

Data File : VU032603.D
Acq On : 11 Jun 2019 12:36
Operator : JC/SP
Sample : K3277-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8C8

Quant Time: Jun 12 05:35:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	176424	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84990	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49618	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.70%
7) Chloroethane-d5	1.68	69	41937	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.18%
11) 1,1-Dichloroethene-d2	2.27	63	76493	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.26%
21) 2-Butanone-d5	4.17	46	95713	99.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.64	84	100602	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.30	65	67133	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
32) Benzene-d6	5.33	84	203782	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
36) 1,2-Dichloropropane-d6	6.32	67	66007	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.30%
41) Toluene-d8	7.56	98	187334	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	7.85	79	30033	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.50%
47) 2-Hexanone-d5	8.31	63	55667	84.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95382	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	79883	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

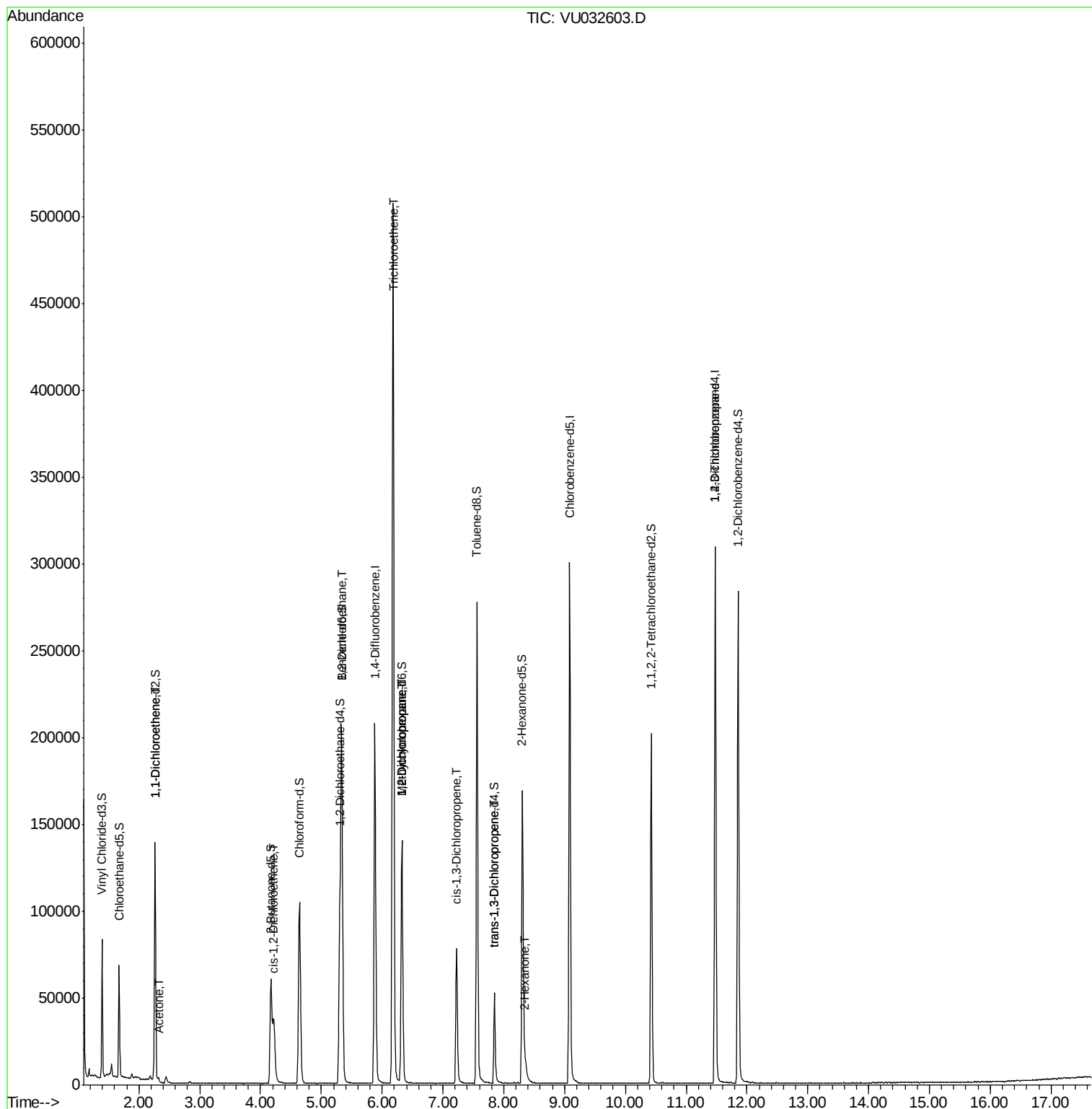
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	618	0.590	ug/L #	1
13) Acetone	2.32	43	2240	2.266	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	17820	13.880	ug/L	94
27) 1,2-Dichloroethane	5.33	62	1124	0.666	ug/L #	75
34) Trichloroethene	6.18	95	166058	130.332	ug/L	99
35) Methylcyclohexane	6.32	83	15242	7.390	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7416	5.974	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2056	1.050	ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	1368	0.787	ug/L	95
48) 2-Hexanone	8.36	43	6498	3.961	ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	9337	5.786	ug/L #	83

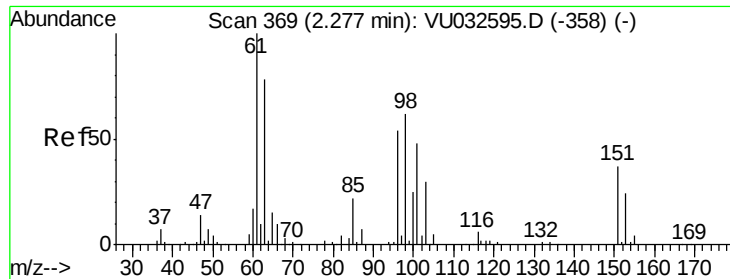
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032603.D

Acq: 11 Jun 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

DB8C8

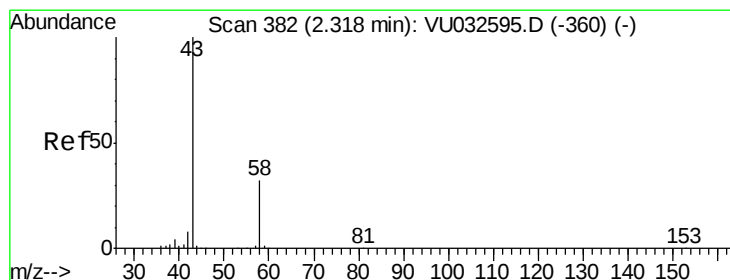
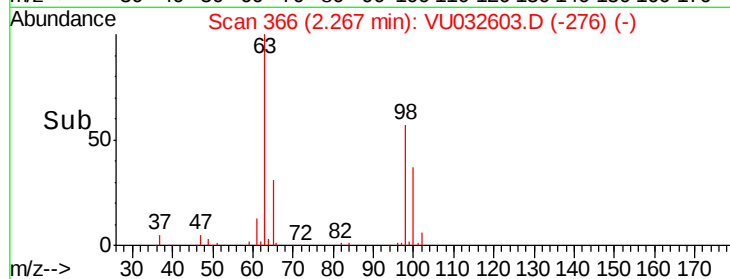
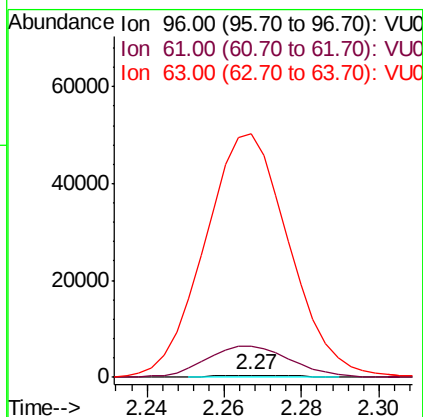
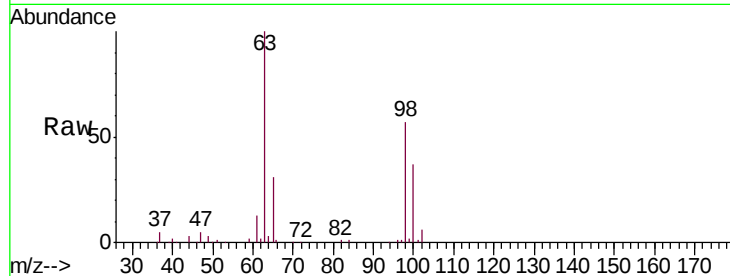
Tgt Ion: 96 Resp: 618

Ion Ratio Lower Upper

96 100

61 1468.9 129.5 240.5#

63 11474.0 103.4 192.0#



#13

Acetone

Concen: 2.266 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032603.D

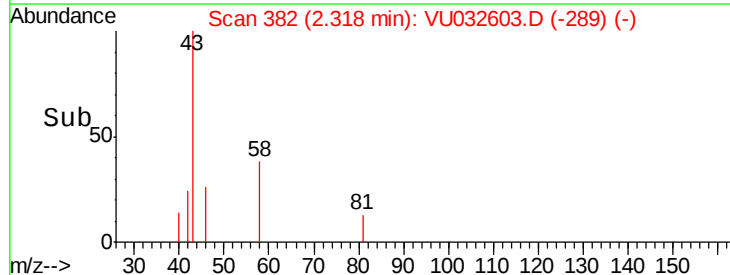
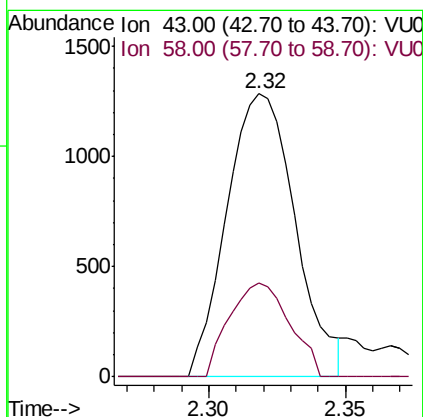
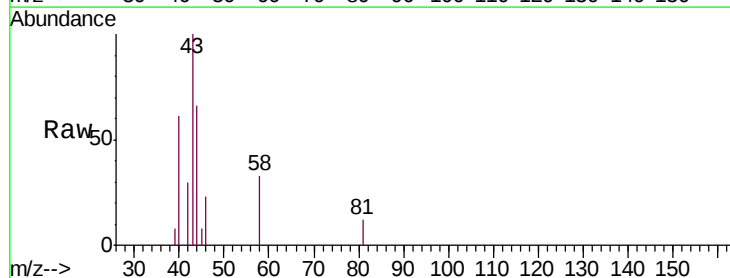
Acq: 11 Jun 2019 12:36

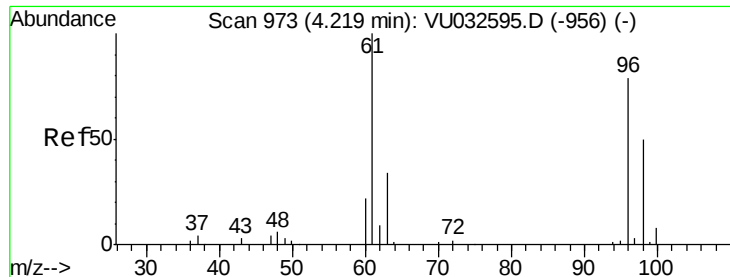
Tgt Ion: 43 Resp: 2240

Ion Ratio Lower Upper

43 100

58 29.1 0.0 64.0

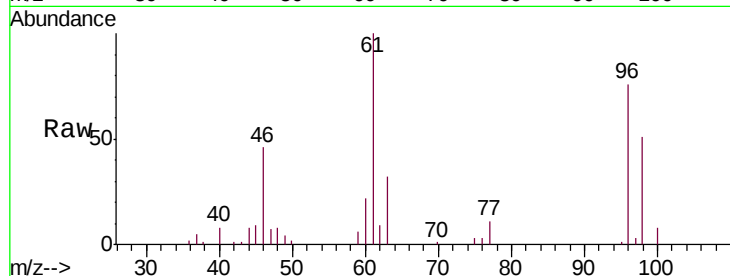




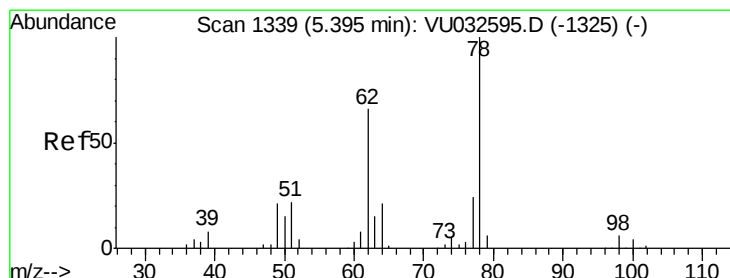
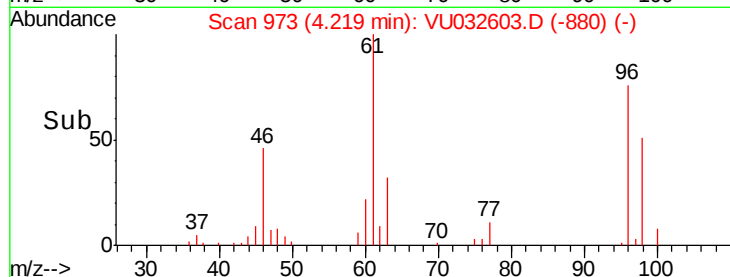
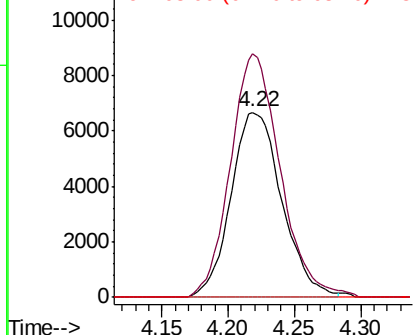
#20
 cis-1,2-Dichloroethene
 Concen: 13.880 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU032603.D
 Acq: 11 Jun 2019 12:36

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C8

Tgt Ion: 96 Resp: 17820
 Ion Ratio Lower Upper
 96 100
 61 131.5 87.2 162.0
 68 0.0 0.0 0.0

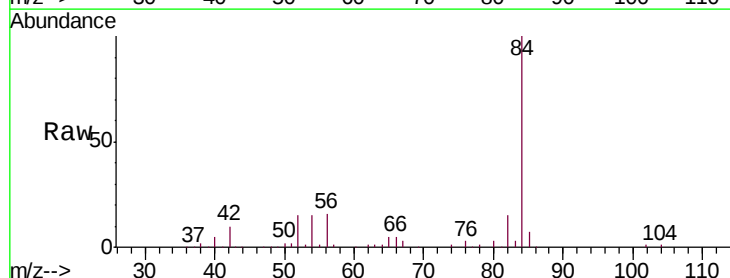


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

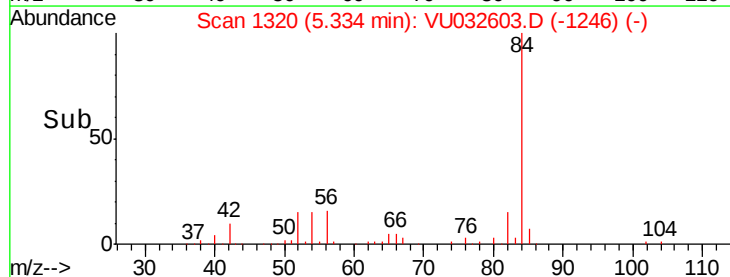
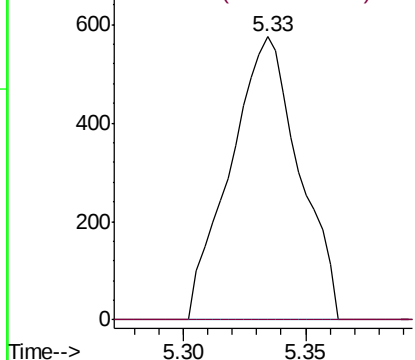


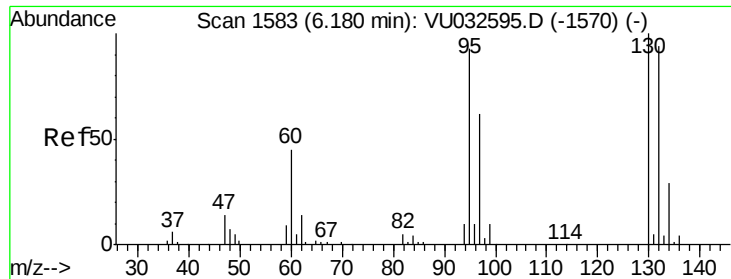
#27
 1,2-Dichloroethane
 Concen: 0.666 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032603.D
 Acq: 11 Jun 2019 12:36

Tgt Ion: 62 Resp: 1124
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





#34

Trichloroethene

Concen: 130.332 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032603.D

Acq: 11 Jun 2019 12:36

Instrument :

MSVOA_U

ClientSampled :

DB8C8

Tgt Ion: 95 Resp: 166058

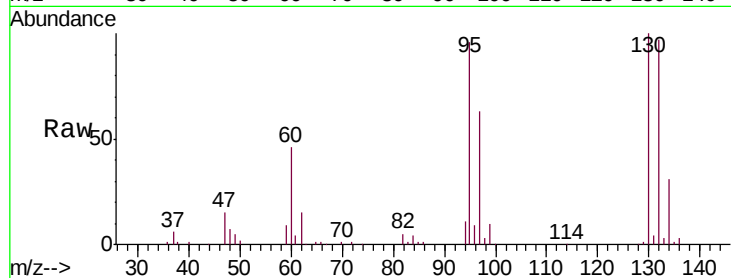
Ion Ratio Lower Upper

95 100

97 64.9 45.8 85.2

132 100.6 71.0 131.8

130 103.7 73.4 136.2

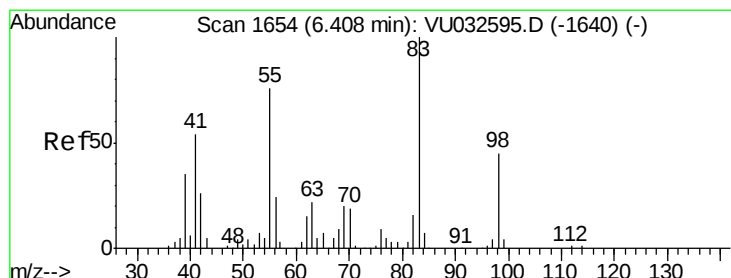
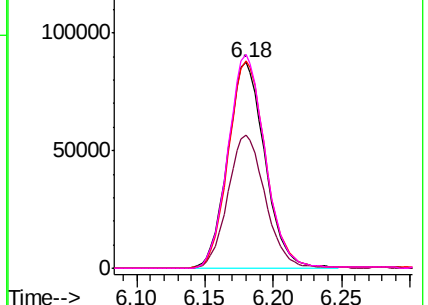
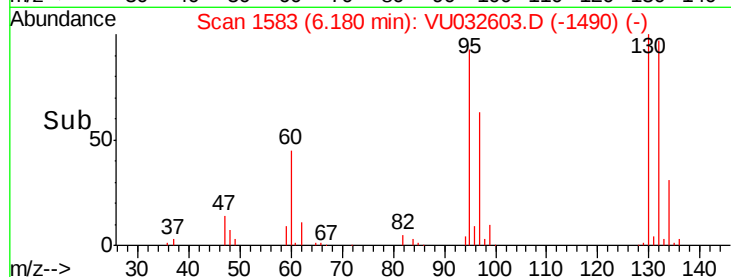


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.390 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032603.D

Acq: 11 Jun 2019 12:36

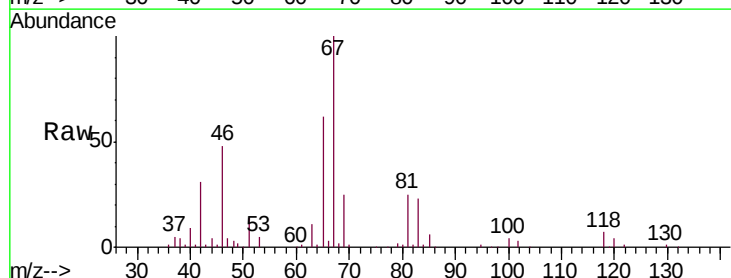
Tgt Ion: 83 Resp: 15242

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

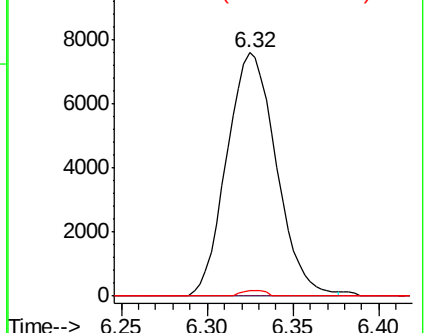
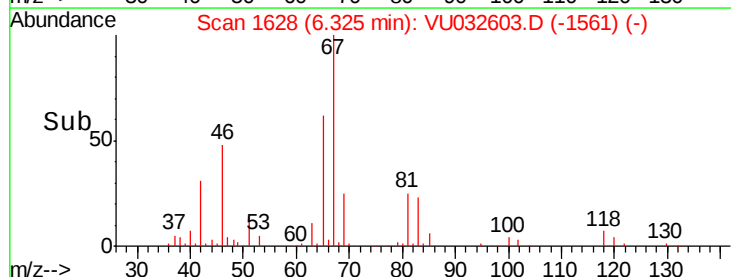
98 1.1 37.4 56.2#

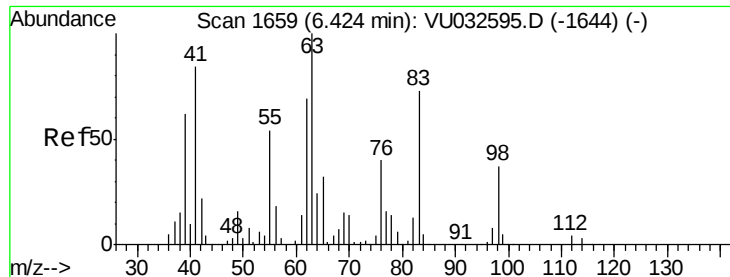


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

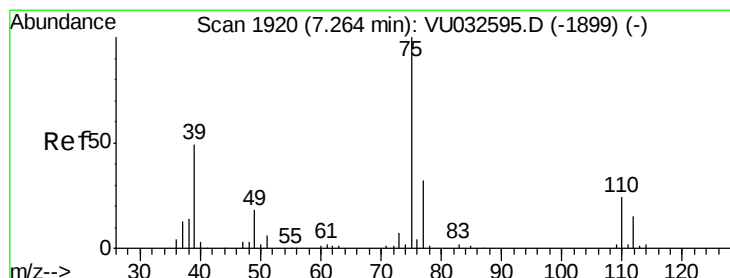
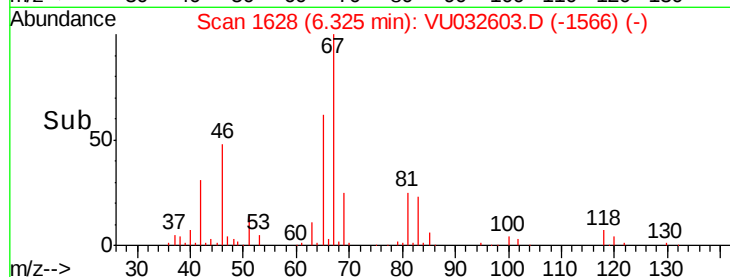
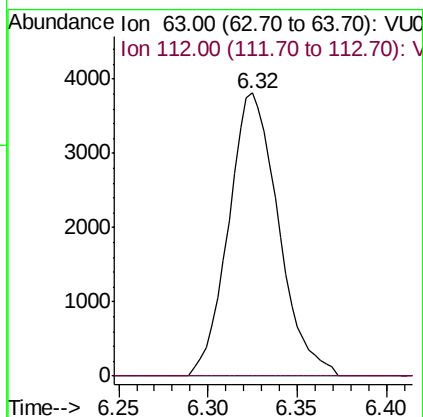
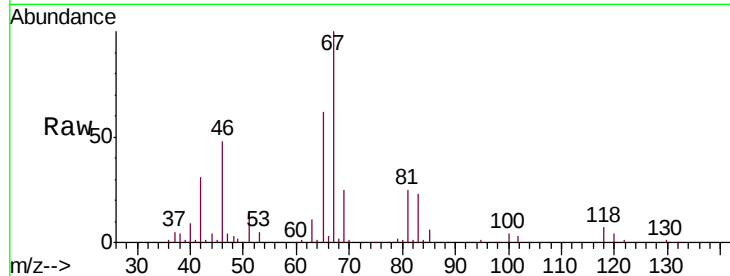




#37
 1,2-Dichloropropane
 Concen: 5.974 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032603.D
 Acq: 11 Jun 2019 12:36

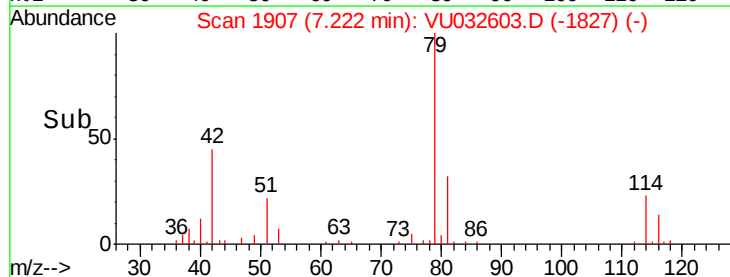
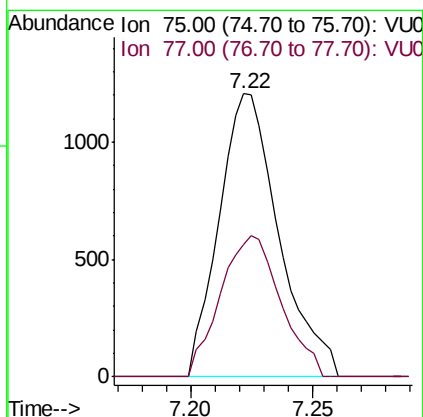
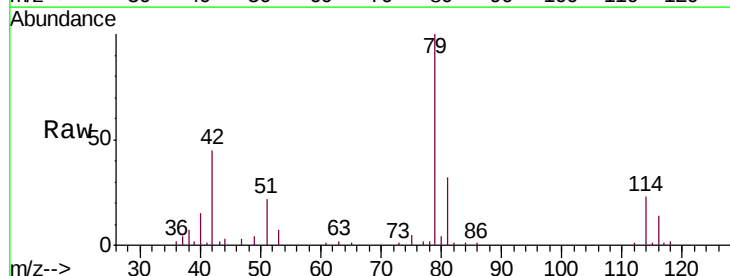
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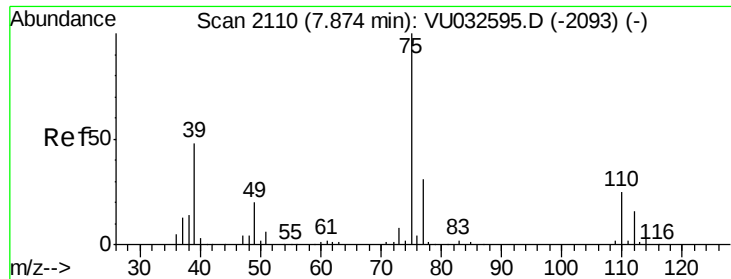
Tgt Ion: 63 Resp: 7416
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.050 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032603.D
 Acq: 11 Jun 2019 12:36

Tgt Ion: 75 Resp: 2056
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.0 41.0#

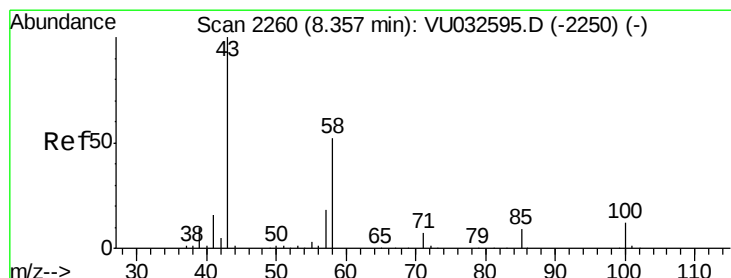
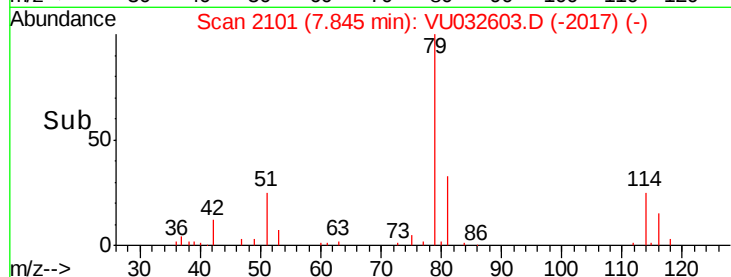
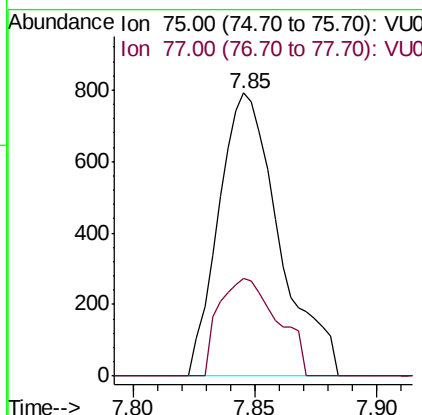
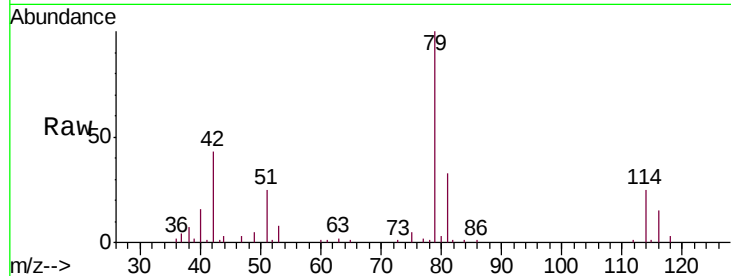




#44
trans-1,3-Dichloropropene
Concen: 0.787 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032603.D
Acq: 11 Jun 2019 12:36

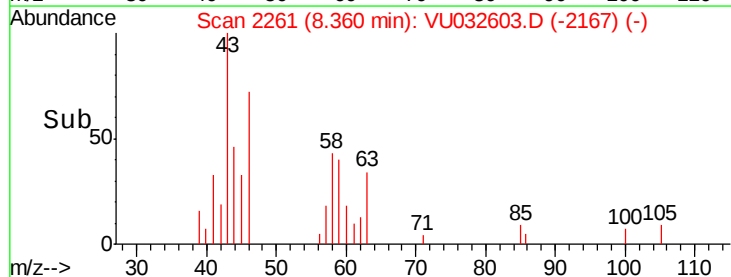
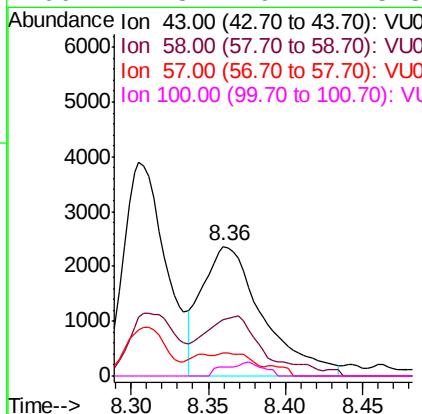
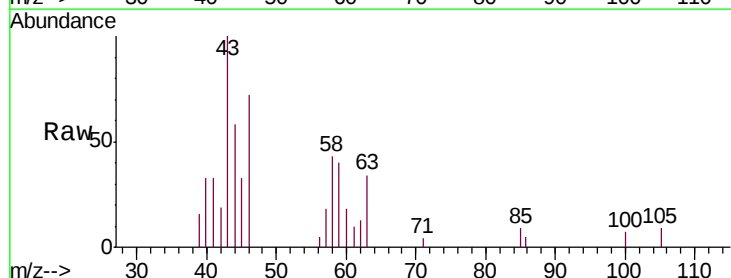
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ClientSampleId :
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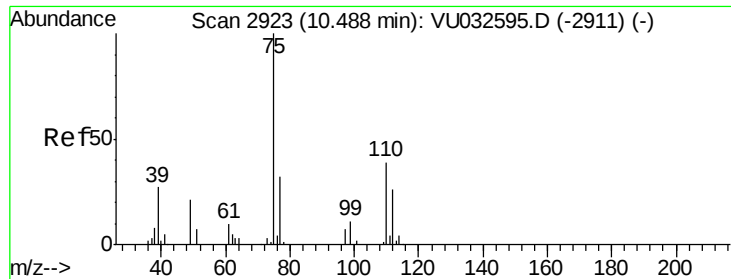
Tgt Ion: 75 Resp: 1368
Ion Ratio Lower Upper
75 100
77 34.5 22.1 41.1



#48
2-Hexanone
Concen: 3.961 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032603.D
Acq: 11 Jun 2019 12:36

Tgt Ion: 43 Resp: 6498
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 2.1 14.6 22.0#
100 1.8 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 5.786 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032603.D
 Acq: 11 Jun 2019 12:36

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C8

Tgt Ion: 75 Resp: 9337
 Ion Ratio Lower Upper
 75 100
 77 41.5 25.6 38.4#

