

Data File : VU032663.D
Acq On : 12 Jun 2019 19:34
Operator : JC/SP
Sample : K3313-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLY5

Quant Time: Jun 13 06:02:02 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	173238	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51636	45.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.88%
7) Chloroethane-d5	1.68	69	42685	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.52%
11) 1,1-Dichloroethene-d2	2.27	63	78172	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.04%
21) 2-Butanone-d5	4.17	46	93361	99.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.26%
24) Chloroform-d	4.64	84	99164	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
26) 1,2-Dichloroethane-d4	5.31	65	66869	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
32) Benzene-d6	5.33	84	201162	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
36) 1,2-Dichloropropane-d6	6.32	67	65160	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.56	98	183544	45.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.74%
43) trans-1,3-Dichloropropene-	7.85	79	27912	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.20%
47) 2-Hexanone-d5	8.31	63	58230	89.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89464	46.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	74247	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%

Target Compounds

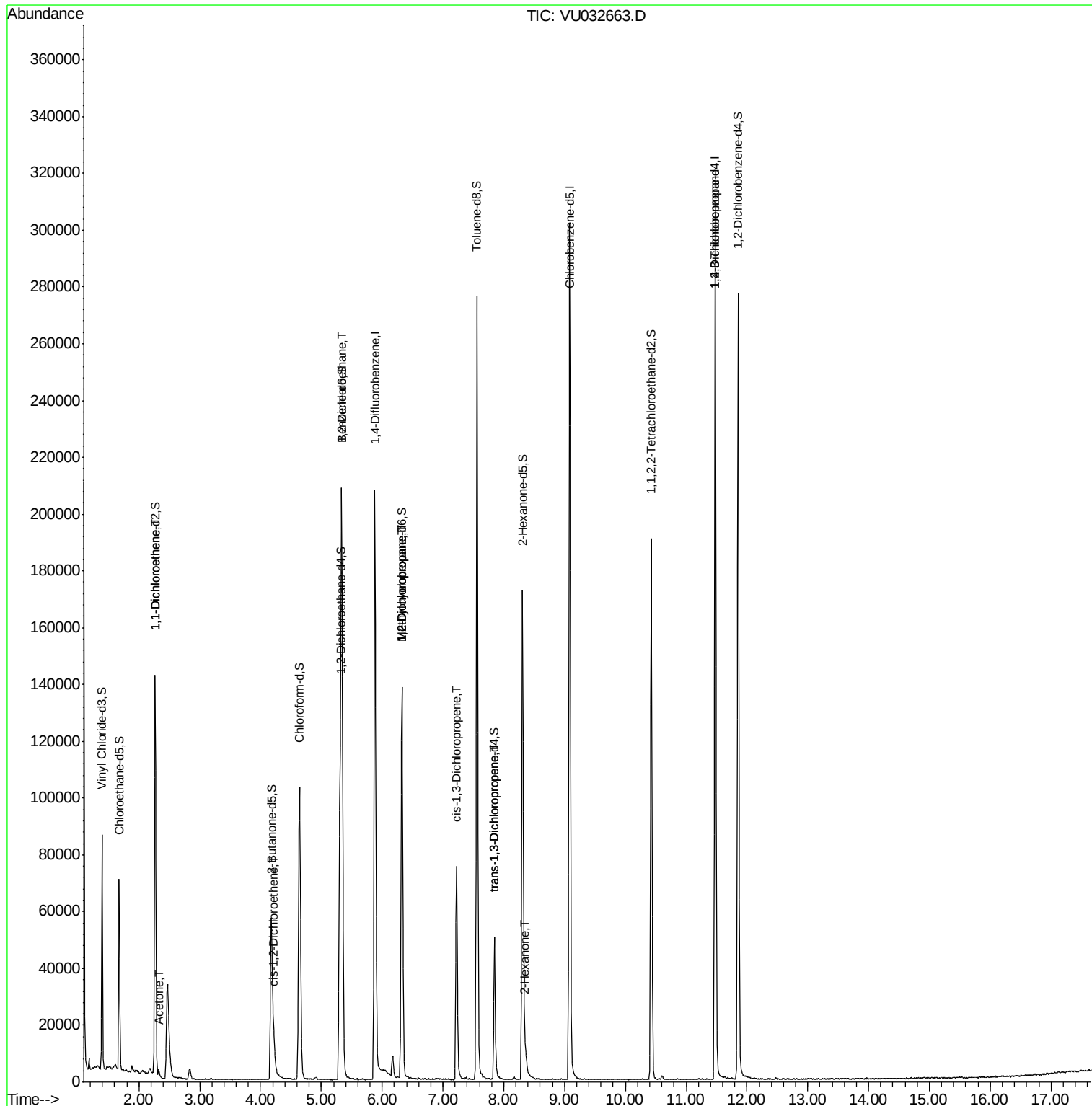
					Qvalue
12) 1,1-Dichloroethene	2.28	96	2608	2.537 ug/L #	1
13) Acetone	2.32	43	2404	2.477 ug/L	83
20) cis-1,2-Dichloroethene	4.23	96	2950	2.340 ug/L	99
27) 1,2-Dichloroethane	5.33	62	1213	0.732 ug/L #	75
35) Methylcyclohexane	6.32	83	14696	7.226 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7438	6.077 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1843	0.954 ug/L #	49
44) trans-1,3-Dichloropropene	7.85	75	1354	0.790 ug/L #	74
48) 2-Hexanone	8.36	43	3804	2.352 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	9823	6.173 ug/L	89

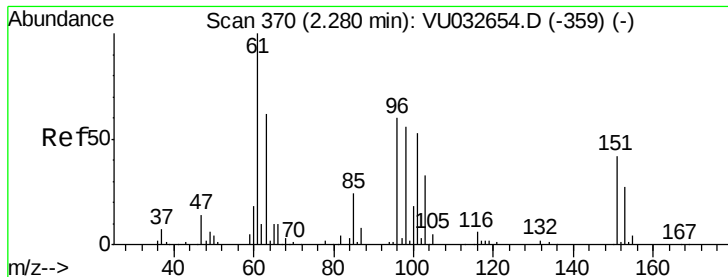
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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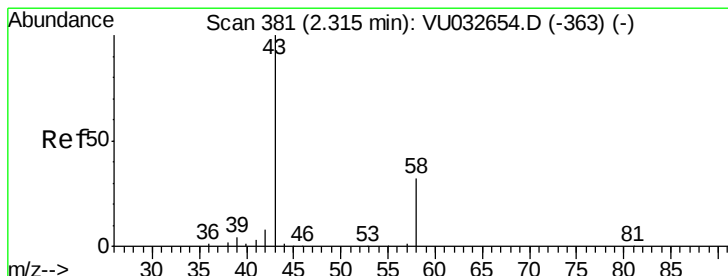
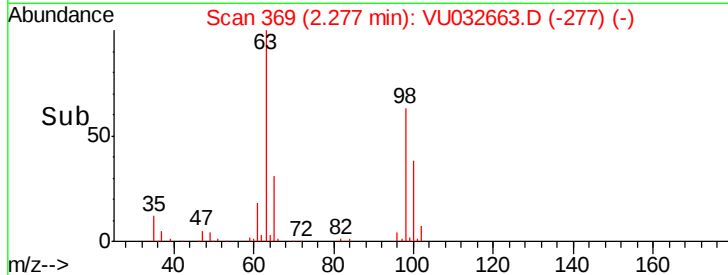
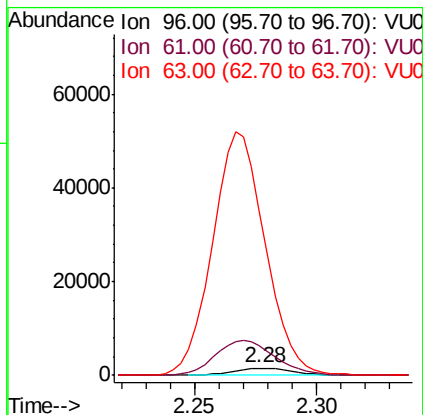
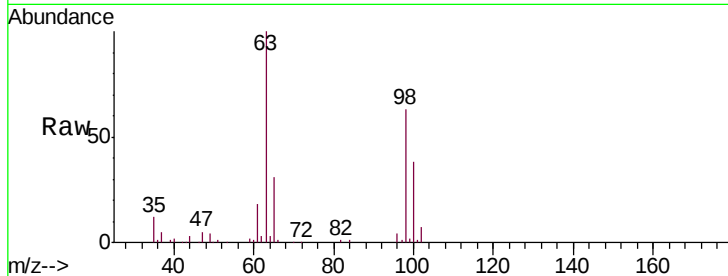




#12
 1,1-Dichloroethene
 Concen: 2.537 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU032663.D
 Acq: 12 Jun 2019 19:34

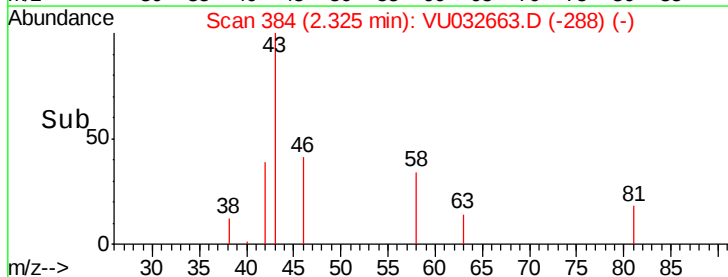
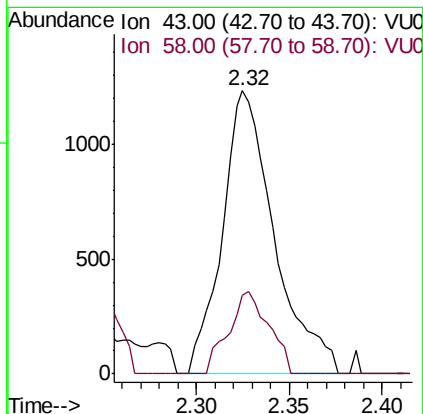
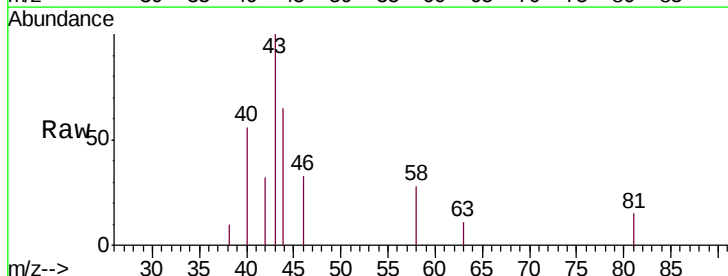
Instrument :
 MSVOA_U
 ClientSampleId :
 COLY5

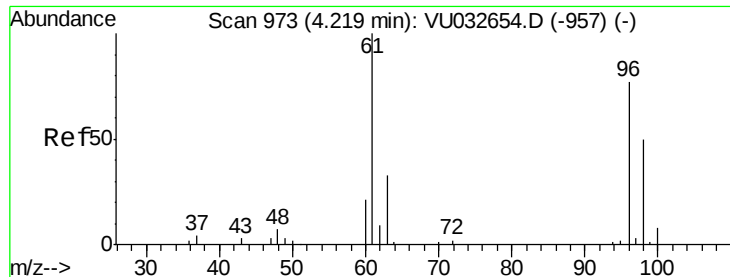
Tgt Ion: 96 Resp: 2608
 Ion Ratio Lower Upper
 96 100
 61 404.8 129.5 240.5#
 63 2270.5 103.4 192.0#



#13
 Acetone
 Concen: 2.477 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VU032663.D
 Acq: 12 Jun 2019 19:34

Tgt Ion: 43 Resp: 2404
 Ion Ratio Lower Upper
 43 100
 58 22.4 0.0 64.0

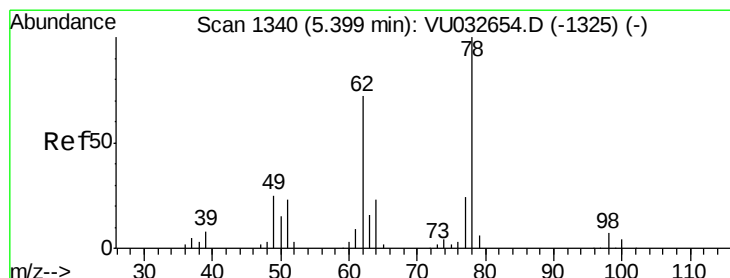
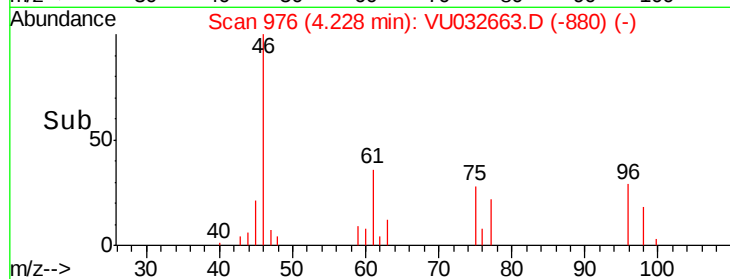
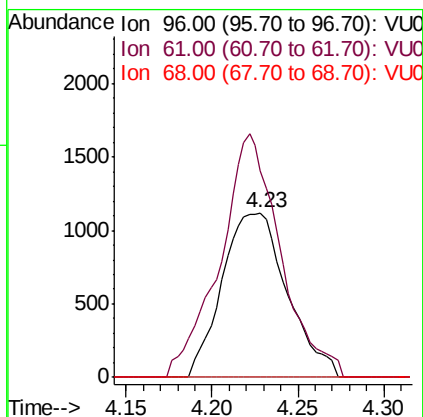
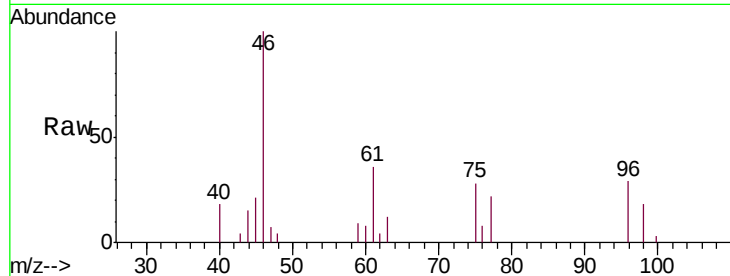




#20
 cis-1,2-Dichloroethene
 Concen: 2.340 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU032663.D
 Acq: 12 Jun 2019 19:34

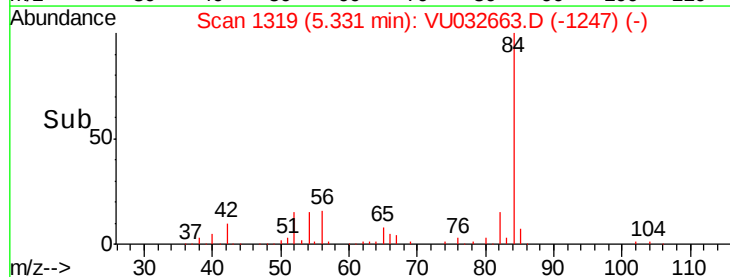
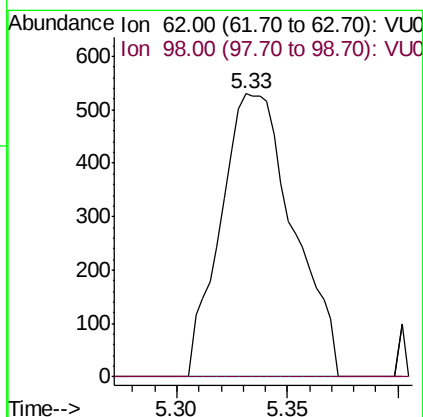
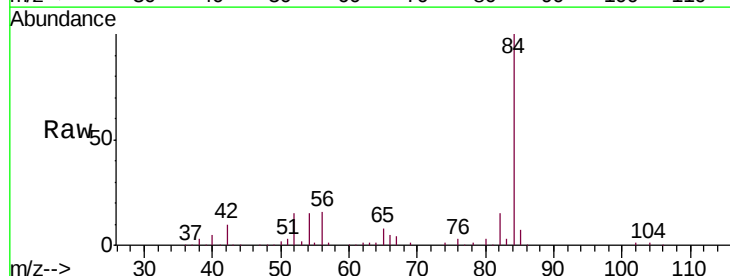
Instrument :
 MSVOA_U
 ClientSampleId :
 COLY5

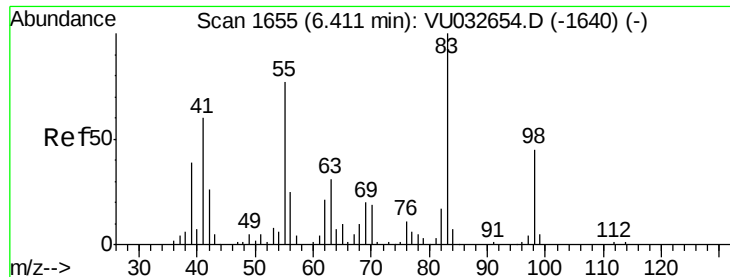
Tgt Ion: 96 Resp: 2950
 Ion Ratio Lower Upper
 96 100
 61 125.8 87.2 162.0
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.732 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU032663.D
 Acq: 12 Jun 2019 19:34

Tgt Ion: 62 Resp: 1213
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#

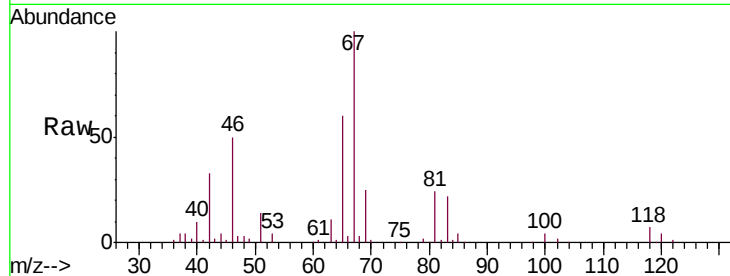




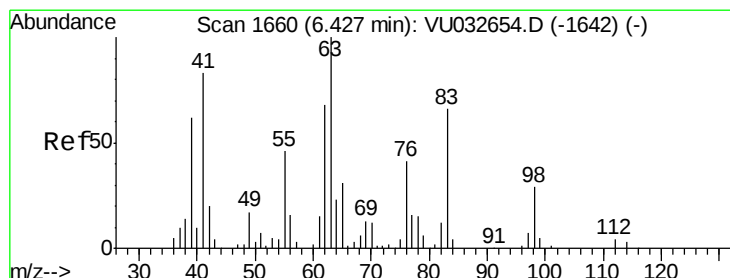
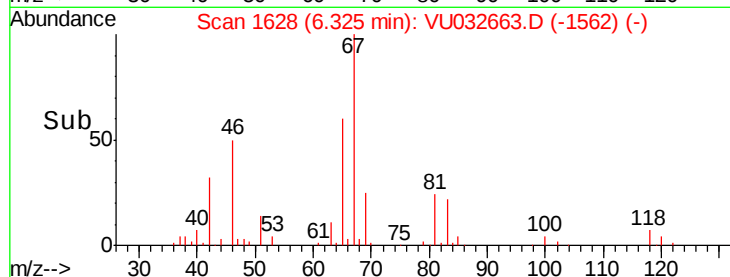
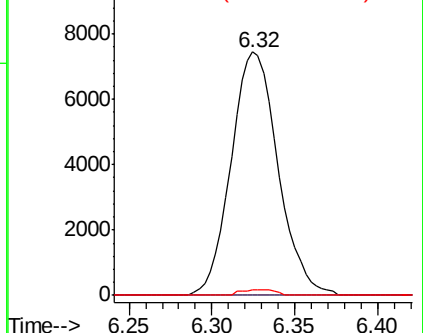
#35
Methylcyclohexane
Concen: 7.226 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032663.D
Acq: 12 Jun 2019 19:34

Instrument :
MSVOA_U
ClientSampleId :
COLY5

Tgt Ion: 83 Resp: 14696
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 1.1 37.4 56.2#

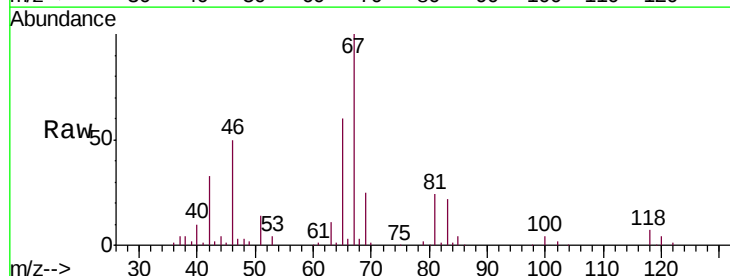


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

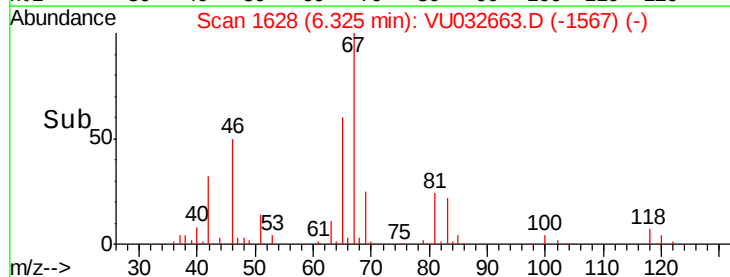
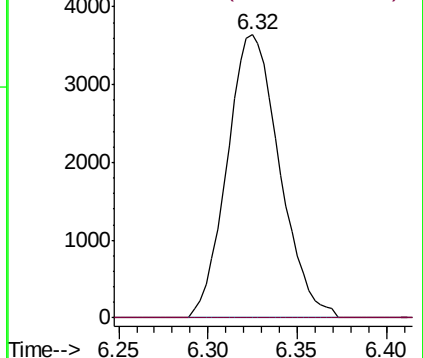


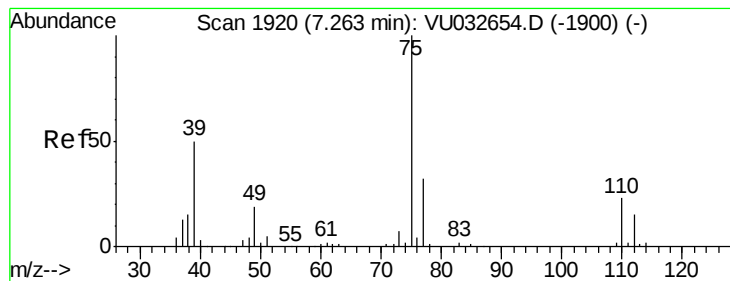
#37
1,2-Dichloropropane
Concen: 6.077 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032663.D
Acq: 12 Jun 2019 19:34

Tgt Ion: 63 Resp: 7438
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



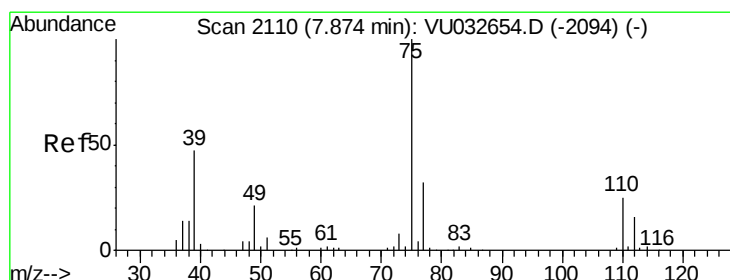
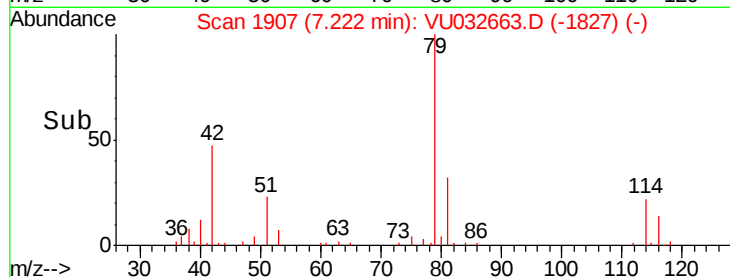
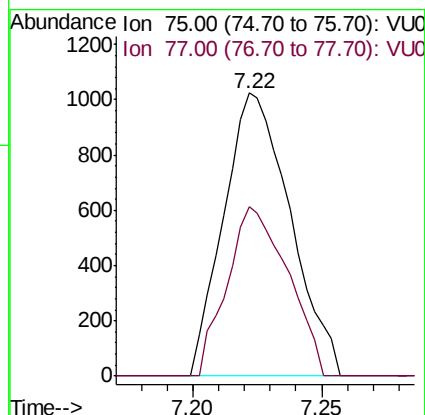
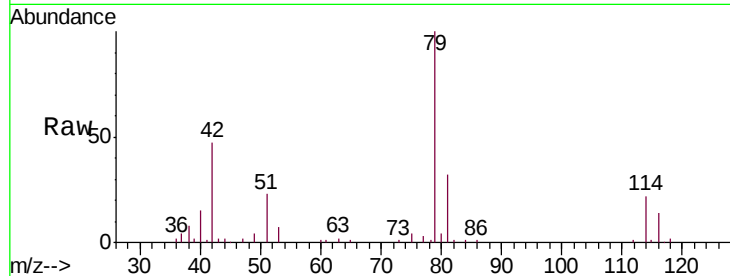


#39

cis-1,3-Dichloropropene
Concen: 0.954 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032663.D
Acq: 12 Jun 2019 19:34

Instrument :
MSVOA_U
ClientSampleId :
COLY5

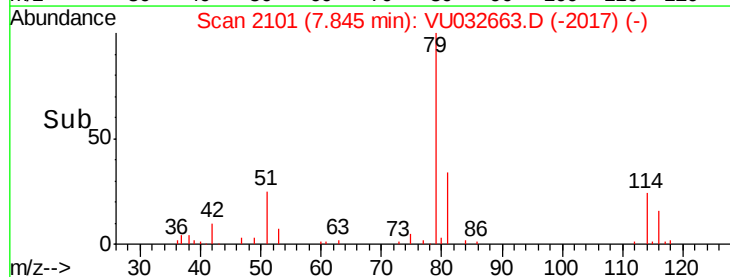
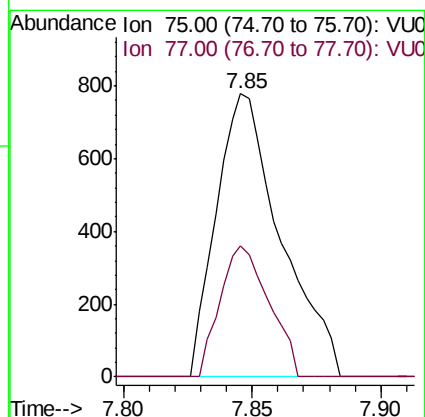
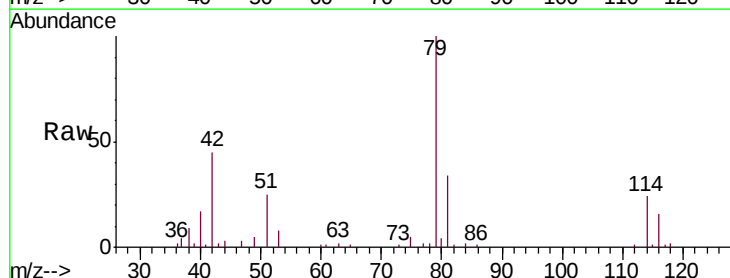
Tgt Ion: 75 Resp: 1843
Ion Ratio Lower Upper
75 100
77 59.8 22.0 41.0#

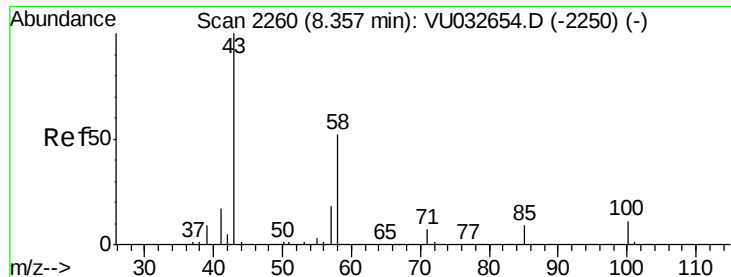


#44

trans-1,3-Dichloropropene
Concen: 0.790 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032663.D
Acq: 12 Jun 2019 19:34

Tgt Ion: 75 Resp: 1354
Ion Ratio Lower Upper
75 100
77 46.1 22.1 41.1#





#48

2-Hexanone

Concen: 2.352 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU032663.D

Acq: 12 Jun 2019 19:34

Instrument :

MSVOA_U

ClientSampleId :

C0LY5

Tgt Ion: 43 Resp: 3804

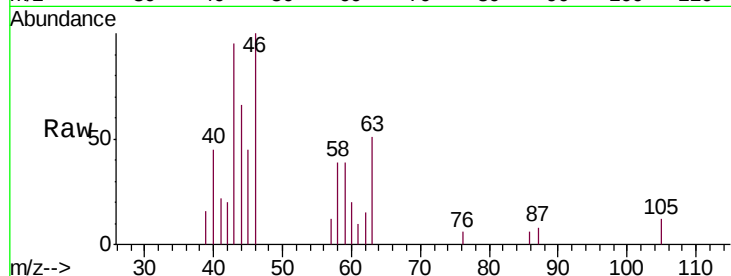
Ion Ratio Lower Upper

43 100

58 32.3 42.0 63.0#

57 10.2 14.6 22.0#

100 0.5 9.2 13.8#

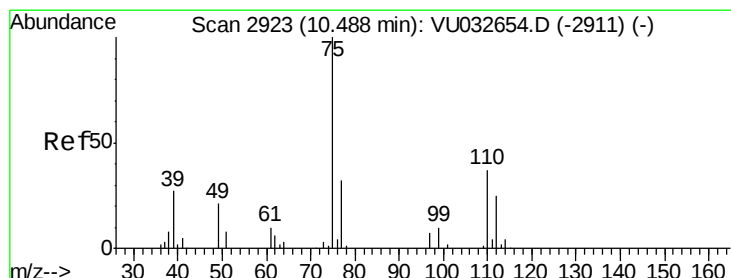
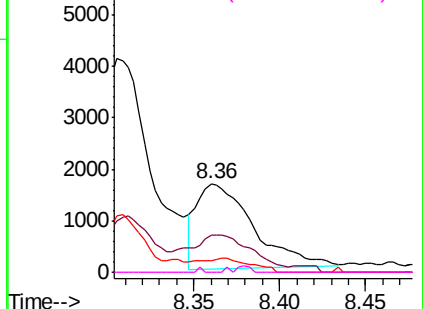
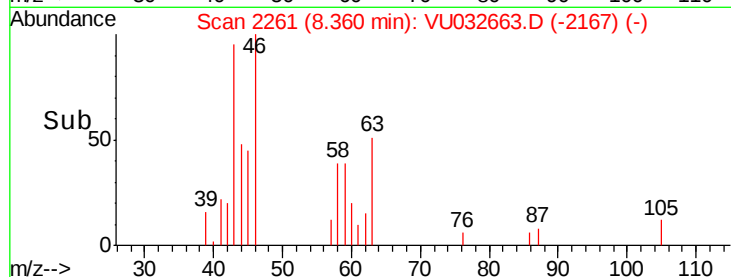


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#59

1,2,3-Trichloropropane

Concen: 6.173 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032663.D

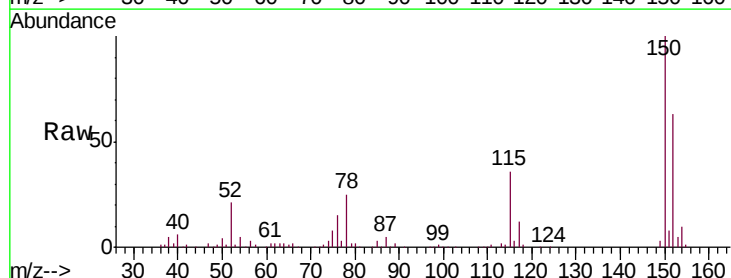
Acq: 12 Jun 2019 19:34

Tgt Ion: 75 Resp: 9823

Ion Ratio Lower Upper

75 100

77 38.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

