

Data File : VU032670.D
Acq On : 12 Jun 2019 22:14
Operator : JC/SP
Sample : K3313-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLZ2

Quant Time: Jun 13 06:03:00 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	169401	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	160438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78304	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50716	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.28%
7) Chloroethane-d5	1.68	69	40860	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.52%
11) 1,1-Dichloroethene-d2	2.27	63	76386	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	4.17	46	85711	93.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.19%
24) Chloroform-d	4.64	84	96717	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	5.31	65	65026	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.33	84	193969	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.32	67	62874	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.28%
41) Toluene-d8	7.56	98	176284	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.85	79	26845	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.90%
47) 2-Hexanone-d5	8.31	63	48656	76.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84335	44.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	70492	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

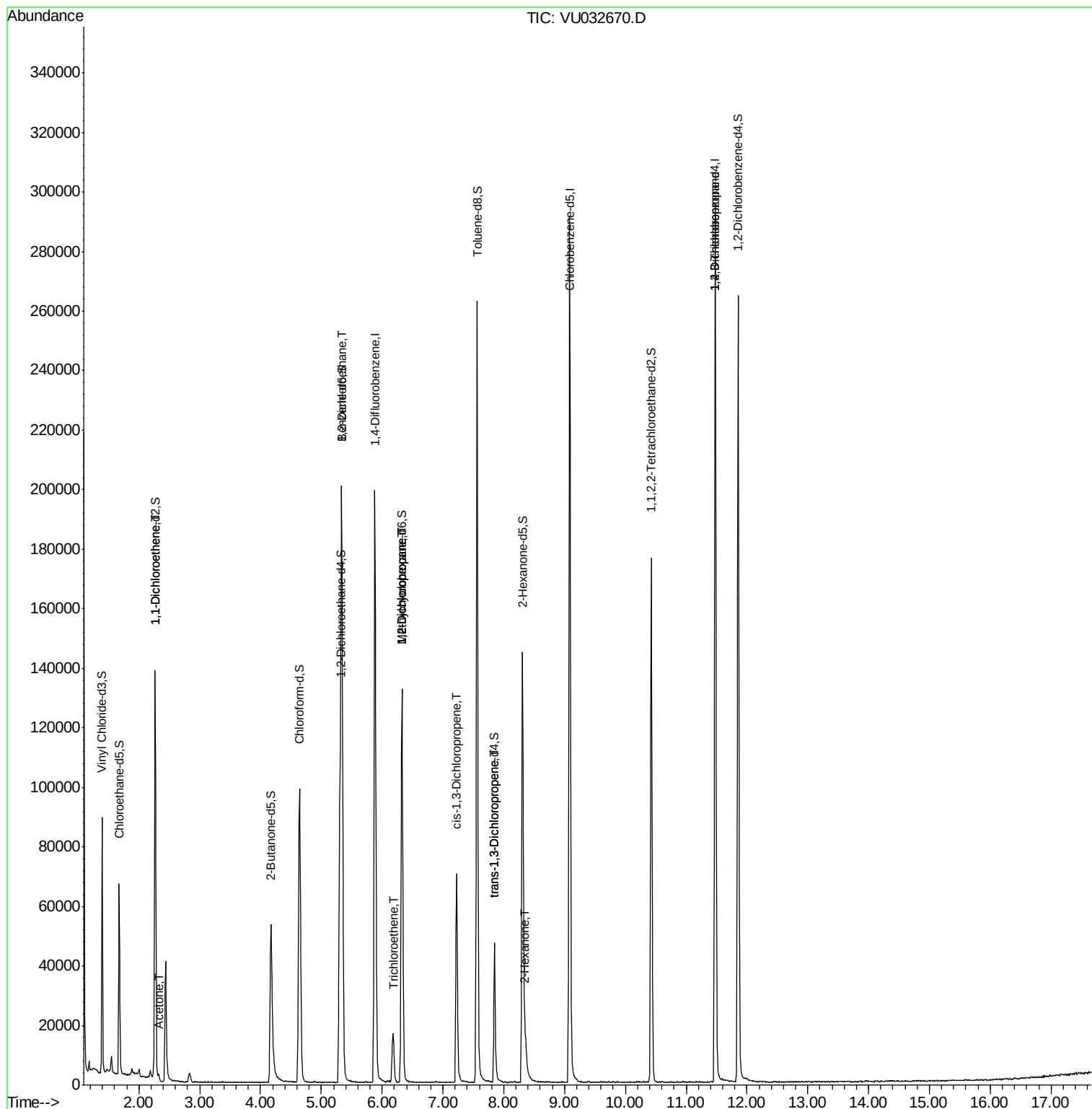
					Qvalue
12) 1,1-Dichloroethene	2.27	96	717	0.713 ug/L #	1
13) Acetone	2.32	43	2027	2.136 ug/L	90
27) 1,2-Dichloroethane	5.34	62	1153	0.712 ug/L #	75
34) Trichloroethene	6.19	95	3696	3.014 ug/L	98
35) Methylcyclohexane	6.32	83	13908	7.005 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7134	5.970 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1769	0.938 ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1133	0.677 ug/L	87
48) 2-Hexanone	8.36	43	5532	3.504 ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	9750	6.277 ug/L	93

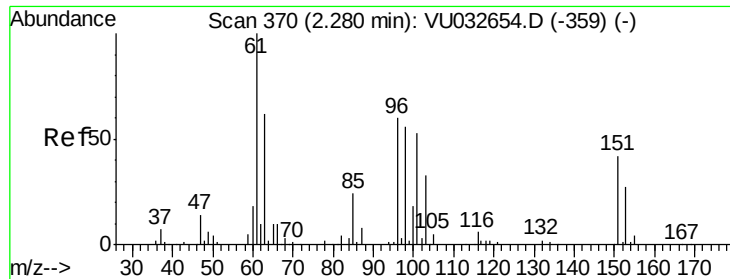
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

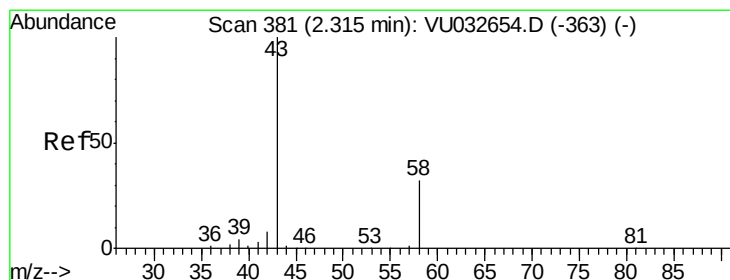
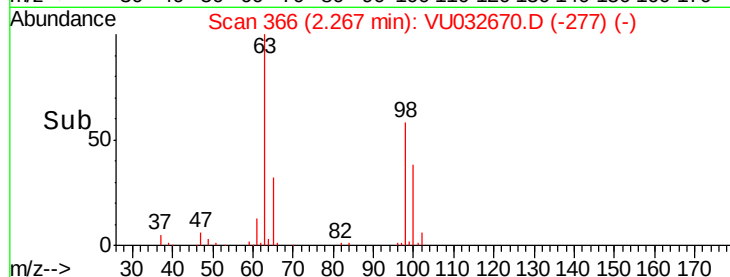
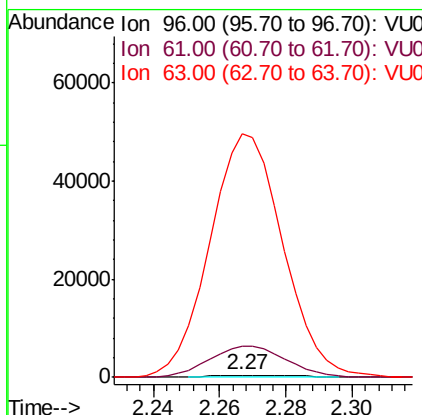
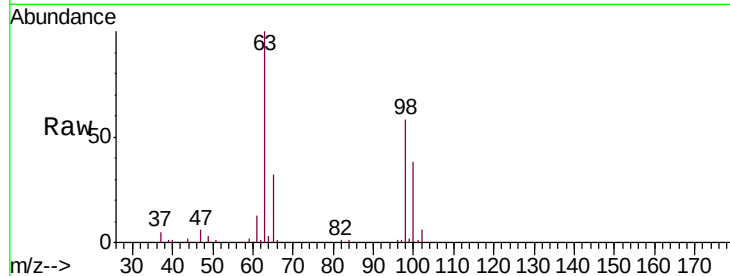




#12
 1,1-Dichloroethene
 Concen: 0.713 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU032670.D
 Acq: 12 Jun 2019 22:14

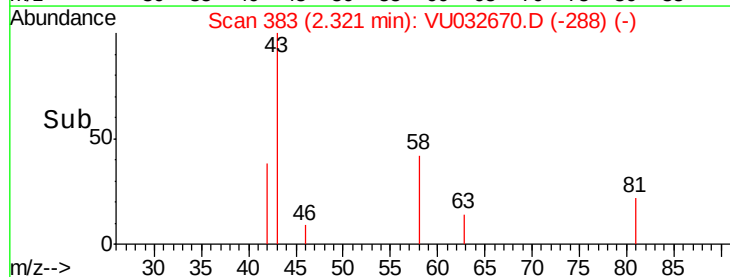
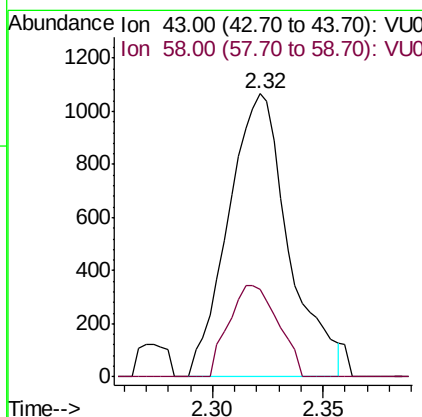
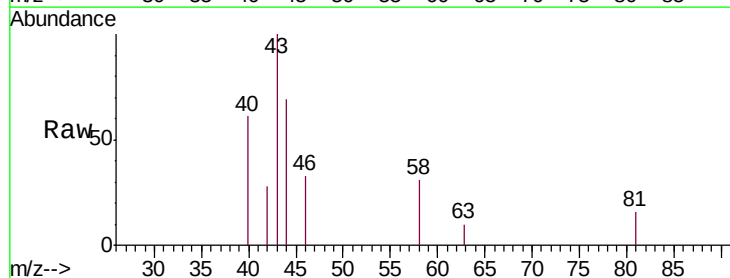
Instrument :
 MSVOA_U
 ClientSampleId :
 COLZ2

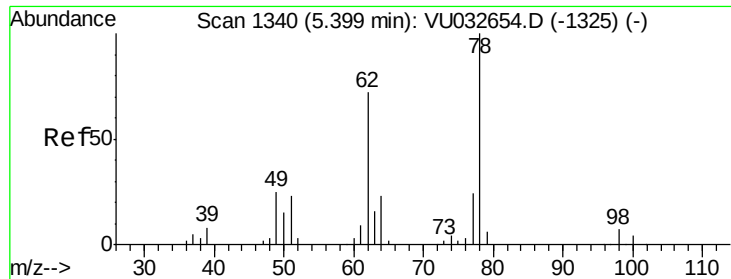
Tgt Ion: 96 Resp: 717
 Ion Ratio Lower Upper
 96 100
 61 1606.0 129.5 240.5#
 63 12472.4 103.4 192.0#



#13
 Acetone
 Concen: 2.136 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VU032670.D
 Acq: 12 Jun 2019 22:14

Tgt Ion: 43 Resp: 2027
 Ion Ratio Lower Upper
 43 100
 58 26.4 0.0 64.0

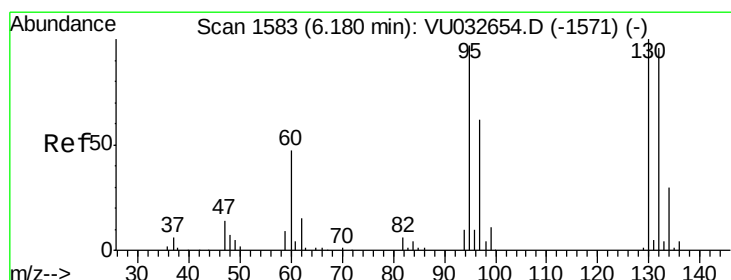
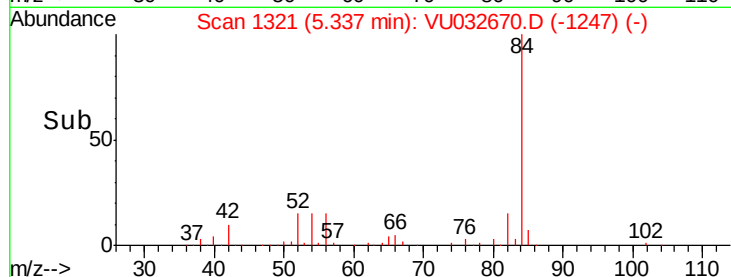
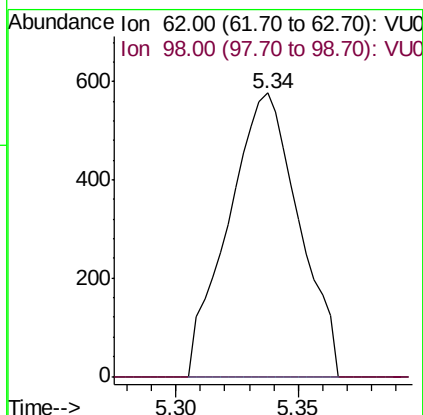
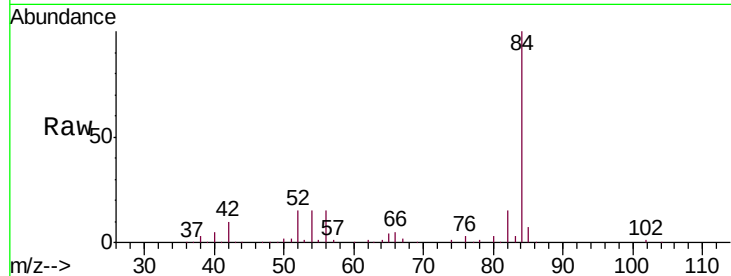




#27
 1,2-Dichloroethane
 Concen: 0.712 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032670.D
 Acq: 12 Jun 2019 22:14

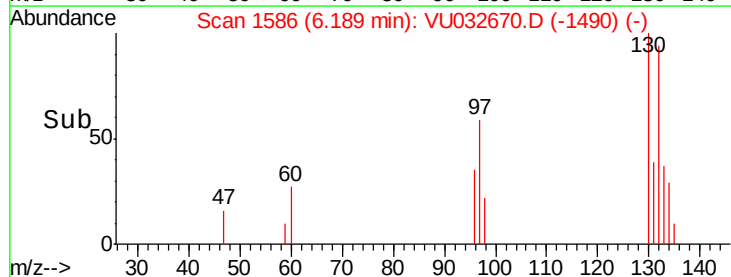
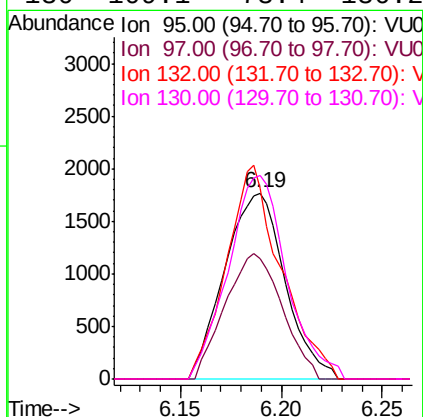
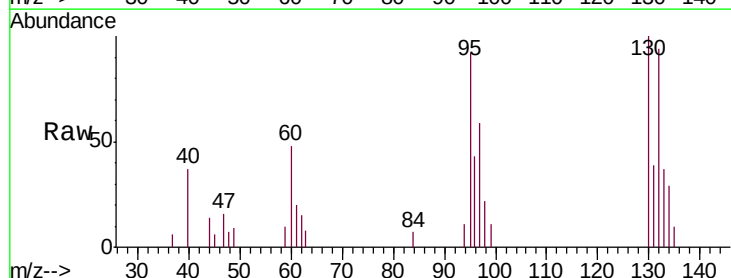
Instrument :
 MSVOA_U
 ClientSampleId :
 COLZ2

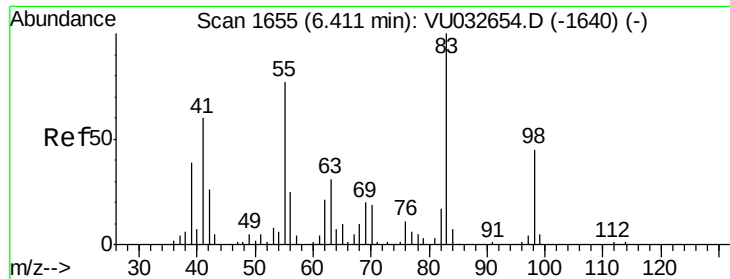
Tgt Ion: 62 Resp: 1153
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#34
 Trichloroethene
 Concen: 3.014 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU032670.D
 Acq: 12 Jun 2019 22:14

Tgt Ion: 95 Resp: 3696
 Ion Ratio Lower Upper
 95 100
 97 64.8 45.8 85.2
 132 102.5 71.0 131.8
 130 109.1 73.4 136.2

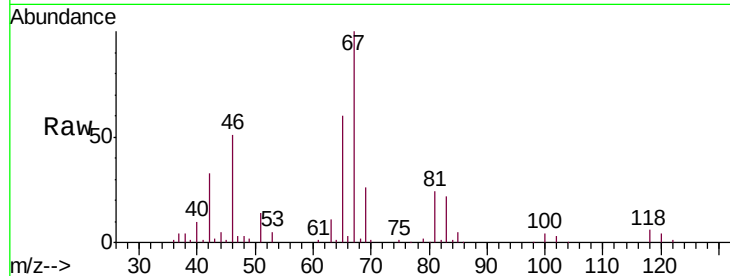




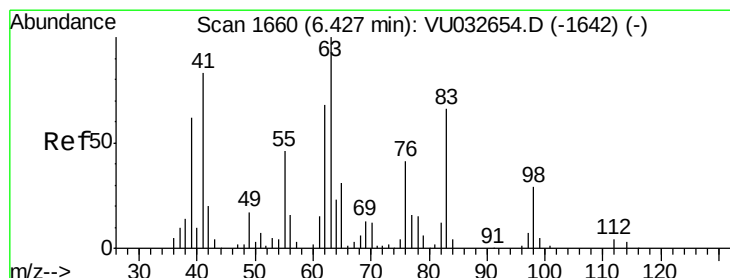
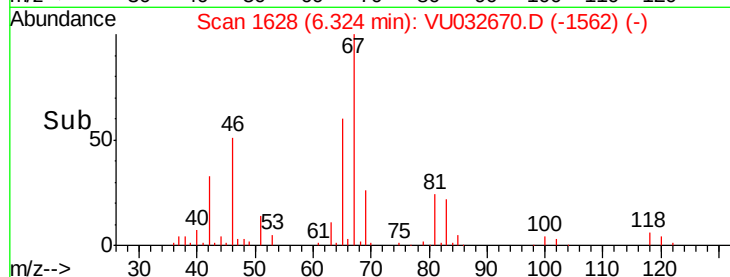
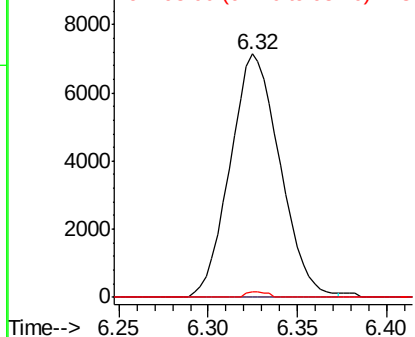
#35
Methylcyclohexane
Concen: 7.005 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032670.D
Acq: 12 Jun 2019 22:14

Instrument :
MSVOA_U
ClientSampled :
COLZ2

Tgt Ion: 83 Resp: 13908
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 1.0 37.4 56.2#

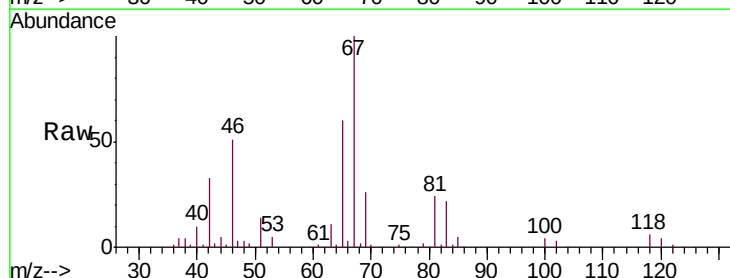


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

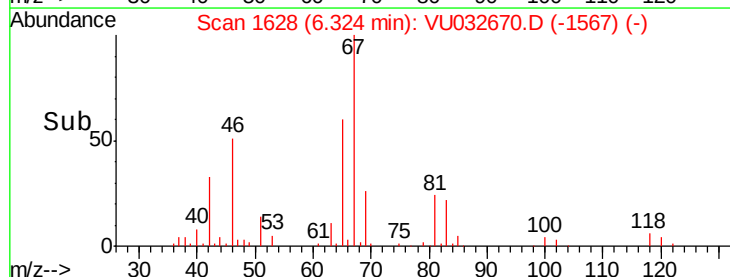
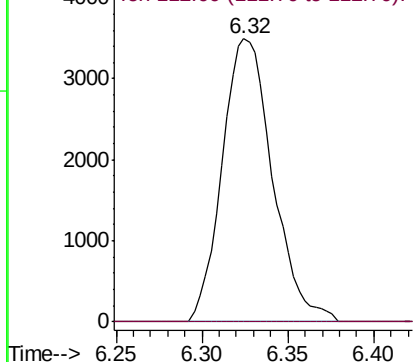


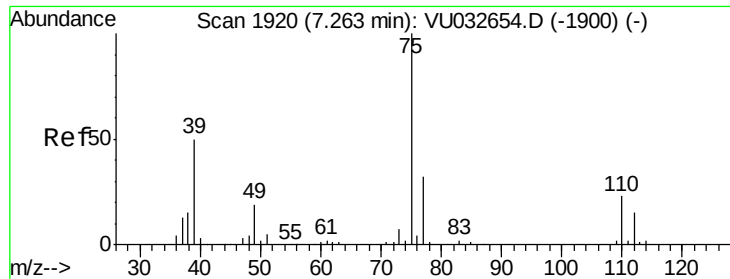
#37
1,2-Dichloropropane
Concen: 5.970 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032670.D
Acq: 12 Jun 2019 22:14

Tgt Ion: 63 Resp: 7134
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

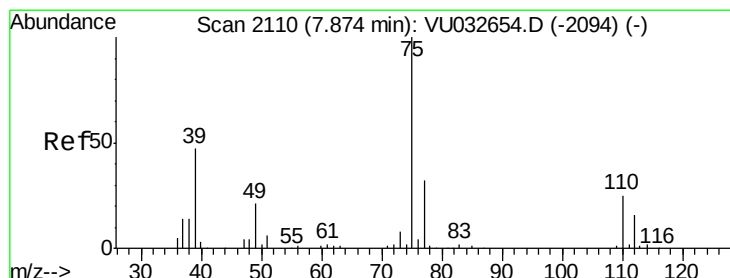
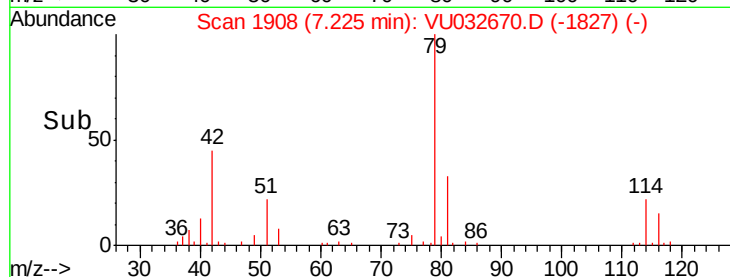
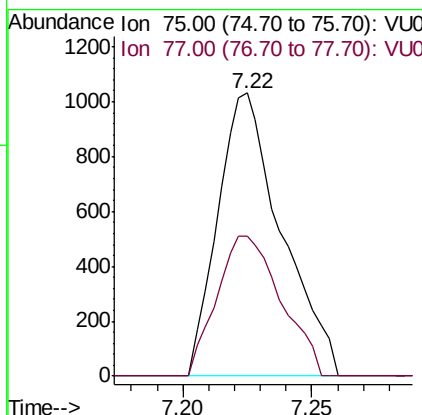
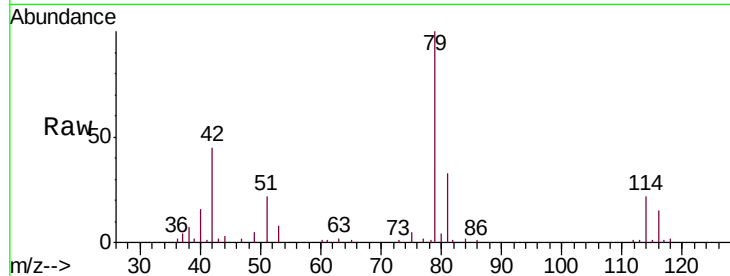




#39
 cis-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032670.D
 Acq: 12 Jun 2019 22:14

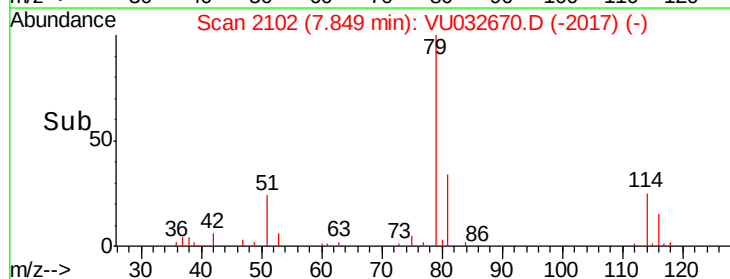
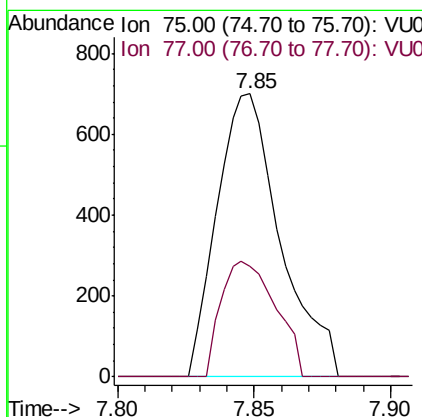
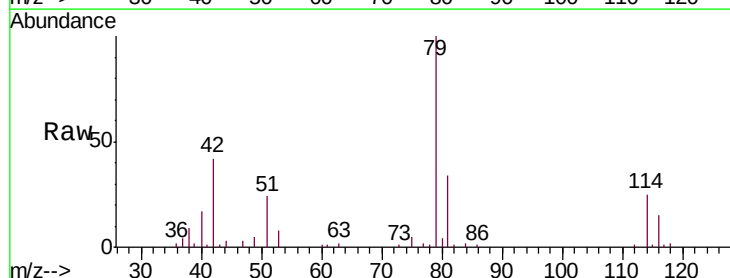
Instrument :
 MSVOA_U
 ClientSampleId :
 COLZ2

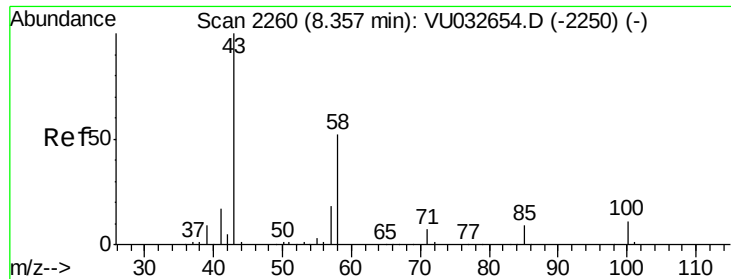
Tgt Ion: 75 Resp: 1769
 Ion Ratio Lower Upper
 75 100
 77 49.3 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.677 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032670.D
 Acq: 12 Jun 2019 22:14

Tgt Ion: 75 Resp: 1133
 Ion Ratio Lower Upper
 75 100
 77 38.9 22.1 41.1

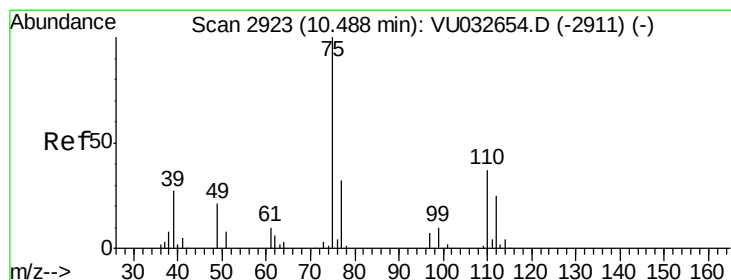
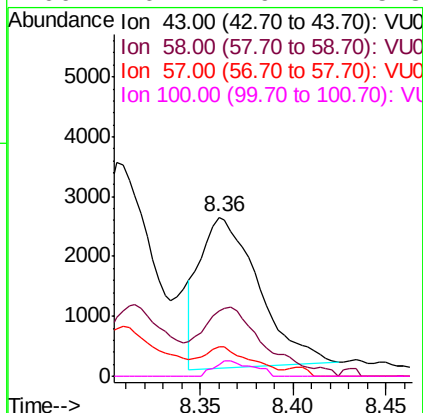
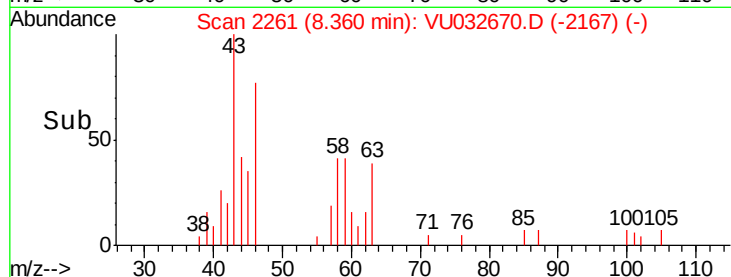
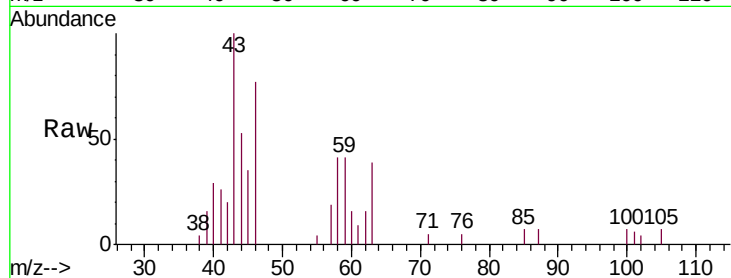




#48
2-Hexanone
Concen: 3.504 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032670.D
Acq: 12 Jun 2019 22:14

Instrument :
MSVOA_U
ClientSampleId :
COLZ2

Tgt Ion: 43 Resp: 5532
Ion Ratio Lower Upper
43 100
58 46.8 42.0 63.0
57 14.3 14.6 22.0#
100 6.7 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.277 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032670.D
Acq: 12 Jun 2019 22:14

Tgt Ion: 75 Resp: 9750
Ion Ratio Lower Upper
75 100
77 35.9 25.6 38.4

