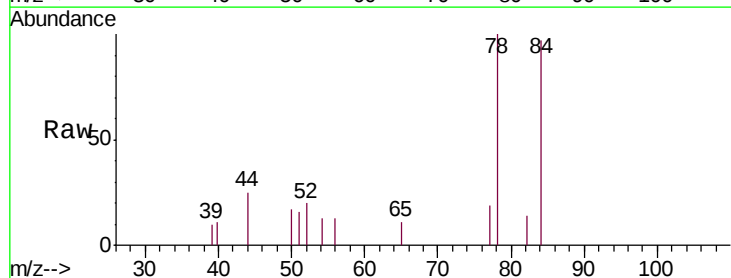
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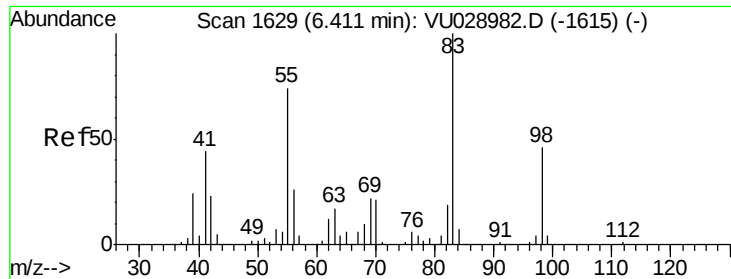
Tgt Ion: 62 Resp: 386
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#33
 Benzene
 Concen: 0.099 ug/L
 RT: 5.39 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: VU028986.D
 Acq: 02 Jan 2019 13:22

Tgt Ion: 78 Resp: 2829

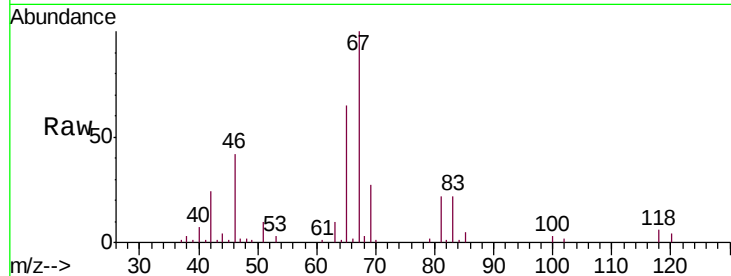




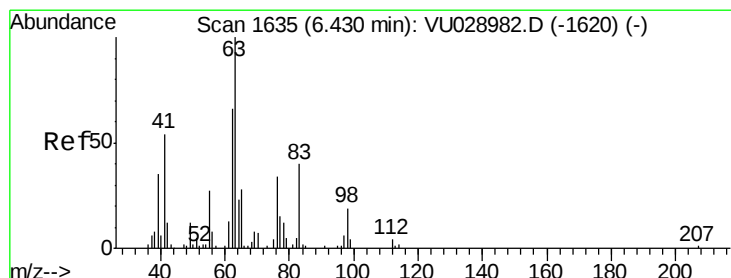
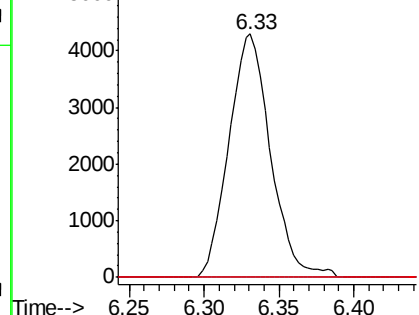
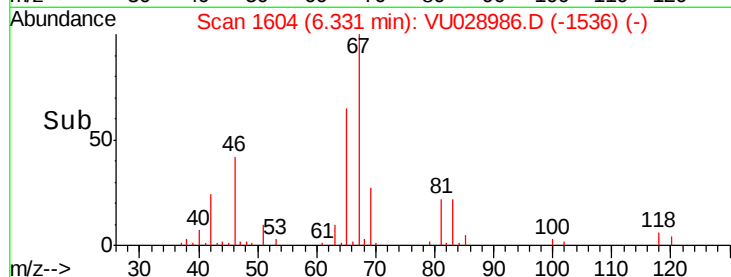
#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028986.D
Acq: 02 Jan 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK70

Tgt Ion: 83 Resp: 8322
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.0 37.0 55.6#

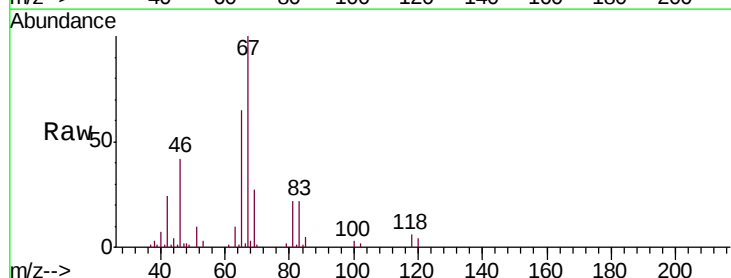


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

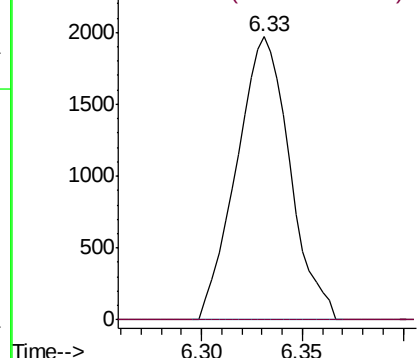
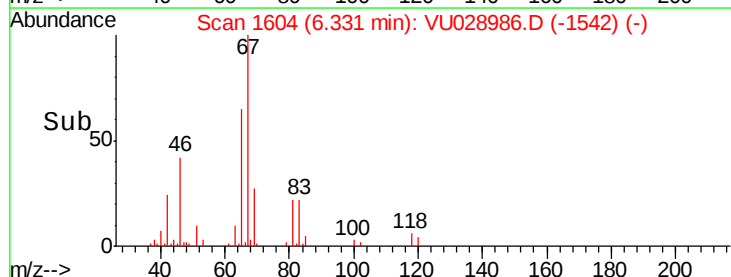


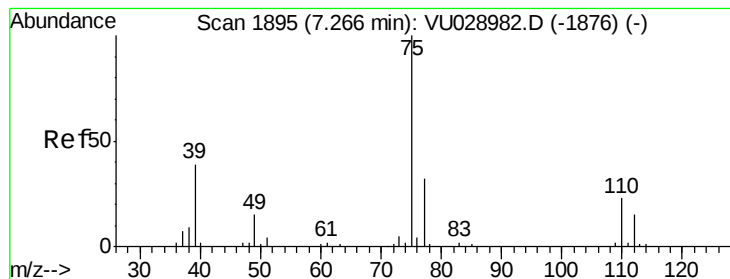
#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028986.D
Acq: 02 Jan 2019 13:22

Tgt Ion: 63 Resp: 3634
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



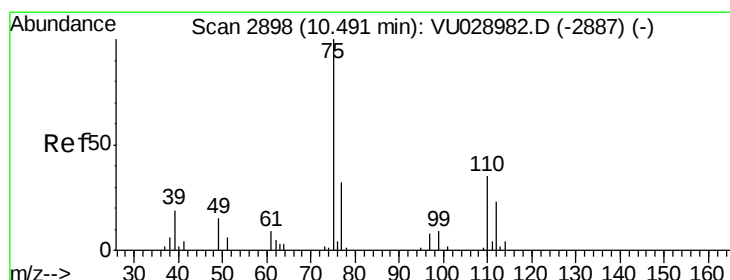
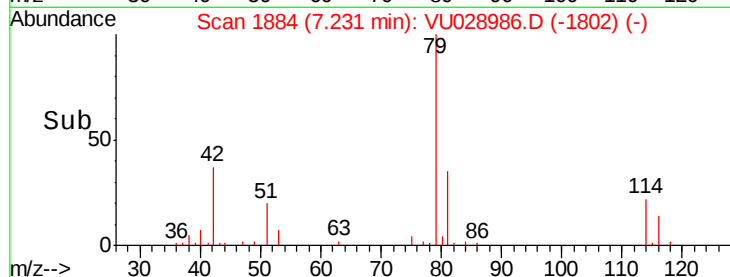
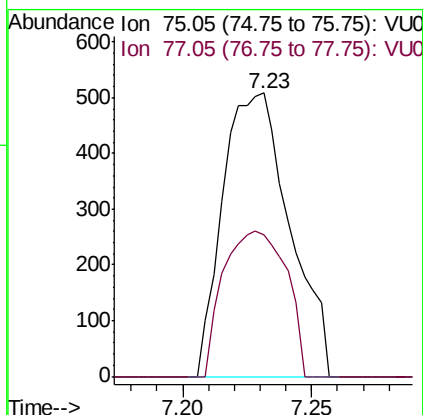
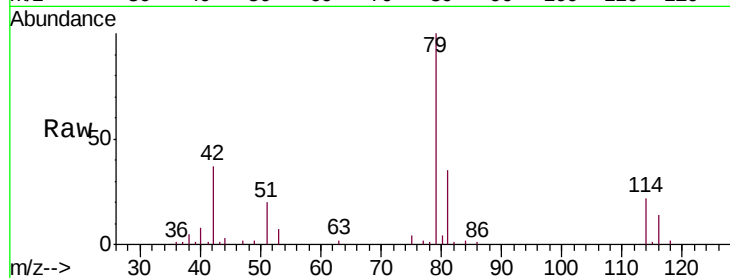


#39

cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU028986.D
Acq: 02 Jan 2019 13:22

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VIBLK70

Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
77 50.2 21.5 39.9#



#59

1,2,3-Trichloropropane
Concen: 1.124 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028986.D
Acq: 02 Jan 2019 13:22

Tgt Ion: 75 Resp: 4782
Ion Ratio Lower Upper
75 100
77 33.1 26.0 39.0

