

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036893.D
 Acq On : 24 Feb 2020 19:07
 Operator : JC/MD
 Sample : L1608-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 25 03:22:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 03:18:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268023	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	250798	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93688	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105117	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	90078	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.74%
11) 1,1-Dichloroethene-d2	2.59	63	140295	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.44%
21) 2-Butanone-d5	4.67	46	156263	103.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.50%
24) Chloroform-d	5.11	84	163425	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	5.74	65	112206	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
32) Benzene-d6	5.76	84	364055	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	118357	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.74%
41) Toluene-d8	7.93	98	328722	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%
43) trans-1,3-Dichloropropene-	8.20	79	50297	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.66	63	111505	97.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.05%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	159928	48.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	96206	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

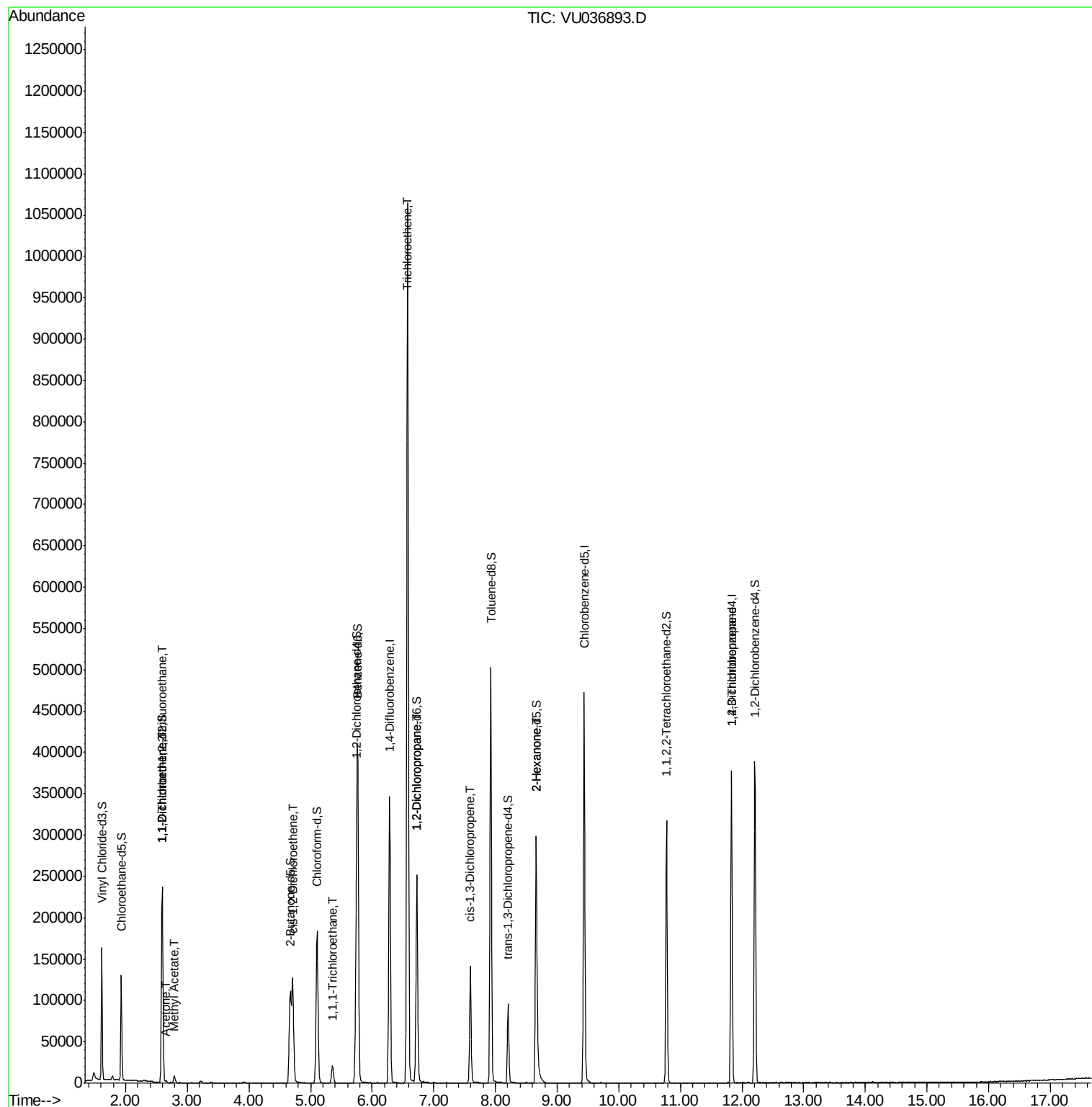
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1274	0.744 ug/L #	23
12) 1,1-Dichloroethene	2.60	96	8337	4.816 ug/L #	1
13) Acetone	2.66	43	3139	2.021 ug/L	90
15) Methyl Acetate	2.79	43	2271	0.959 ug/L #	52
20) cis-1,2-Dichloroethene	4.71	96	59492	28.610 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	14636	5.443 ug/L	96
34) Trichloroethene	6.57	95	362190	185.990 ug/L	99
37) 1,2-Dichloropropane	6.72	63	12657	5.933 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3363	1.023 ug/L #	69
48) 2-Hexanone	8.66	43	13839	5.517 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	14306	5.213 ug/L	100

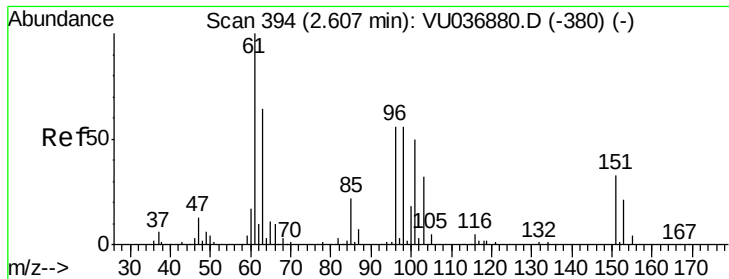
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU022420\
Data File : VU036893.D
Acq On : 24 Feb 2020 19:07
Operator : JC/MD
Sample : L1608-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 25 03:22:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 25 03:18:14 2020
Response via : Initial Calibration





#10

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

Concen: 0.744 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036893.D

Acq: 24 Feb 2020 19:07

Instrument :

MSVOA_U

ClientSampleId :

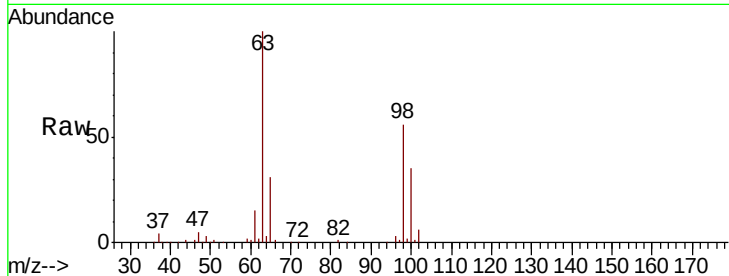
Tot Ion:101 Resp: 1274

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

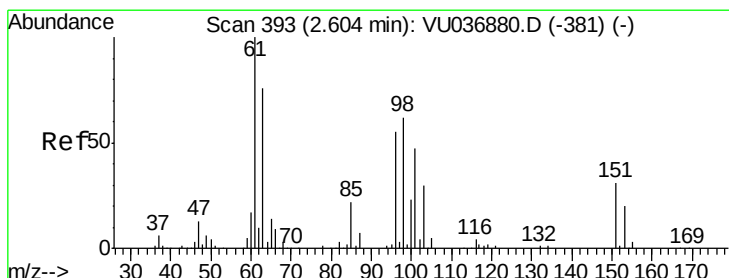
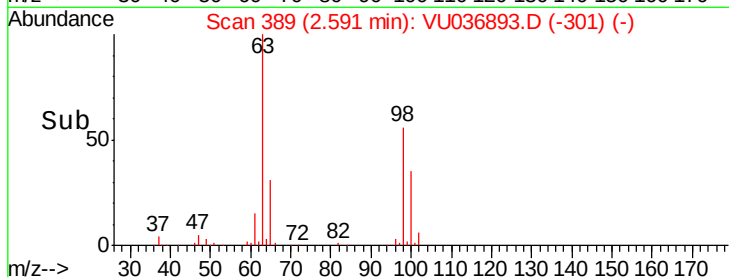
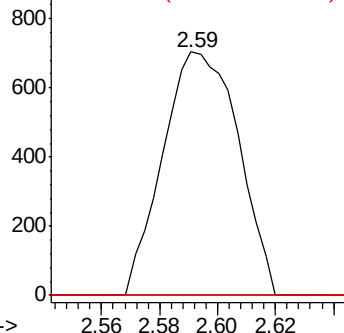
151 0.0 52.4 78.6#



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: 4.816 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036893.D

Acq: 24 Feb 2020 19:07

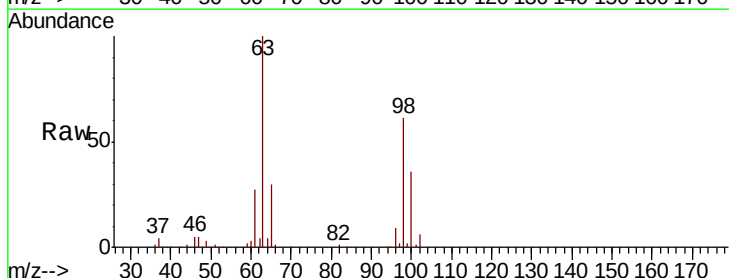
Tgt Ion: 96 Resp: 8337

Ion Ratio Lower Upper

96 100

61 299.6 127.5 236.7#

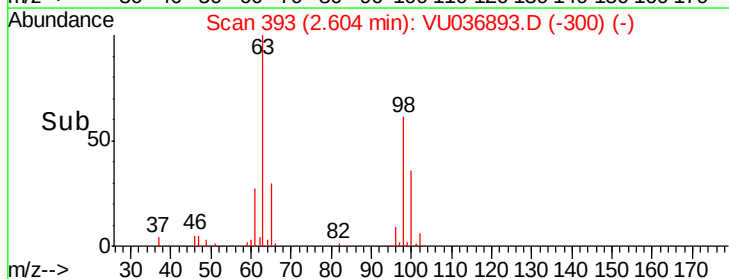
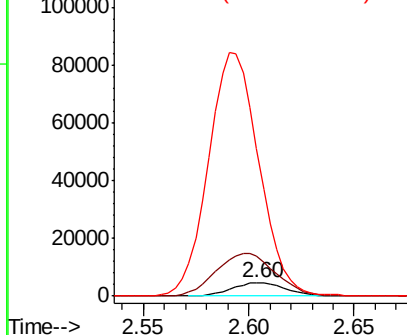
63 1115.6 101.4 188.2#

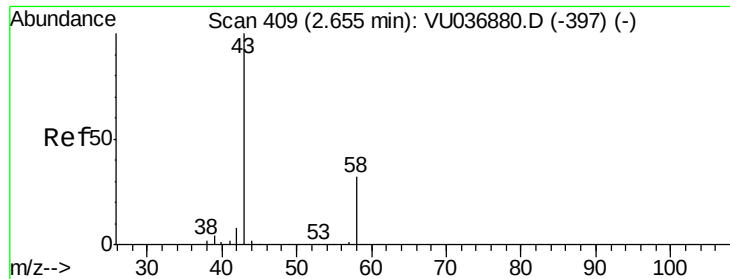


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.021 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU036893.D

Acq: 24 Feb 2020 19:07

Instrument :

MSVOA_U

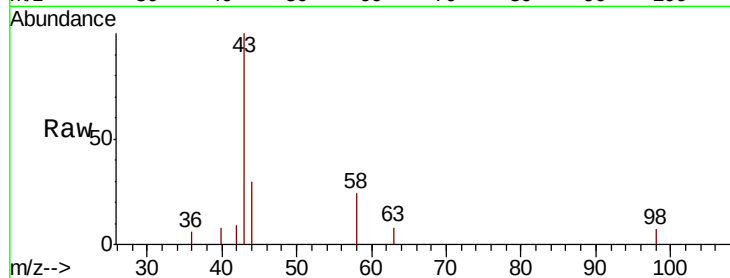
ClientSampleId :

Tot Ion: 43 Resp: 3139

Ion Ratio Lower Upper

43 100

58 26.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036880.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036880.D (-397) (-)

2000

1500

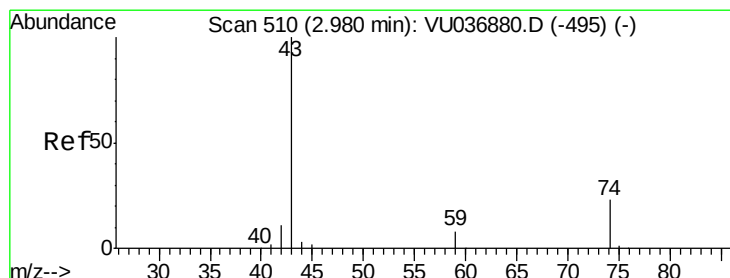
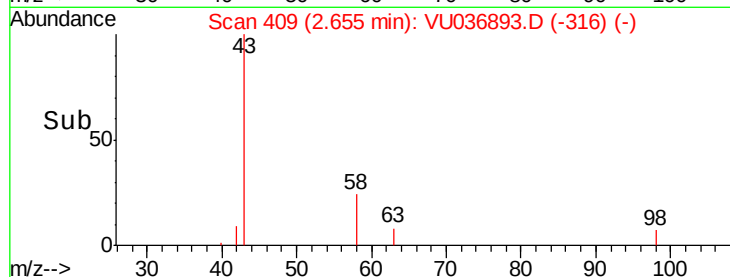
1000

500

0

2.60 2.65 2.70

Time-->



#15

Methyl Acetate

Concen: 0.959 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.19 min

Lab File: VU036893.D

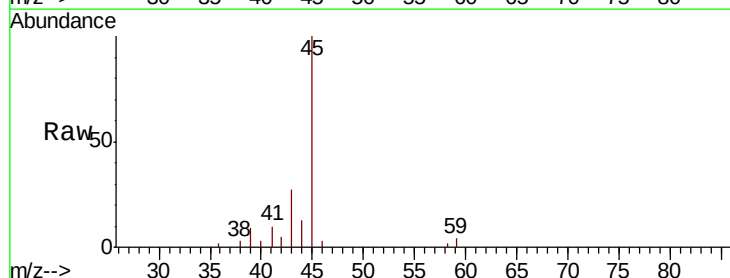
Acq: 24 Feb 2020 19:07

Tgt Ion: 43 Resp: 2271

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036880.D (-495) (-)

Ion 74.00 (73.70 to 74.70): VU036880.D (-495) (-)

1500

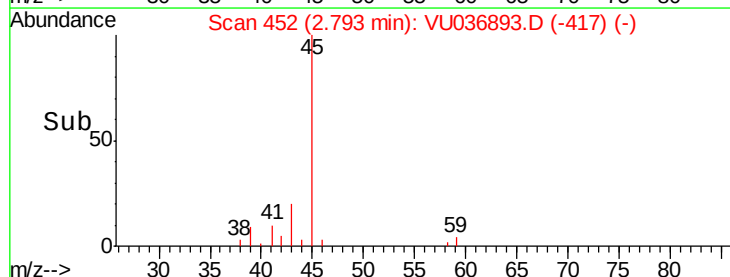
1000

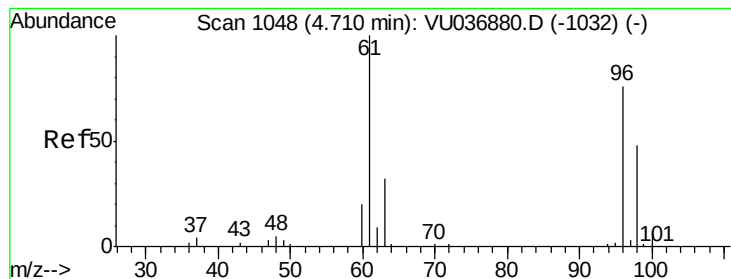
500

0

2.75 2.80 2.85

Time-->





#20

cis-1,2-Dichloroethene

Concen: 28.610 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU036893.D

Acq: 24 Feb 2020 19:07

Instrument :
MSVOA_U
ClientSampleId :

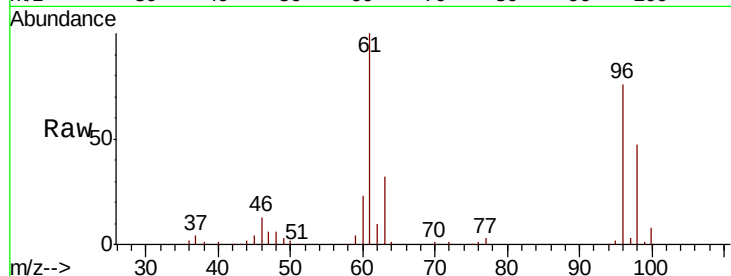
Tot Ion: 96 Resp: 59492

Ion Ratio Lower Upper

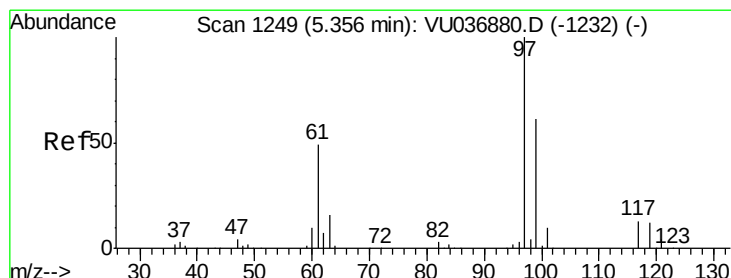
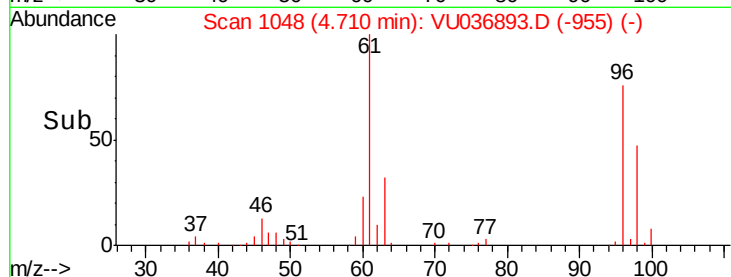
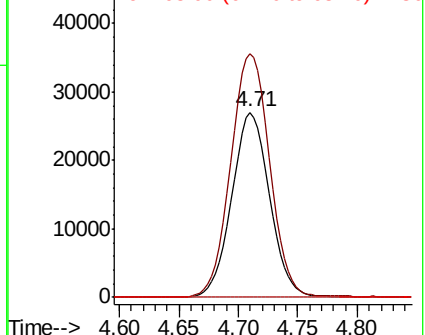
96 100

61 131.7 93.1 172.9

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



#30

1,1,1-Trichloroethane

Concen: 5.443 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU036893.D

Acq: 24 Feb 2020 19:07

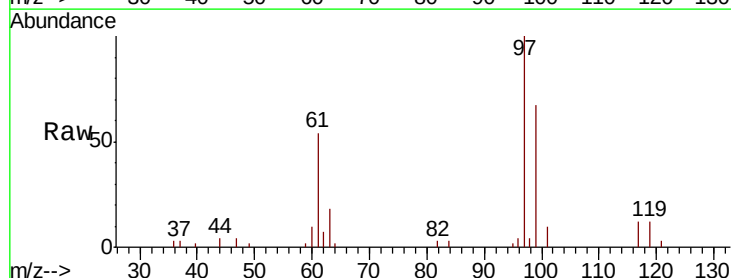
Tgt Ion: 97 Resp: 14636

Ion Ratio Lower Upper

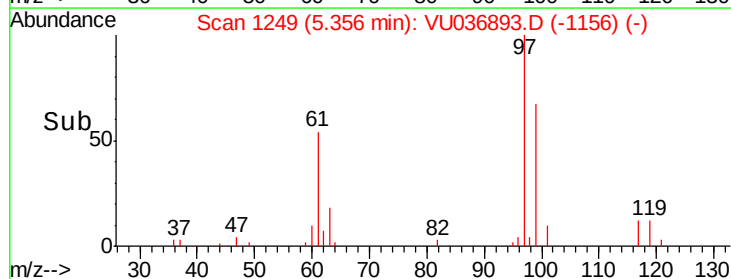
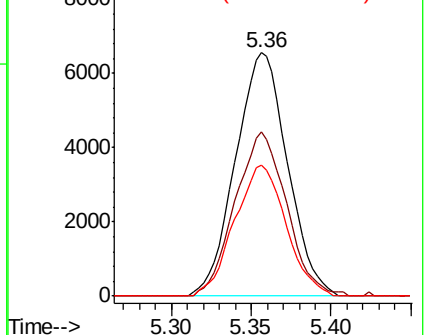
97 100

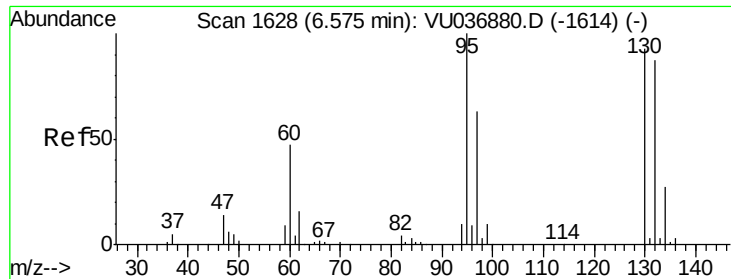
99 66.3 50.4 75.6

61 53.2 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0

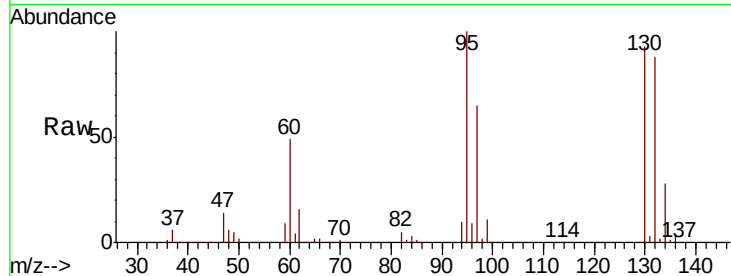




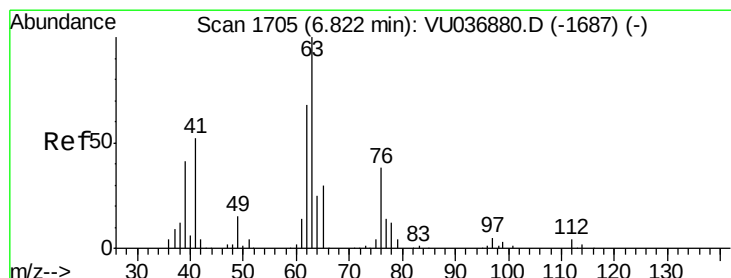
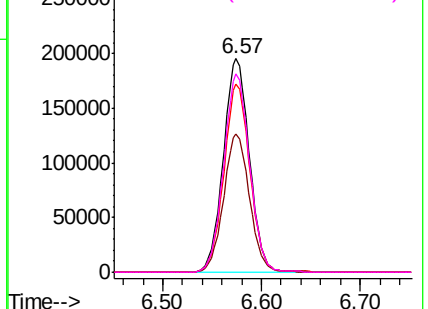
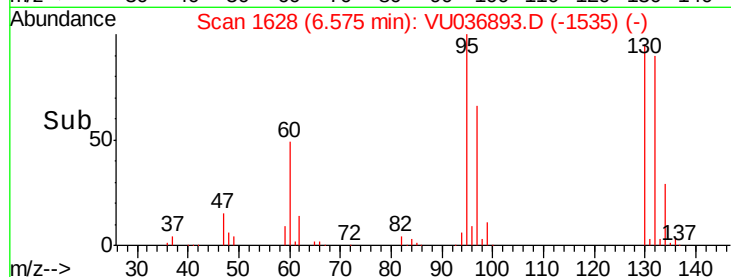
#34
 Trichloroethene
 Concen: 185.990 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU036893.D
 Acq: 24 Feb 2020 19:07

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 362190
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.1 81.9
 132 88.4 60.6 112.6
 130 92.7 64.9 120.5

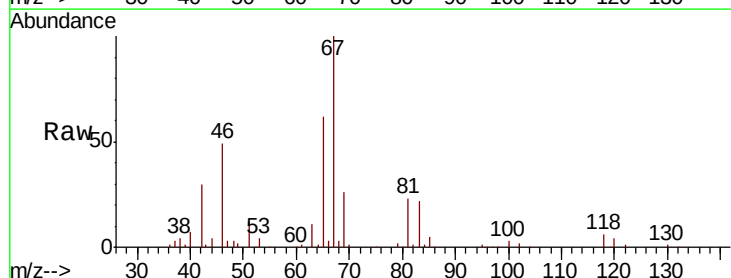


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

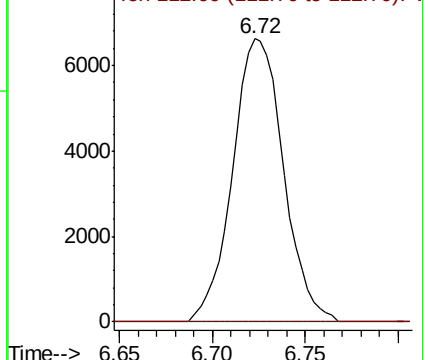
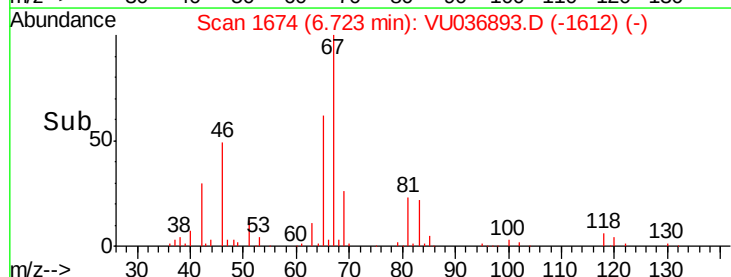


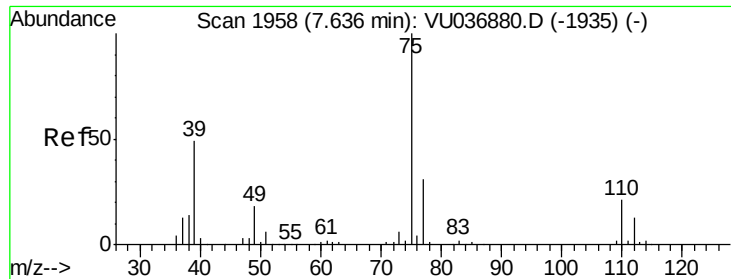
#37
 1,2-Dichloropropane
 Concen: 5.933 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036893.D
 Acq: 24 Feb 2020 19:07

Tgt Ion: 63 Resp: 12657
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

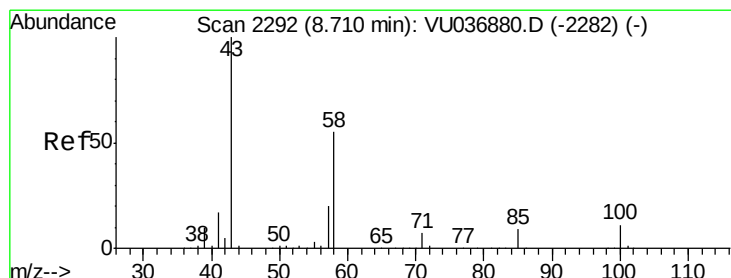
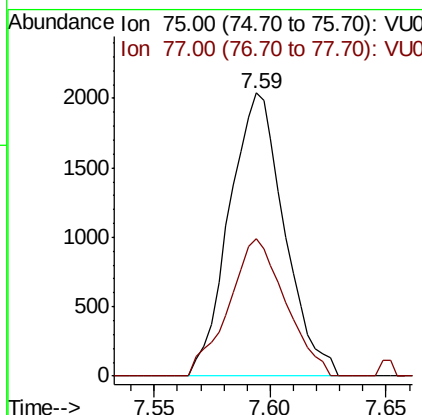
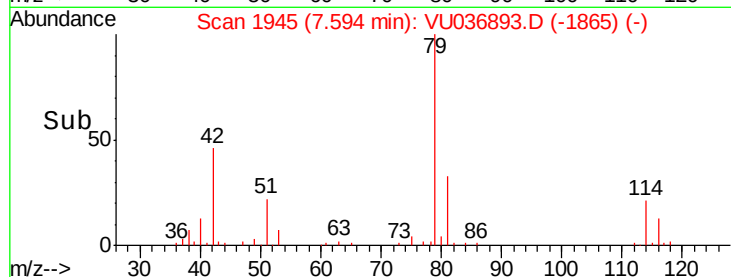
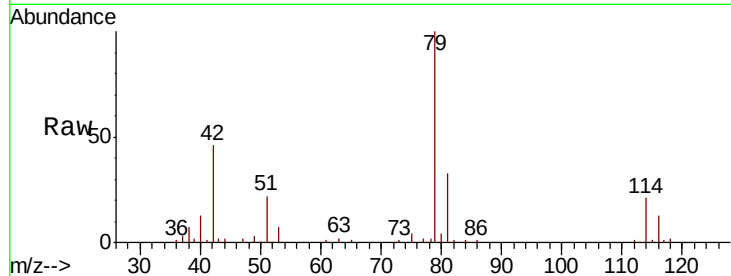




#39
 cis-1,3-Dichloropropene
 Concen: 1.023 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036893.D
 Acq: 24 Feb 2020 19:07

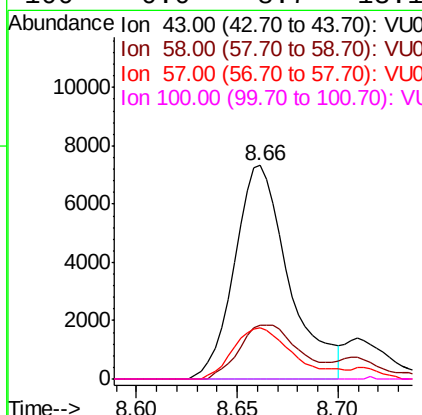
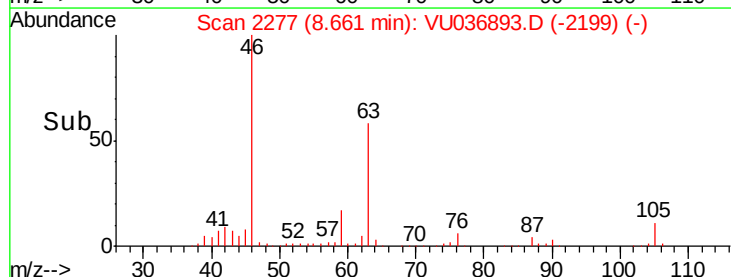
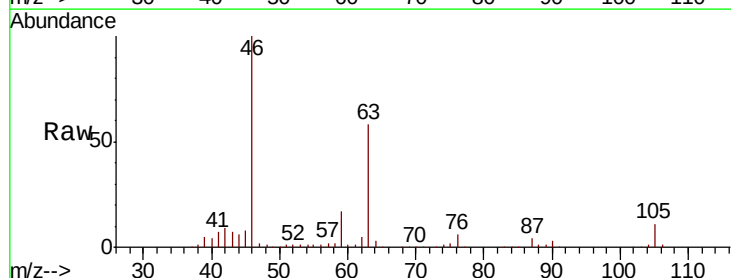
Instrument :
 MSVOA_U
 ClientSampleId :

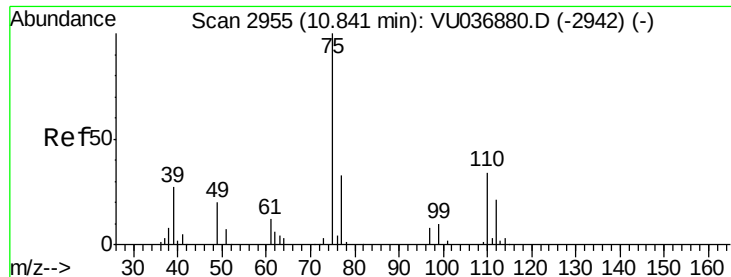
Tot Ion: 75 Resp: 3363
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.0 41.0#



#48
 2-Hexanone
 Concen: 5.517 ug/L
 RT: 8.66 min Scan# 2277
 Delta R.T. -0.05 min
 Lab File: VU036893.D
 Acq: 24 Feb 2020 19:07

Tgt Ion: 43 Resp: 13839
 Ion Ratio Lower Upper
 43 100
 58 27.6 43.5 65.3#
 57 25.2 15.1 22.7#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.213 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU036893.D

Acq: 24 Feb 2020 19:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14306

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

