

Data File : VU032668.D
Acq On : 12 Jun 2019 21:28
Operator : JC/SP
Sample : K3313-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLZ0

Quant Time: Jun 13 06:02:44 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	170333	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	163296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51327	46.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.88%
7) Chloroethane-d5	1.68	69	41482	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.42%
11) 1,1-Dichloroethene-d2	2.27	63	77261	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
21) 2-Butanone-d5	4.17	46	88877	96.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	4.64	84	98823	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
26) 1,2-Dichloroethane-d4	5.30	65	65953	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
32) Benzene-d6	5.33	84	197450	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
36) 1,2-Dichloropropane-d6	6.32	67	63031	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	7.56	98	179745	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloropropene-	7.85	79	27594	43.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.76%
47) 2-Hexanone-d5	8.31	63	52118	80.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87171	45.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	73914	48.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.94%

Target Compounds

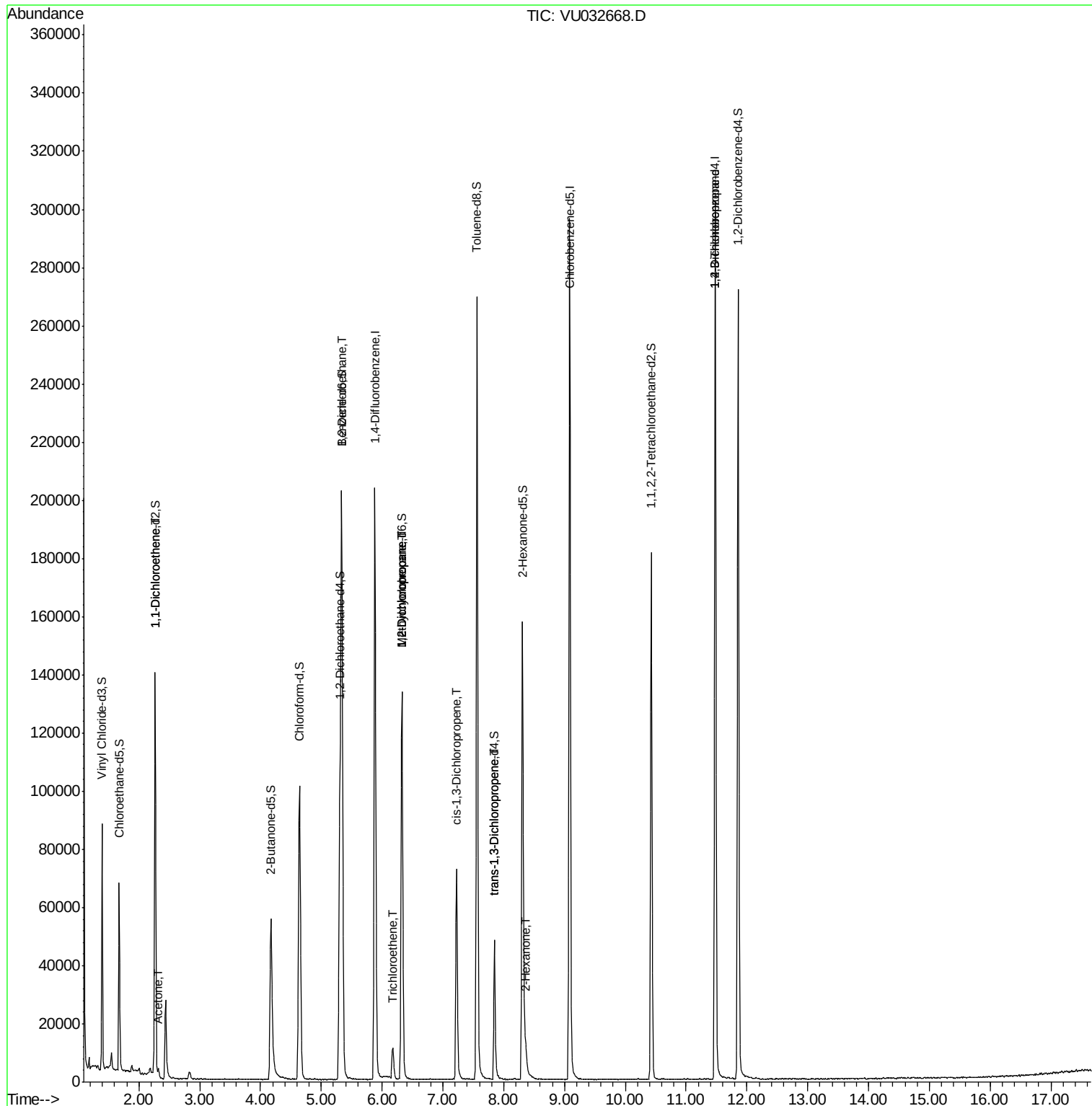
					Qvalue
12) 1,1-Dichloroethene	2.27	96	662	0.655 ug/L #	1
13) Acetone	2.32	43	2942	3.083 ug/L	86
27) 1,2-Dichloroethane	5.34	62	1201	0.737 ug/L #	75
34) Trichloroethene	6.18	95	1108	0.888 ug/L	91
35) Methylcyclohexane	6.32	83	14776	7.312 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	7406	6.089 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1931	1.006 ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	1313	0.771 ug/L	93
48) 2-Hexanone	8.36	43	5758	3.583 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	9620	6.084 ug/L #	88

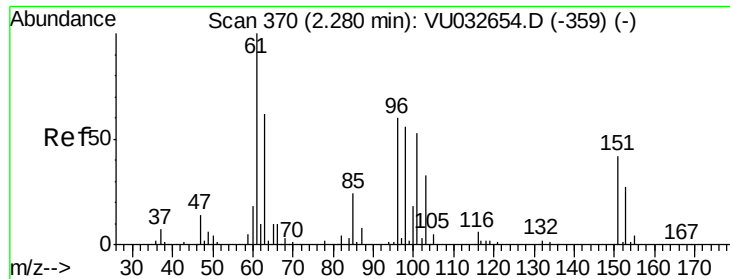
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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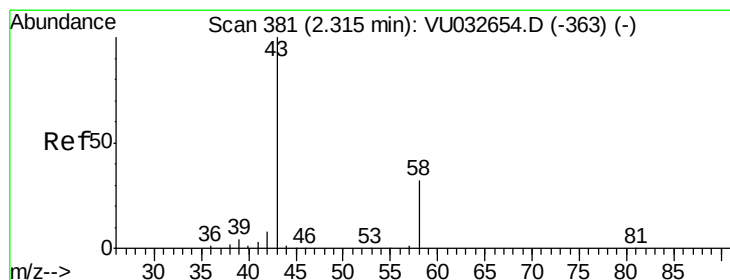
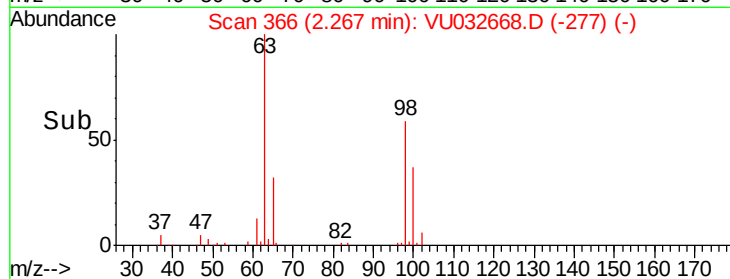
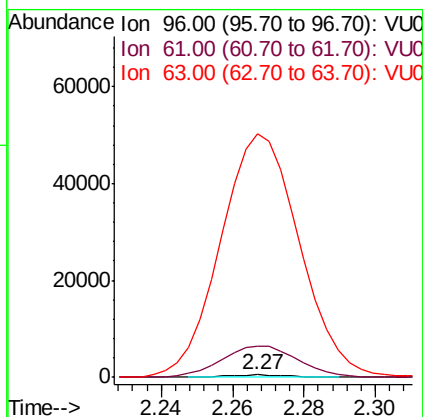
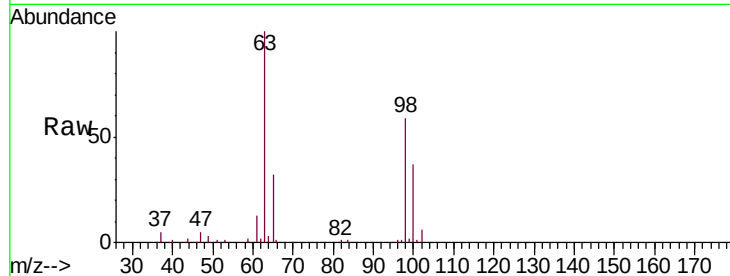




#12
 1,1-Dichloroethene
 Concen: 0.655 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU032668.D
 Acq: 12 Jun 2019 21:28

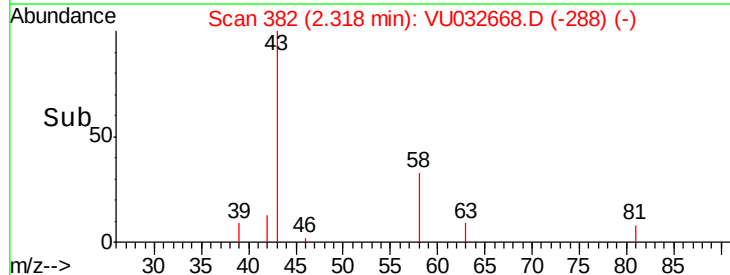
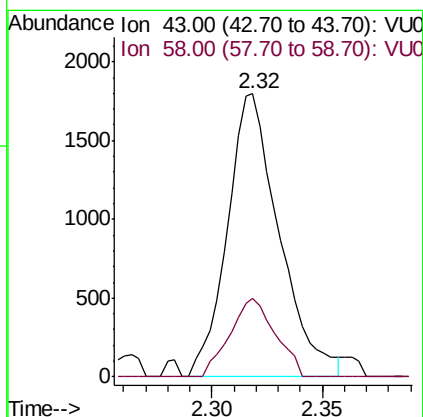
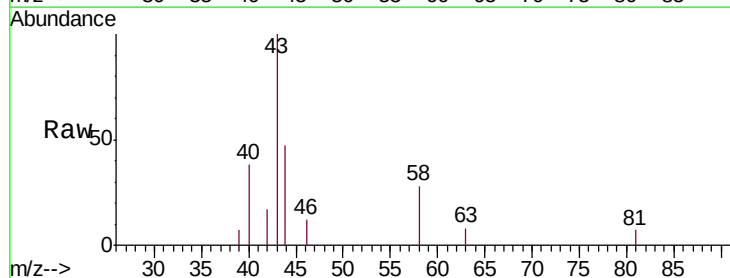
Instrument :
 MSVOA_U
 ClientSampleId :
 COLZ0

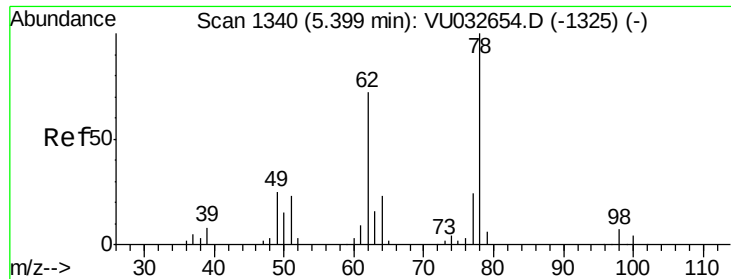
Tgt Ion: 96 Resp: 662
 Ion Ratio Lower Upper
 96 100
 61 1305.4 129.5 240.5#
 63 10111.9 103.4 192.0#



#13
 Acetone
 Concen: 3.083 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032668.D
 Acq: 12 Jun 2019 21:28

Tgt Ion: 43 Resp: 2942
 Ion Ratio Lower Upper
 43 100
 58 24.3 0.0 64.0

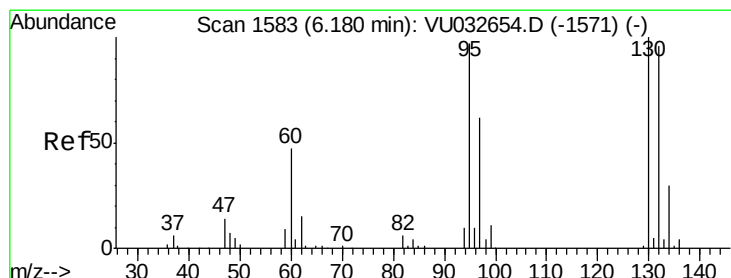
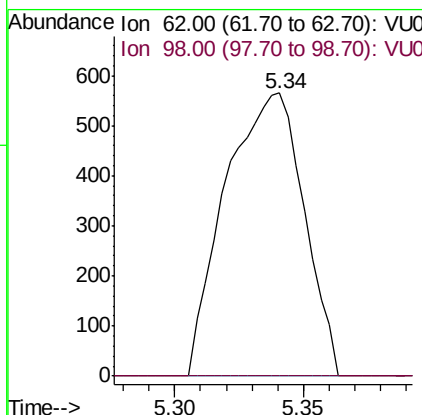
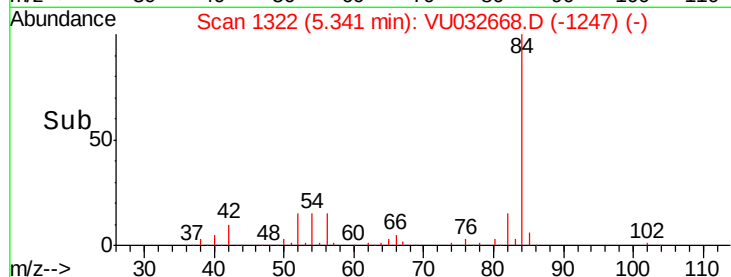
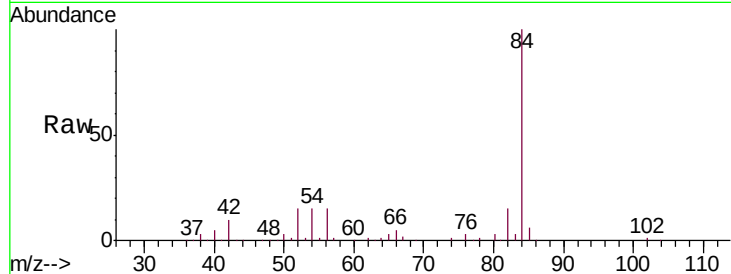




#27
 1,2-Dichloroethane
 Concen: 0.737 ug/L
 RT: 5.34 min Scan# 1322
 Delta R.T. -0.06 min
 Lab File: VU032668.D
 Acq: 12 Jun 2019 21:28

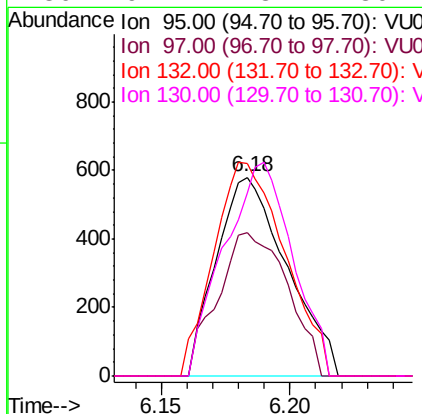
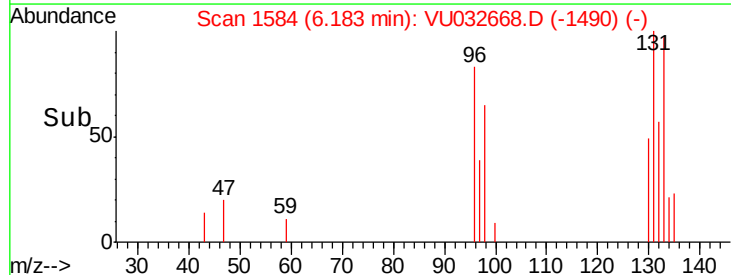
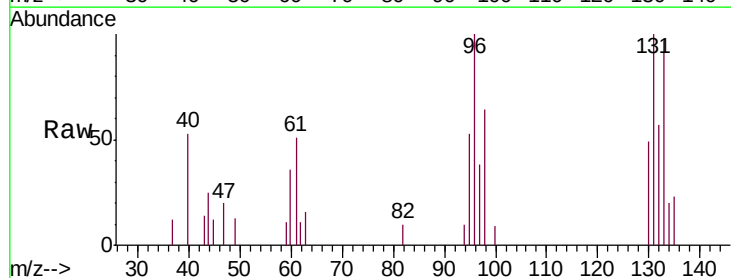
Instrument :
 MSVOA_U
 ClientSampleId :
 COLZ0

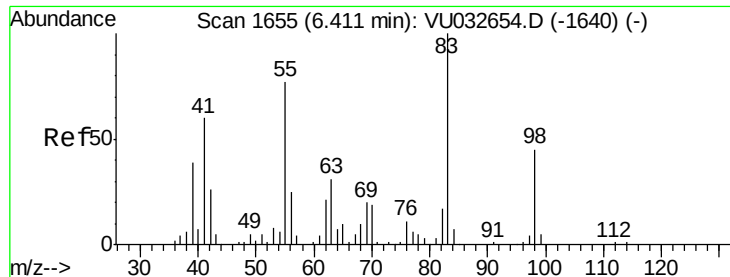
Tgt Ion: 62 Resp: 1201
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#34
 Trichloroethene
 Concen: 0.888 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032668.D
 Acq: 12 Jun 2019 21:28

Tgt Ion: 95 Resp: 1108
 Ion Ratio Lower Upper
 95 100
 97 72.2 45.8 85.2
 132 107.2 71.0 131.8
 130 92.1 73.4 136.2

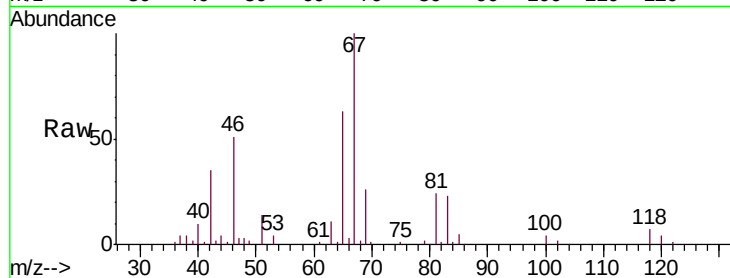




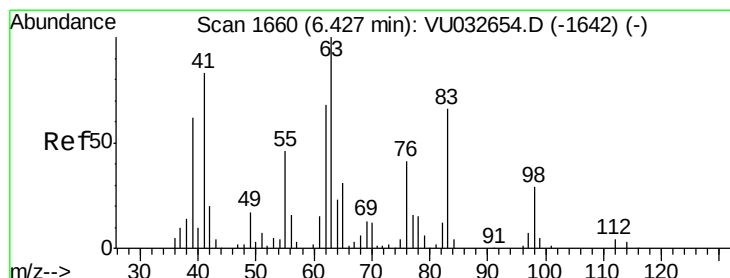
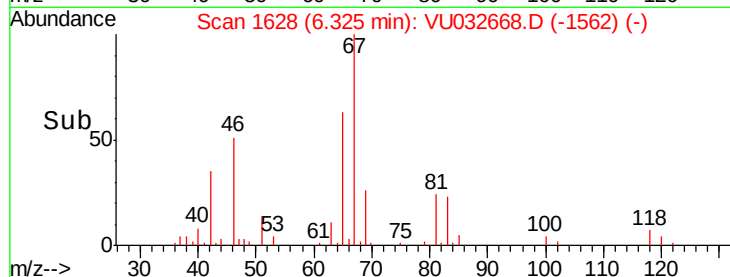
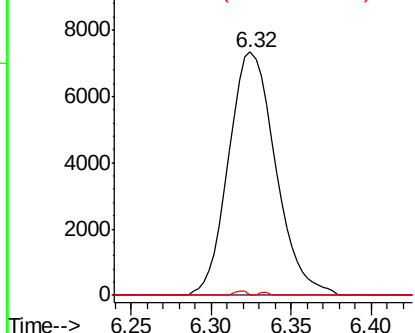
#35
Methylcyclohexane
Concen: 7.312 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032668.D
Acq: 12 Jun 2019 21:28

Instrument :
MSVOA_U
ClientSampleId :
COLZ0

Tgt Ion: 83 Resp: 14776
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 0.3 37.4 56.2#

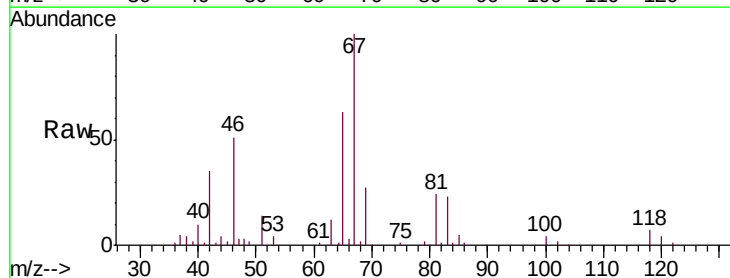


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

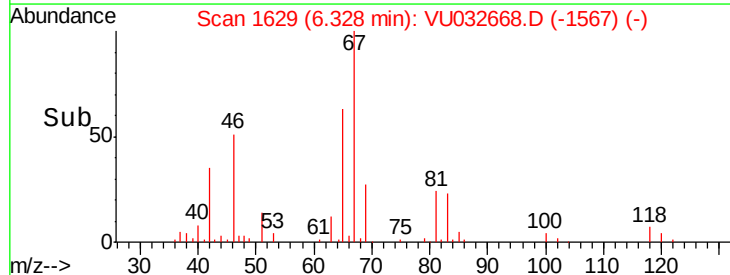
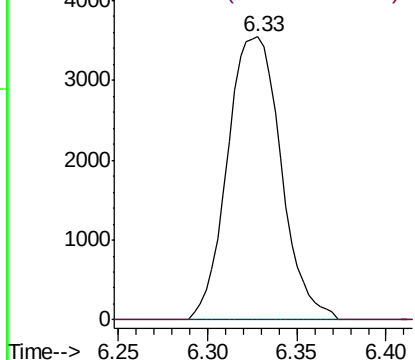


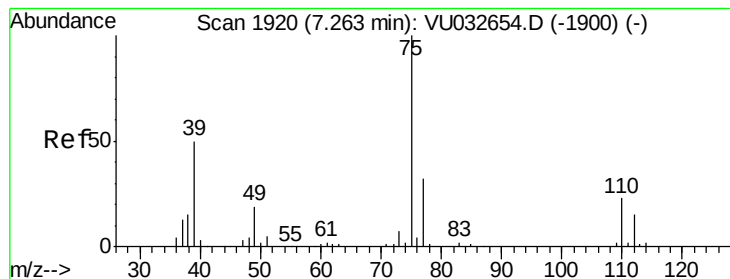
#37
1,2-Dichloropropane
Concen: 6.089 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032668.D
Acq: 12 Jun 2019 21:28

Tgt Ion: 63 Resp: 7406
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



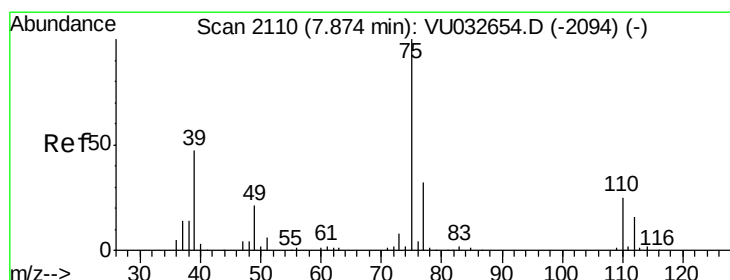
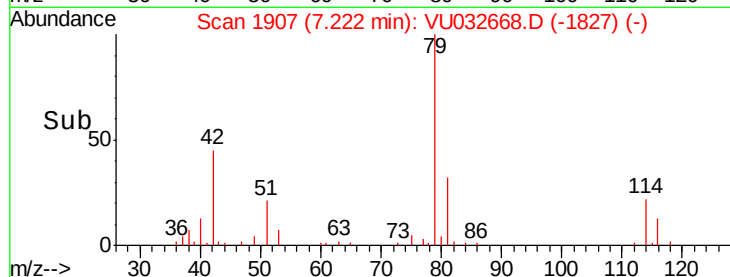
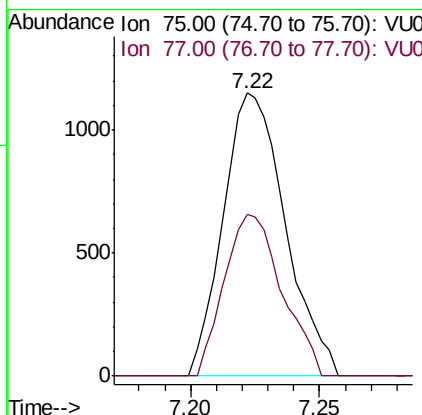
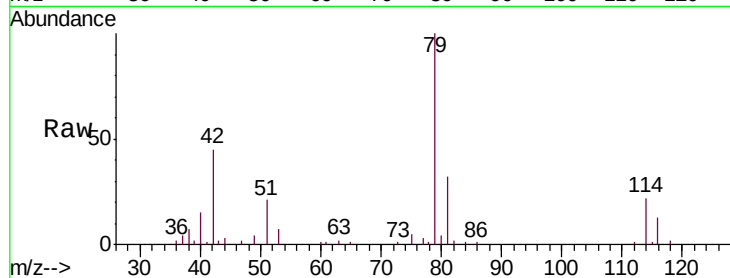


#39

cis-1,3-Dichloropropene
Concen: 1.006 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032668.D
Acq: 12 Jun 2019 21:28

Instrument :
MSVOA_U
ClientSampleId :
COLZ0

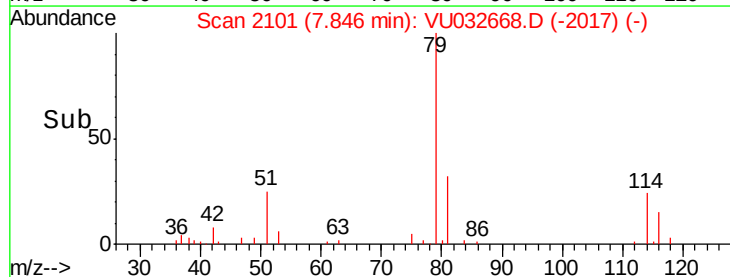
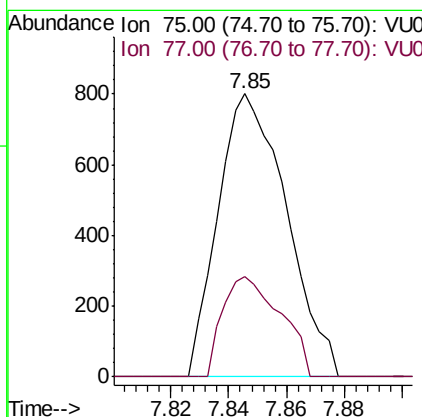
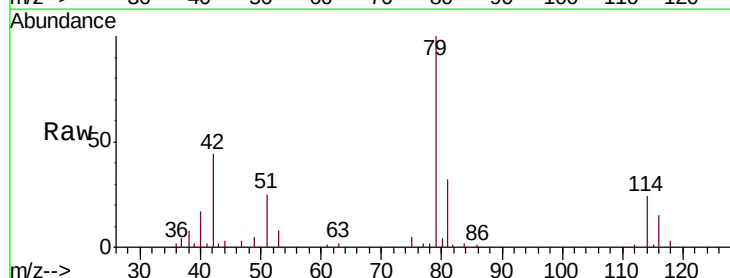
Tgt Ion: 75 Resp: 1931
Ion Ratio Lower Upper
75 100
77 57.0 22.0 41.0#

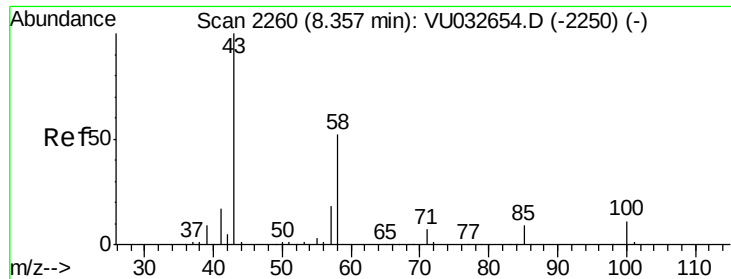


#44

trans-1,3-Dichloropropene
Concen: 0.771 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032668.D
Acq: 12 Jun 2019 21:28

Tgt Ion: 75 Resp: 1313
Ion Ratio Lower Upper
75 100
77 35.6 22.1 41.1

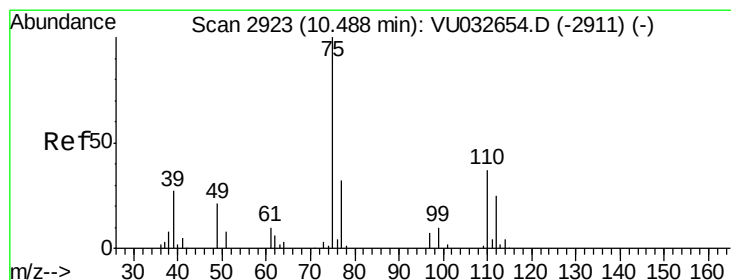
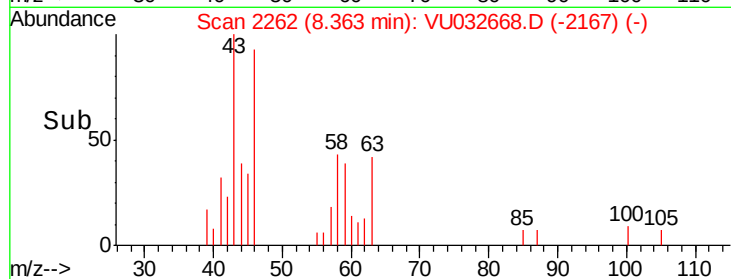
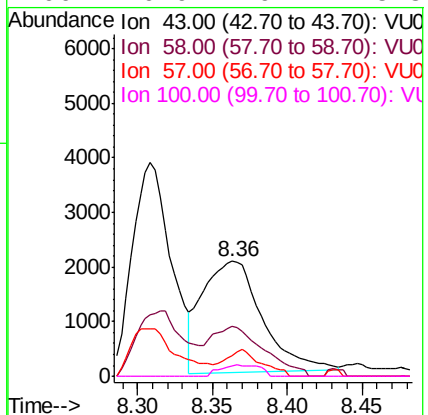
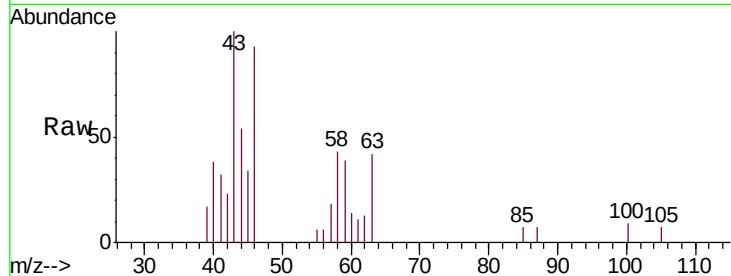




#48
2-Hexanone
Concen: 3.583 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032668.D
Acq: 12 Jun 2019 21:28

Instrument :
MSVOA_U
ClientSampleId :
COLZ0

Tgt Ion: 43 Resp: 5758
Ion Ratio Lower Upper
43 100
58 38.5 42.0 63.0#
57 14.1 14.6 22.0#
100 0.9 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.084 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032668.D
Acq: 12 Jun 2019 21:28

Tgt Ion: 75 Resp: 9620
Ion Ratio Lower Upper
75 100
77 38.7 25.6 38.4#

