

Data File : VU032669.D
Acq On : 12 Jun 2019 21:51
Operator : JC/SP
Sample : K3313-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLZ1

Quant Time: Jun 13 06:02:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	175420	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	169562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82012	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52010	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	41956	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.74%
11) 1,1-Dichloroethene-d2	2.27	63	78786	35.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.72%
21) 2-Butanone-d5	4.17	46	89798	94.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.28%
24) Chloroform-d	4.64	84	98569	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.30	65	67620	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
32) Benzene-d6	5.33	84	198848	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
36) 1,2-Dichloropropane-d6	6.32	67	64207	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.04%
41) Toluene-d8	7.56	98	180829	43.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.64%
43) trans-1,3-Dichloropropene-	7.85	79	27958	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.64%
47) 2-Hexanone-d5	8.31	63	50986	76.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88309	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	74464	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

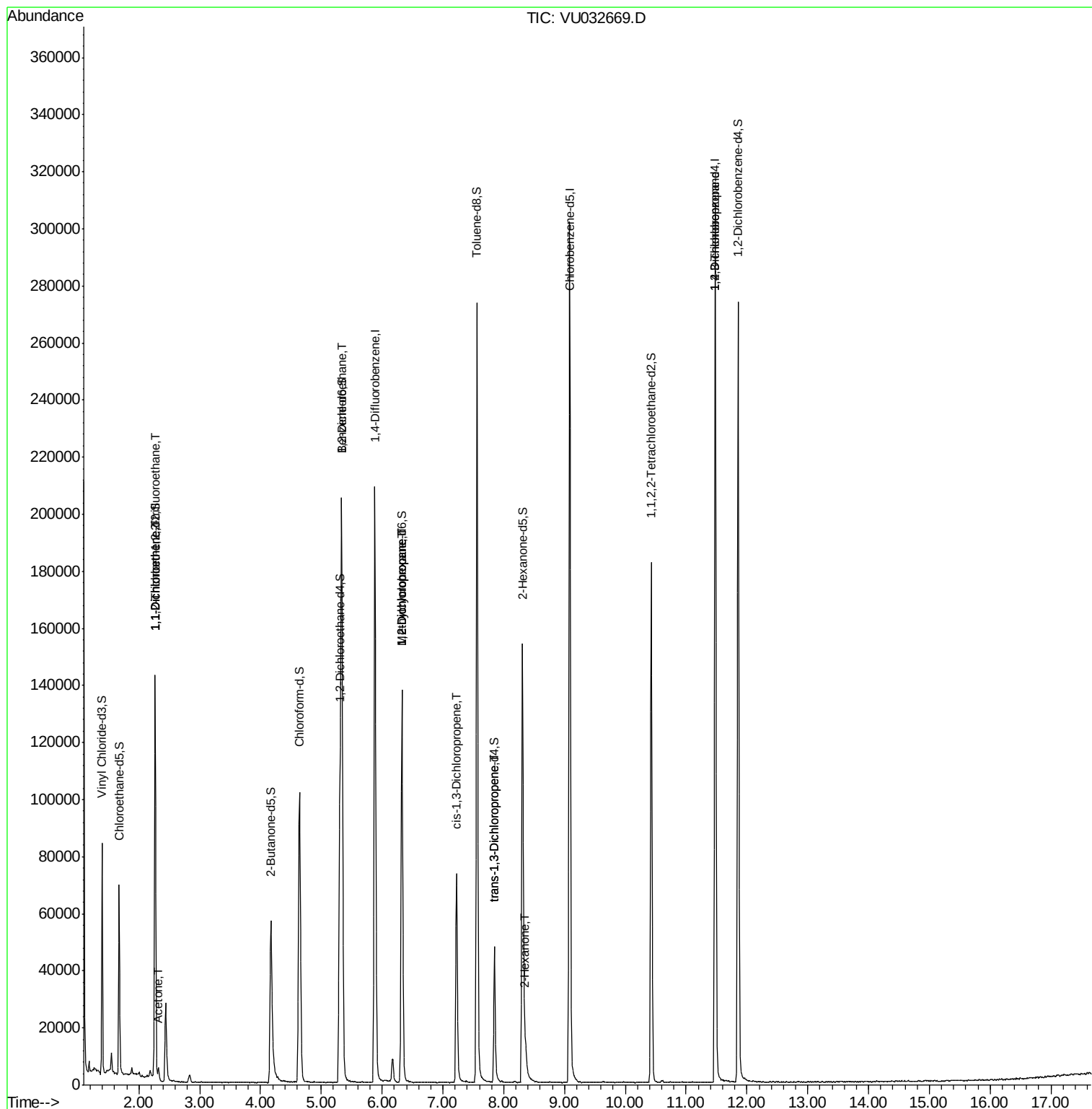
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	666	0.621 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	758	0.728 ug/L #	1
13) Acetone	2.32	43	4351	4.427 ug/L	92
27) 1,2-Dichloroethane	5.33	62	1170	0.697 ug/L #	75
35) Methylcyclohexane	6.32	83	14722	7.016 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7534	5.966 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2118	1.063 ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	1243	0.703 ug/L	87
48) 2-Hexanone	8.36	43	6372	3.818 ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	9704	5.911 ug/L	89

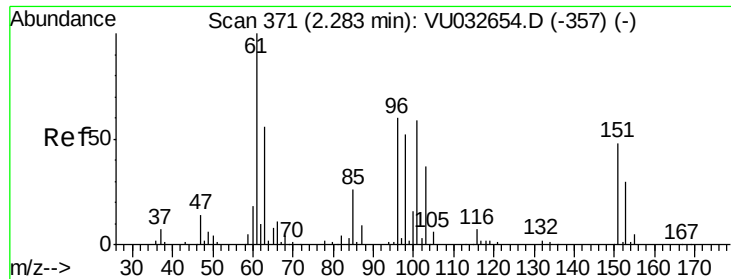
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.621 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032669.D

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Instrument :

MSVOA_U

ClientSampleId :

C0LZ1

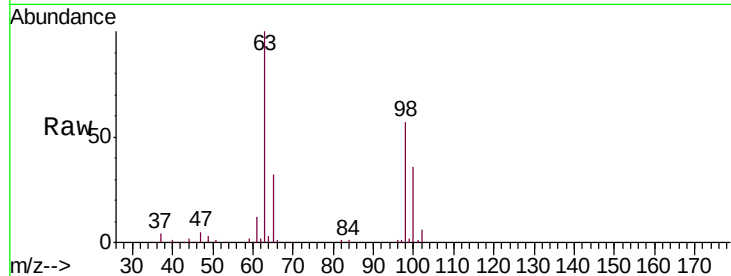
Tgt Ion: 101 Resp: 666

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

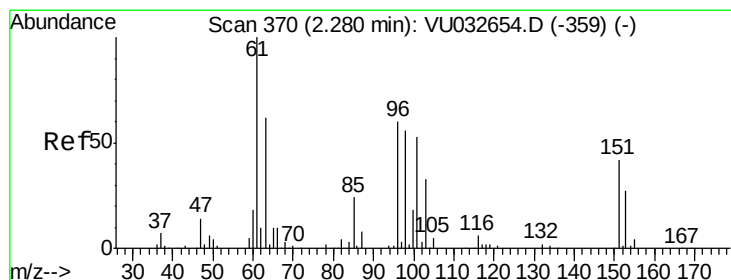
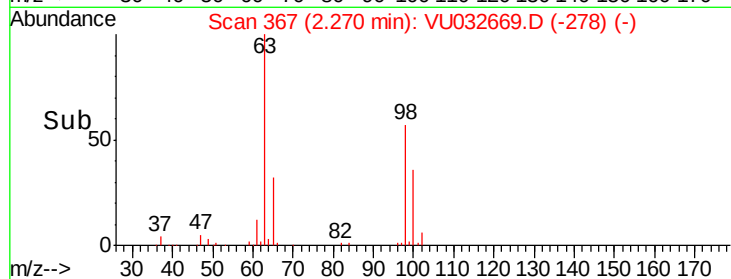
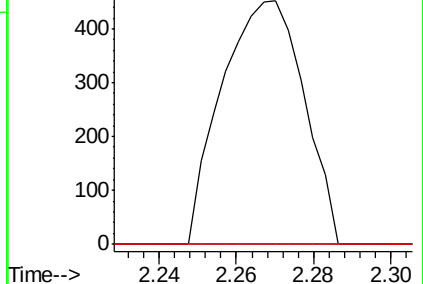
151 0.0 63.0 94.4#



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: 0.728 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032669.D

Acq: 12 Jun 2019 21:51

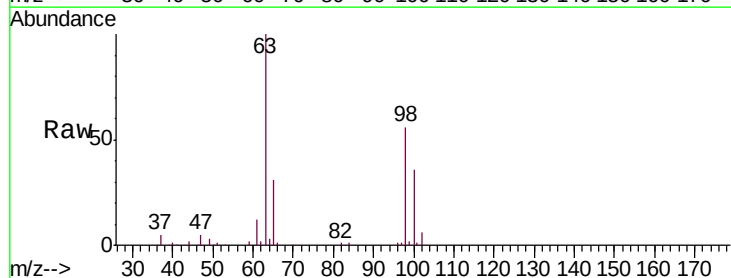
Tgt Ion: 96 Resp: 758

Ion Ratio Lower Upper

96 100

61 1242.2 129.5 240.5#

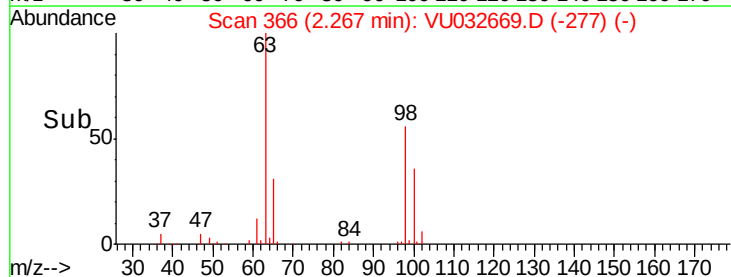
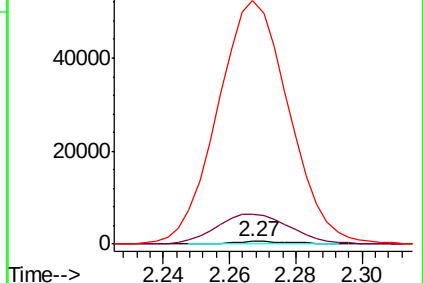
63 10046.8 103.4 192.0#

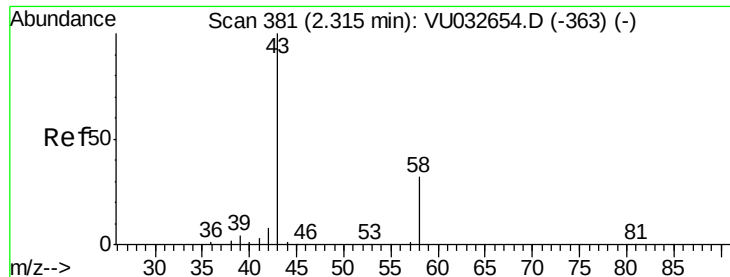


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.427 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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ClientSampleId :

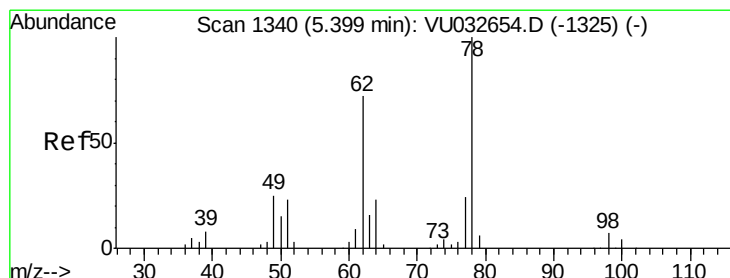
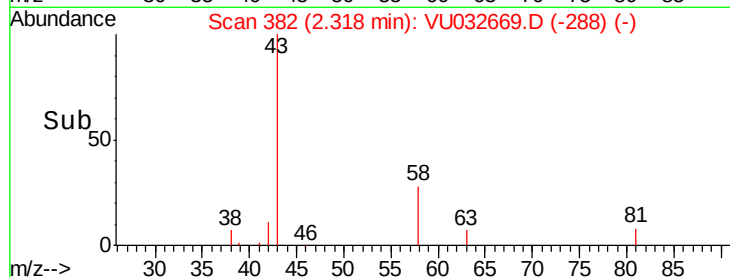
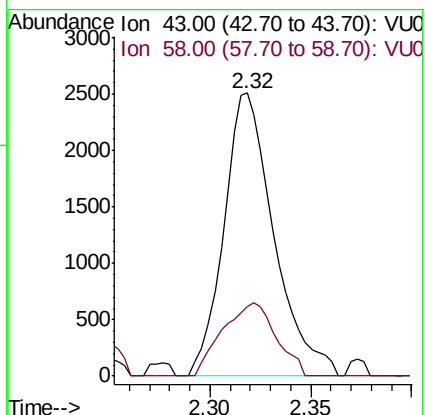
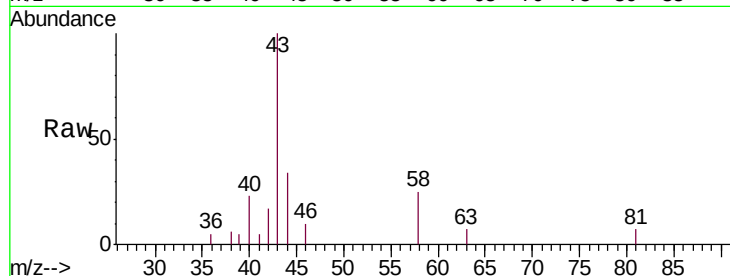
COLZ1

Tgt Ion: 43 Resp: 4351

Ion Ratio Lower Upper

43 100

58 27.7 0.0 64.0



#27

1,2-Dichloroethane

Concen: 0.697 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032669.D

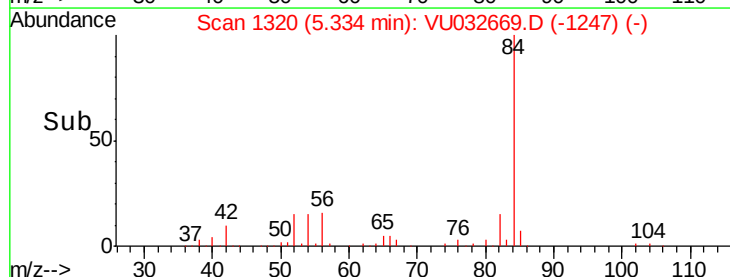
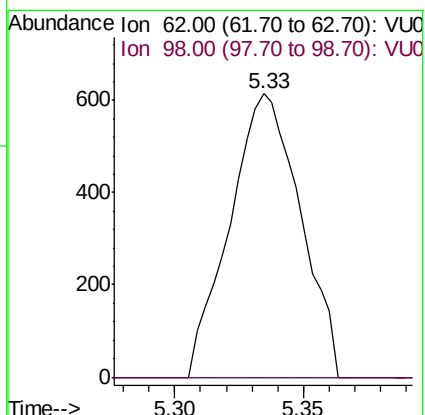
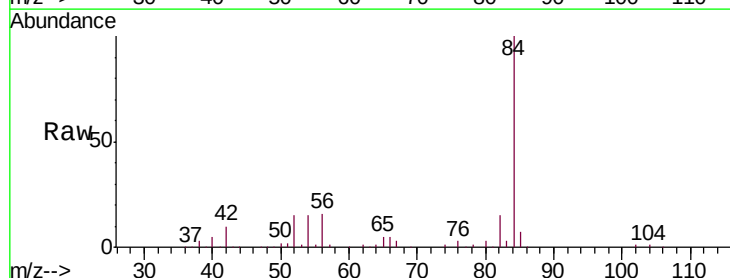
Acq: 12 Jun 2019 21:51

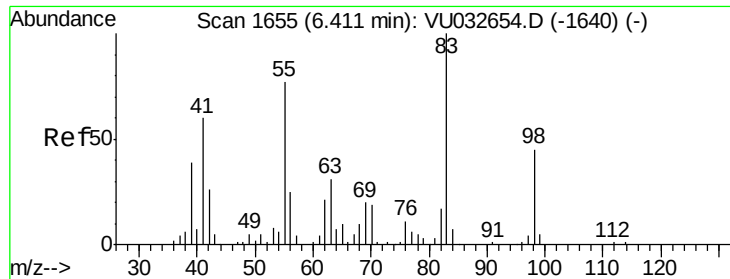
Tgt Ion: 62 Resp: 1170

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#





#35

Methylcyclohexane

Concen: 7.016 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU032669.D

Acq: 12 Jun 2019 21:51

Instrument :

MSVOA_U

ClientSampleId :

COLZ1

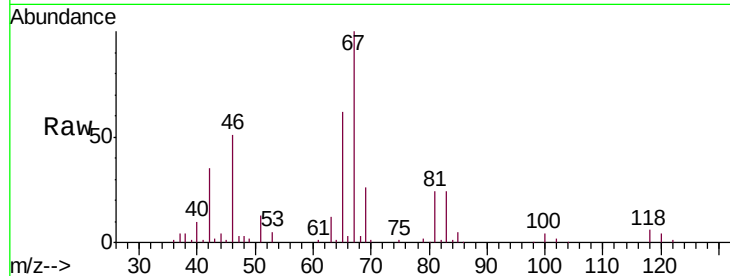
Tgt Ion: 83 Resp: 14722

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

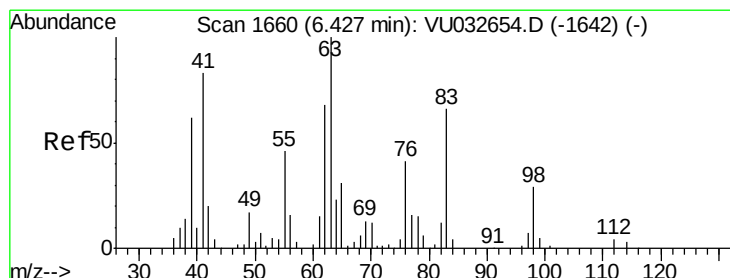
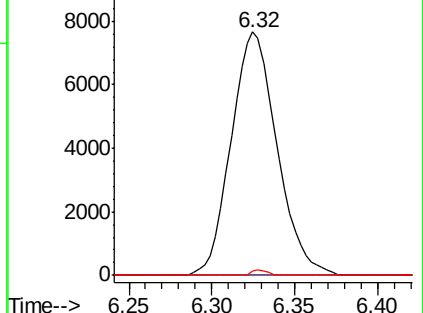
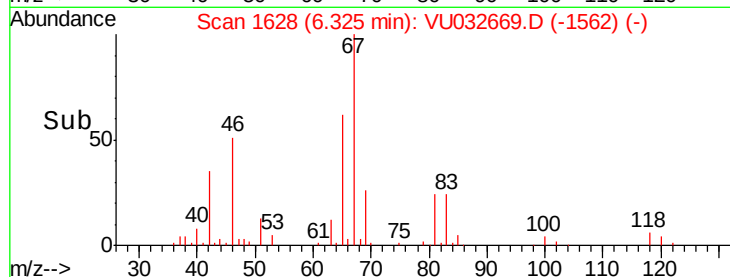
98 0.7 37.4 56.2#



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: 5.966 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032669.D

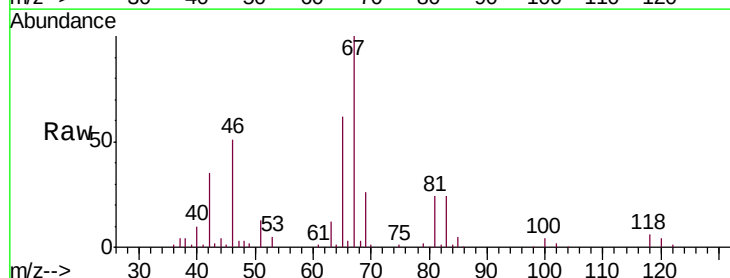
Acq: 12 Jun 2019 21:51

Tgt Ion: 63 Resp: 7534

Ion Ratio Lower Upper

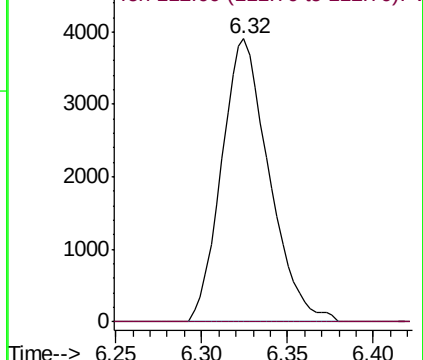
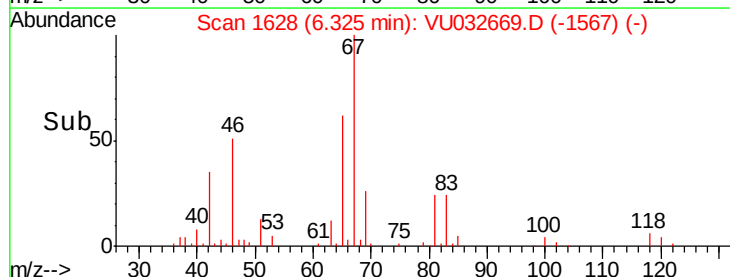
63 100

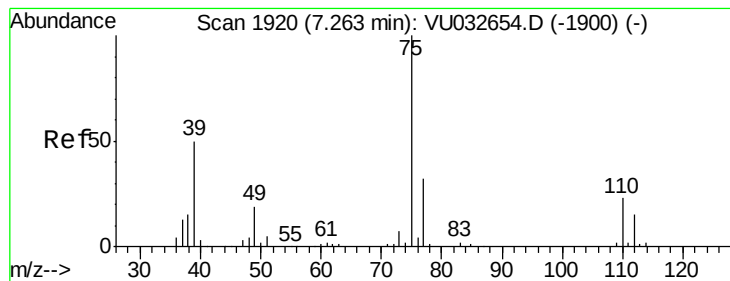
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



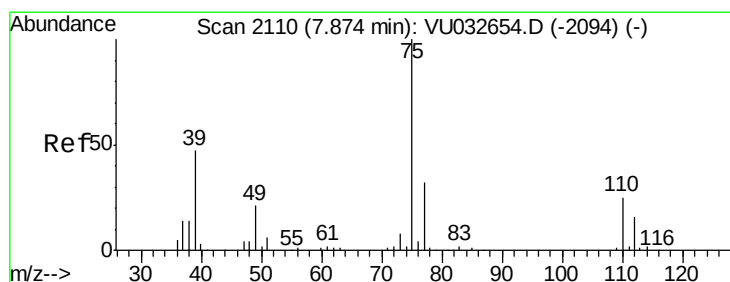
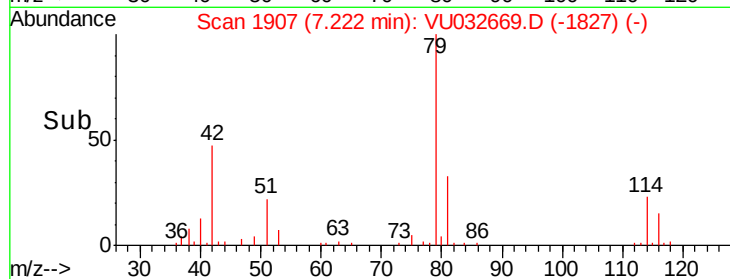
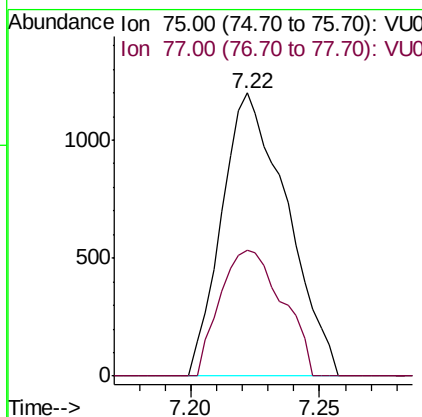
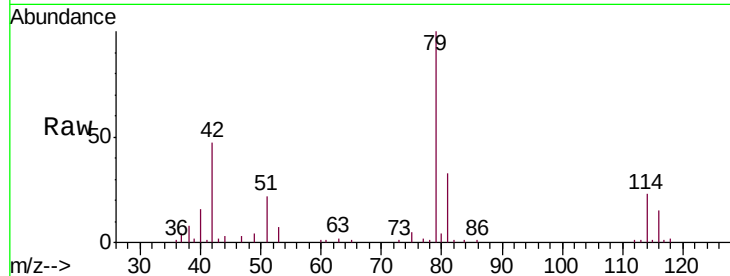


#39

cis-1,3-Dichloropropene
Concen: 1.063 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032669.D
Acq: 12 Jun 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
COLZ1

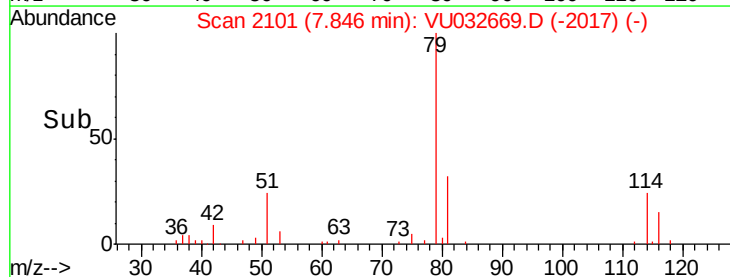
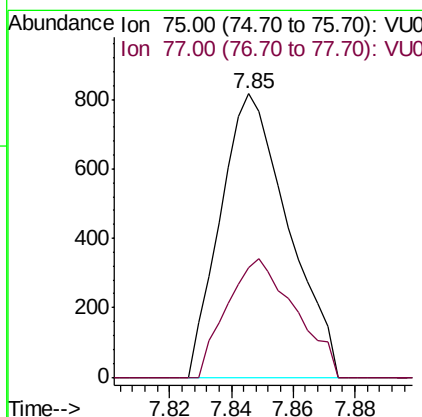
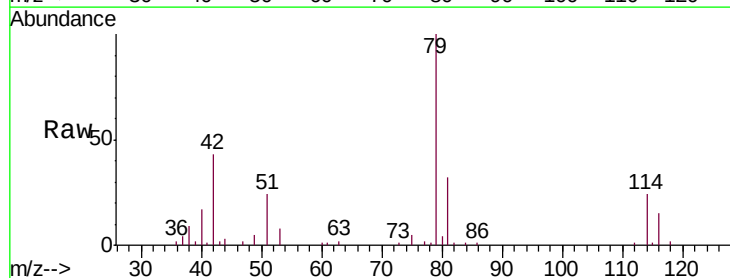
Tgt Ion: 75 Resp: 2118
Ion Ratio Lower Upper
75 100
77 44.3 22.0 41.0#

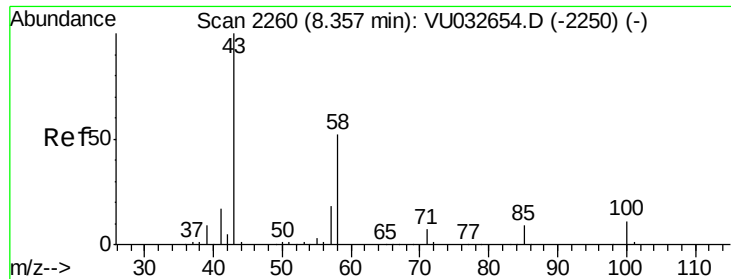


#44

trans-1,3-Dichloropropene
Concen: 0.703 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032669.D
Acq: 12 Jun 2019 21:51

Tgt Ion: 75 Resp: 1243
Ion Ratio Lower Upper
75 100
77 38.6 22.1 41.1

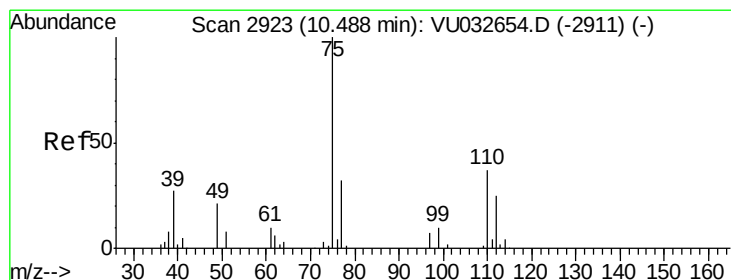
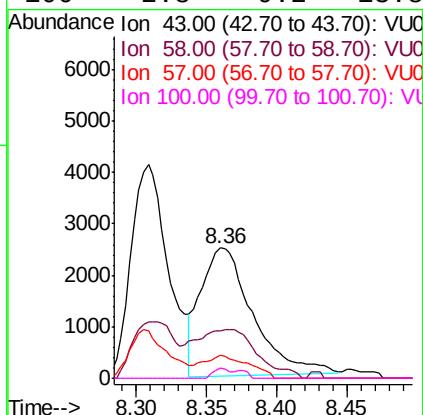
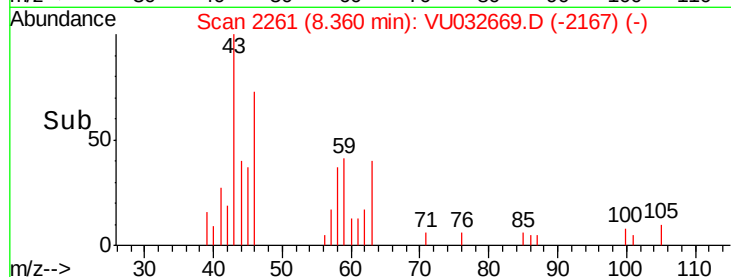
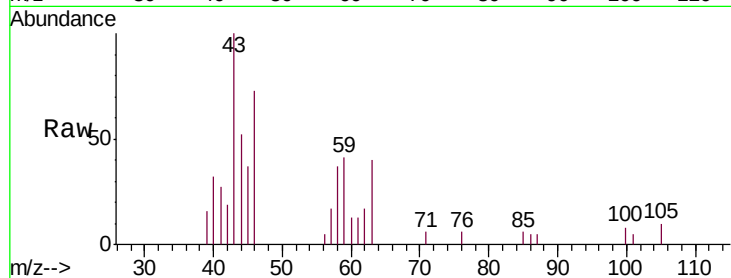




#48
2-Hexanone
Concen: 3.818 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032669.D
Acq: 12 Jun 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
COLZ1

Tgt Ion: 43 Resp: 6372
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 16.0 14.6 22.0
100 2.8 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 5.911 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032669.D
Acq: 12 Jun 2019 21:51

Tgt Ion: 75 Resp: 9704
Ion Ratio Lower Upper
75 100
77 38.2 25.6 38.4

