

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
 Data File : VU038664.D
 Acq On : 08 Jun 2020 12:47
 Operator : SY/MD
 Sample : L2910-12RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 09 00:48:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 09 00:46:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112712	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.93	69	88331	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.59	63	169929	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.67	46	352686	56.73	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	5.10	84	207454	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.74	65	122109	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.76	84	435205	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.72	67	129799	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.92	98	371771	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	8.20	79	54674	5.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.80%
46) 2-Hexanone-d5	8.65	63	298787	59.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107435	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	146273	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

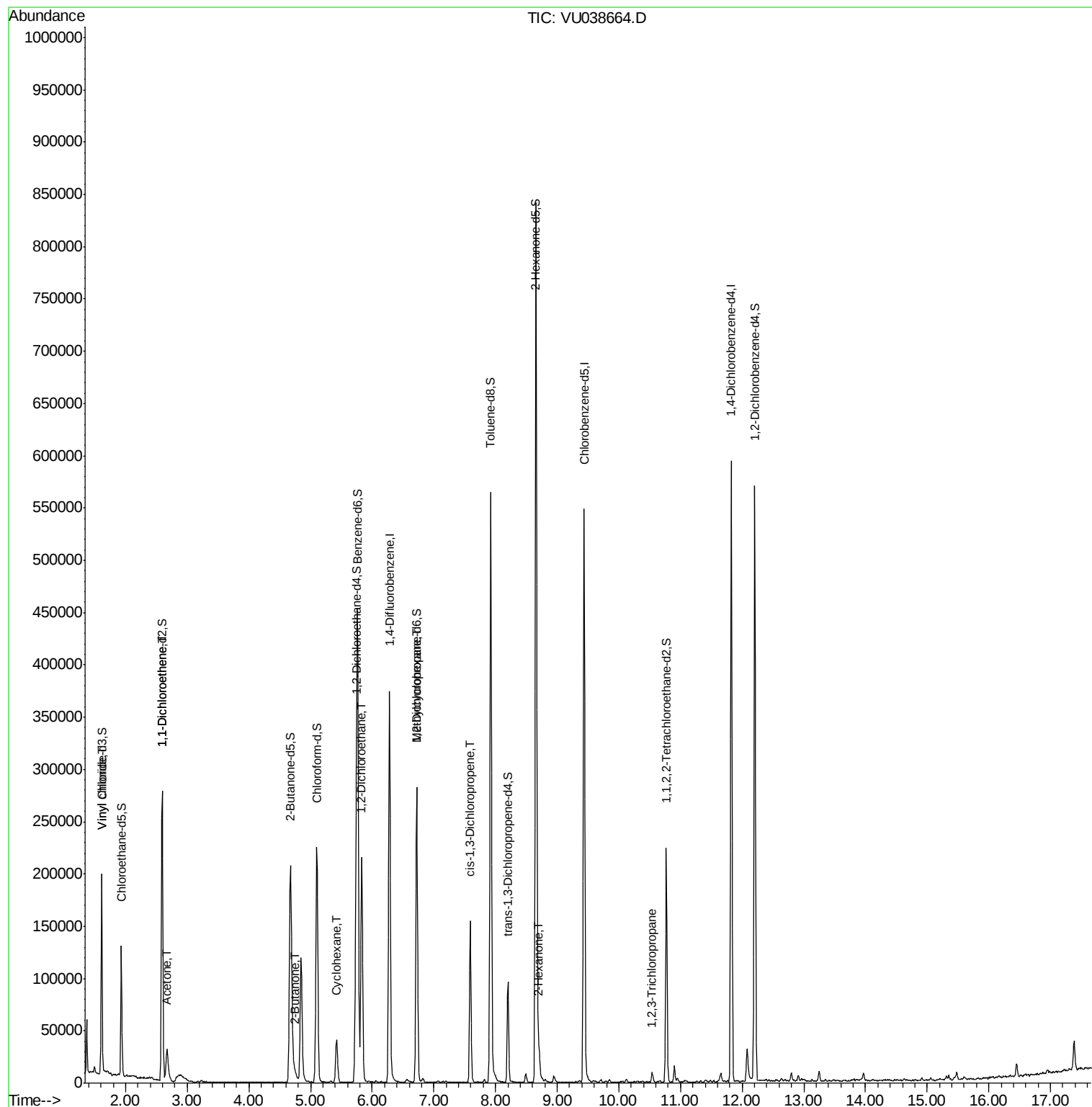
					Ovalue
5) Vinyl chloride	1.62	62	11844	0.483 ug/L #	56
12) 1,1-Dichloroethene	2.59	96	1339	0.069 ug/L #	1
13) Acetone	2.67	43	50567	12.429 ug/L	100
21) 2-Butanone	4.75	43	8937	1.306 ug/L	98
27) 1,2-Dichloroethane	5.83	62	182251	6.786 ug/L	98
30) Cyclohexane	5.42	56	19602	0.569 ug/L	95
35) Methylcyclohexane	6.72	83	30801	0.886 ug/L #	17
39) cis-1,3-Dichloropropene	7.59	75	3654	0.114 ug/L #	54
48) 2-Hexanone	8.71	43	13242	1.123 ug/L	96
59) 1,2,3-Trichloropropane	10.54	75	5922	0.364 ug/L #	43

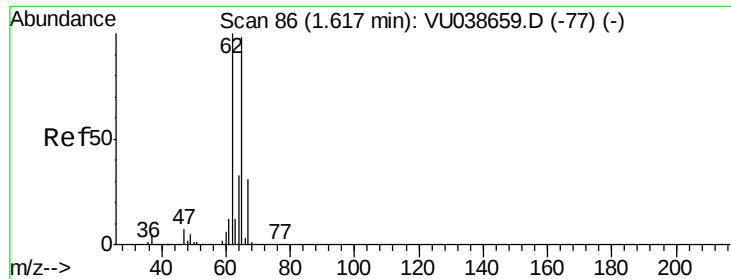
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 00:46:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.483 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038664.D

Acq: 08 Jun 2020 12:47

Instrument :

MSVOA_U

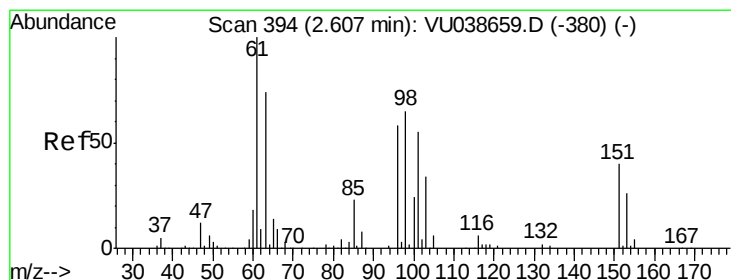
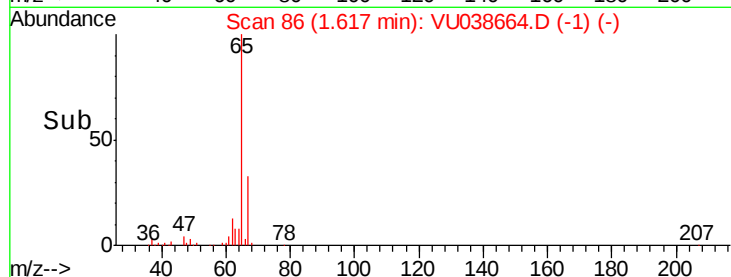
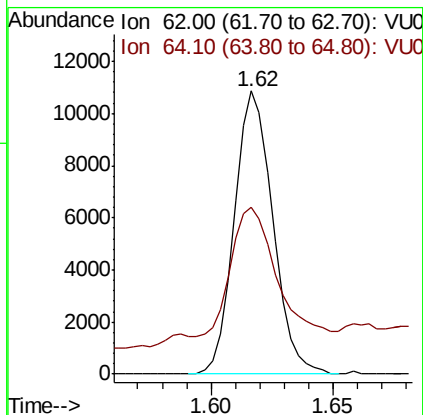
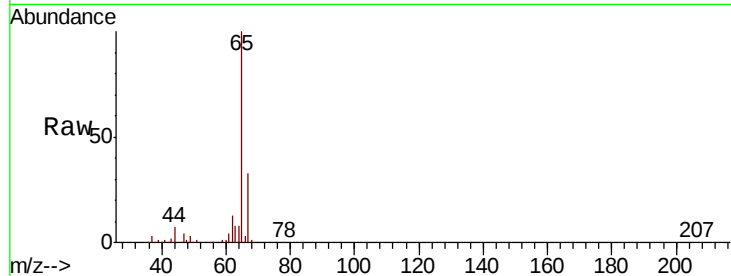
ClientSampleId :

Tot Ion: 62 Resp: 11844

Ion Ratio Lower Upper

62 100

64 58.9 23.7 43.9#



#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038664.D

Acq: 08 Jun 2020 12:47

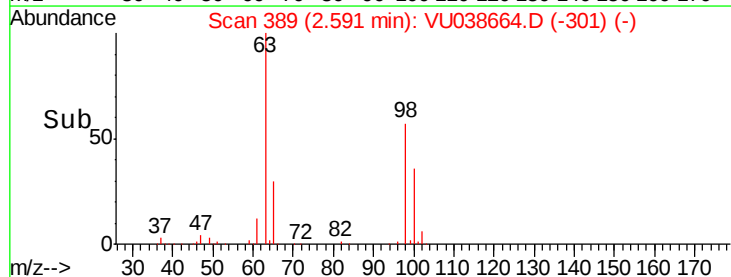
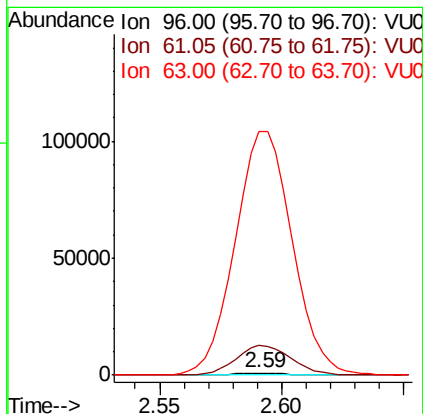
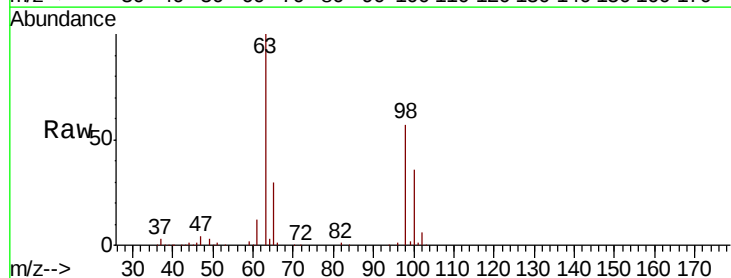
Tgt Ion: 96 Resp: 1339

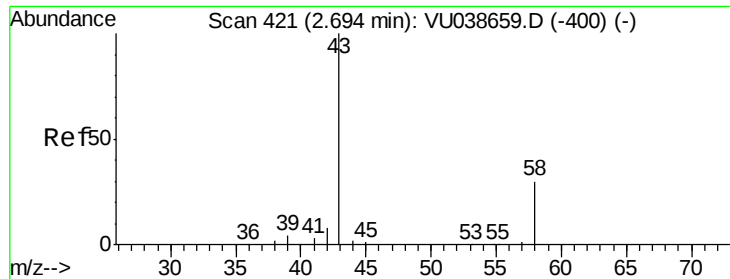
Ion Ratio Lower Upper

96 100

61 1526.5 119.9 222.7#

63 12484.0 89.9 167.0#





#13

Acetone

Concen: 12.429 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038664.D

Acq: 08 Jun 2020 12:47

Instrument :

MSVOA_U

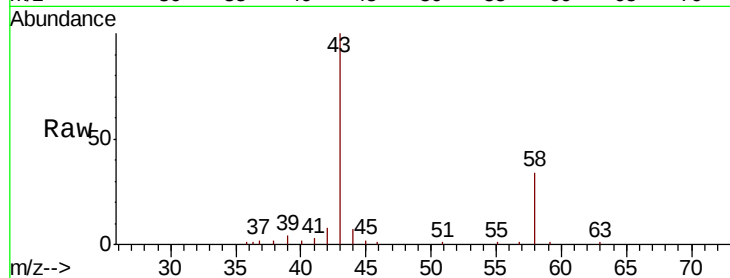
ClientSampleId :

Tot Ion: 43 Resp: 50567

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038659.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038659.D (-400) (-)

2.67

20000

15000

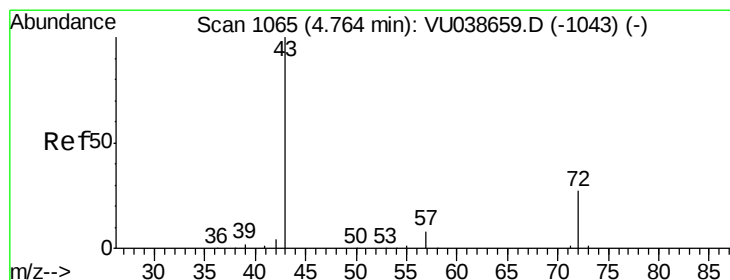
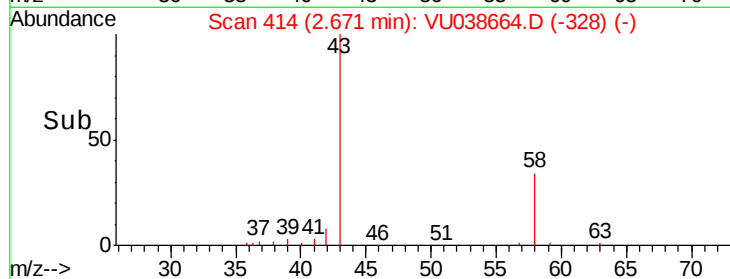
10000

5000

0

Time-->

2.60 2.65 2.70 2.75



#21

2-Butanone

Concen: 1.306 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU038664.D

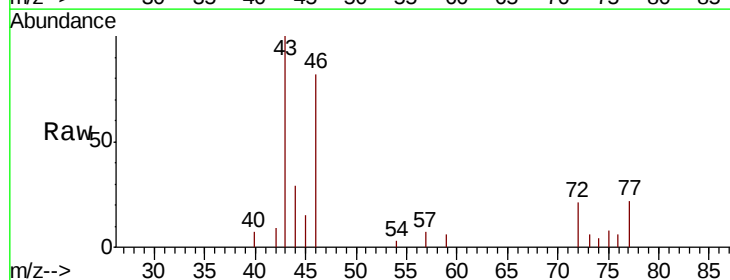
Acq: 08 Jun 2020 12:47

Tgt Ion: 43 Resp: 8937

Ion Ratio Lower Upper

43 100

72 24.4 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038659.D (-1043) (-)

Ion 72.10 (71.80 to 72.80): VU038659.D (-1043) (-)

80000

60000

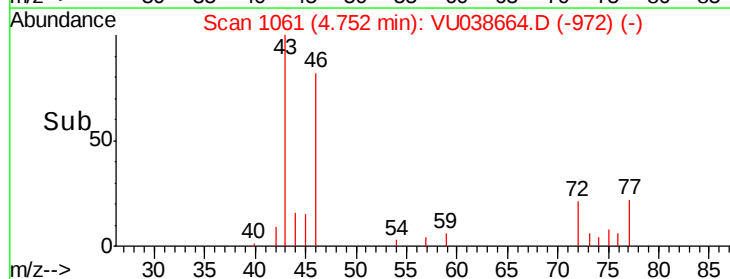
40000

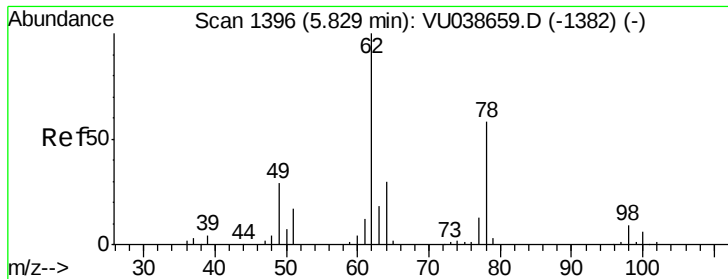
20000

0

Time-->

4.70 4.75 4.80

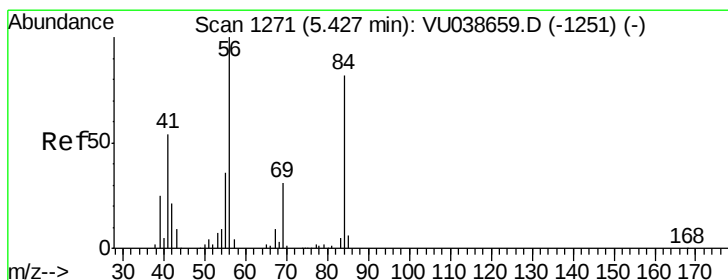
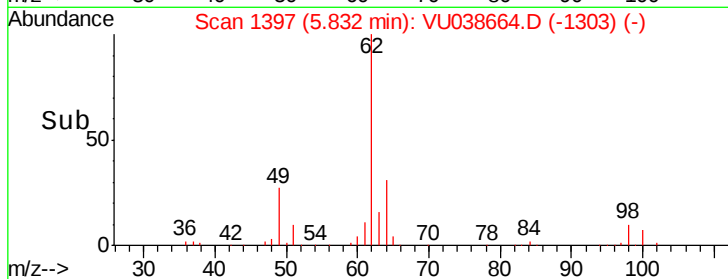
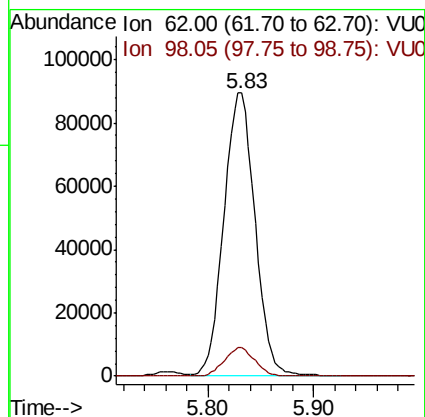
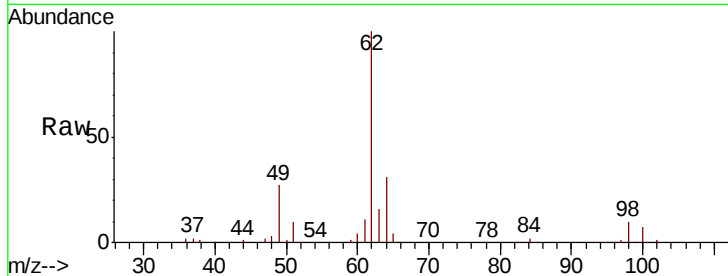




#27
 1,2-Dichloroethane
 Concen: 6.786 ug/L
 RT: 5.83 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU038664.D
 Acq: 08 Jun 2020 12:47

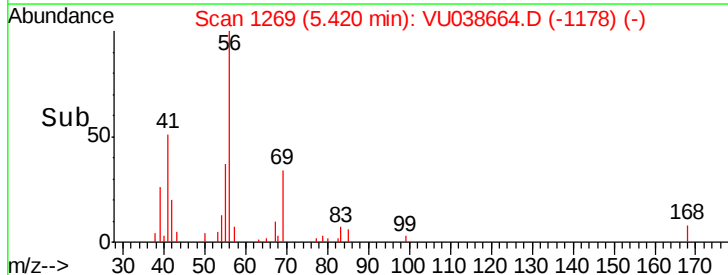
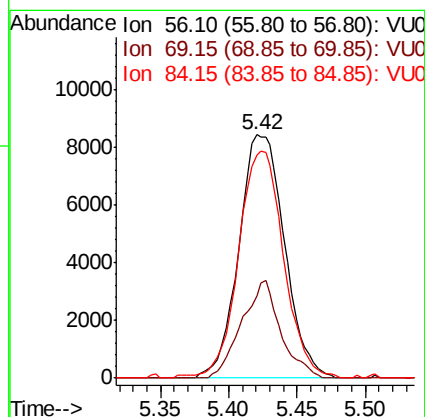
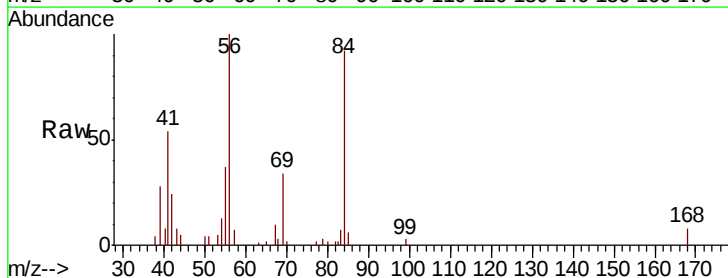
Instrument :
 MSVOA_U
 ClientSampleId :

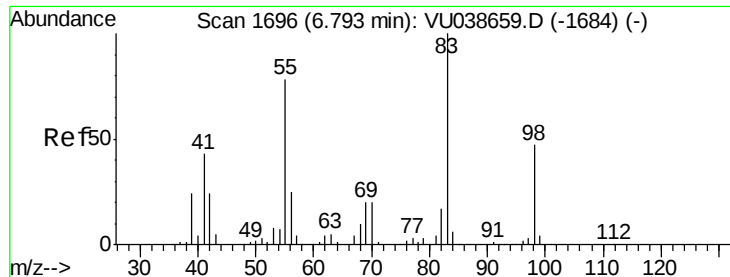
Tot Ion: 62 Resp: 182251
 Ion Ratio Lower Upper
 62 100
 98 10.0 7.4 11.2



#30
 Cyclohexane
 Concen: 0.569 ug/L
 RT: 5.42 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VU038664.D
 Acq: 08 Jun 2020 12:47

Tgt Ion: 56 Resp: 19602
 Ion Ratio Lower Upper
 56 100
 69 34.2 24.2 36.4
 84 91.9 70.8 106.2

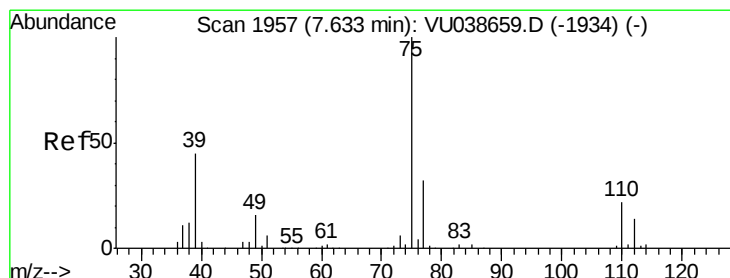
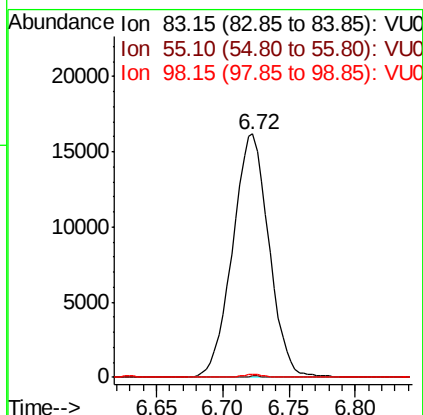
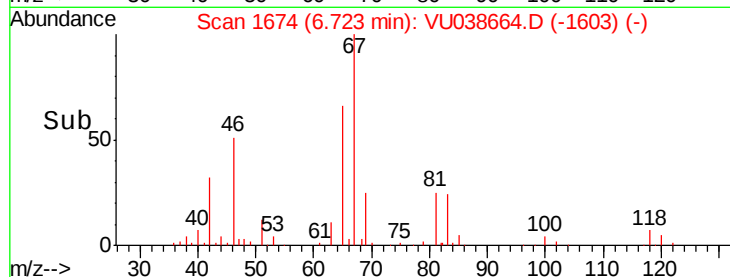
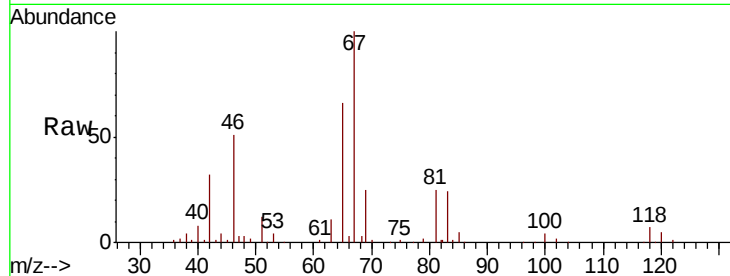




#35
Methvlcvclohexane
Concen: 0.886 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038664.D
Acq: 08 Jun 2020 12:47

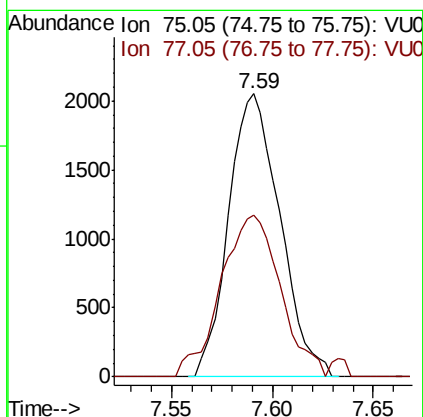
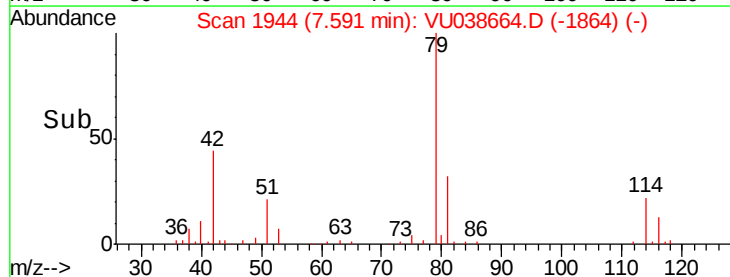
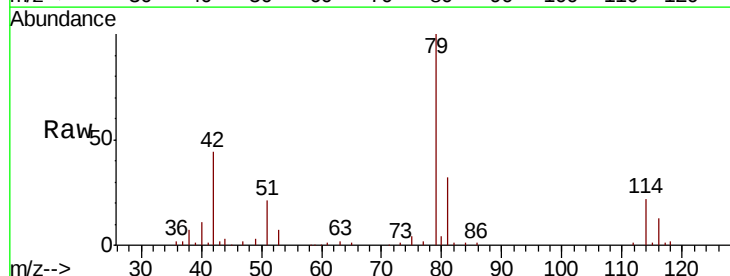
Instrument :
MSVOA_U
ClientSampled :

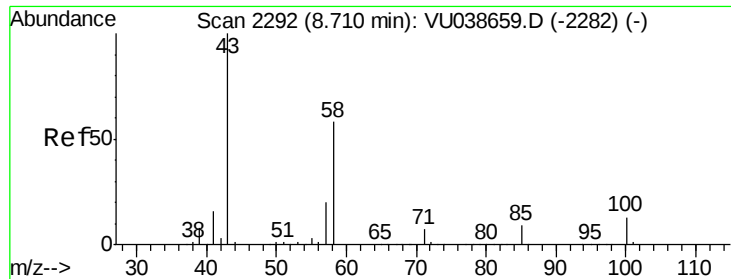
Tot Ion: 83 Resp: 30801
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 0.6 39.0 58.4#



#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038664.D
Acq: 08 Jun 2020 12:47

Tgt Ion: 75 Resp: 3654
Ion Ratio Lower Upper
75 100
77 56.9 21.9 40.7#

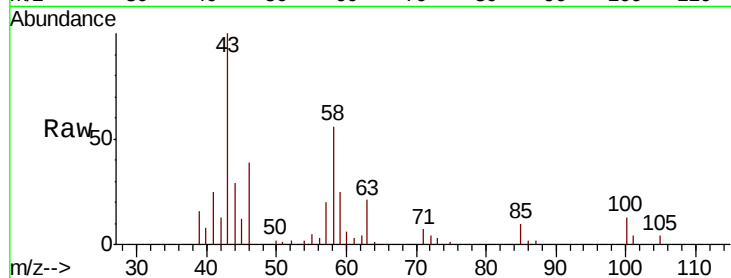




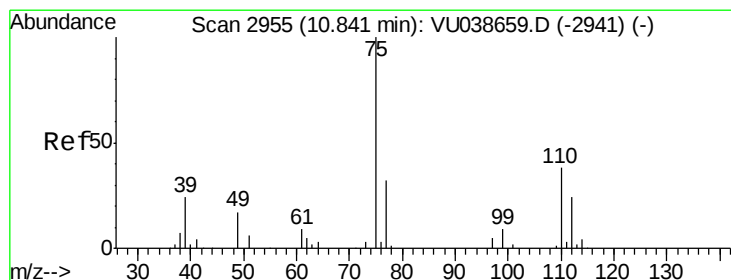
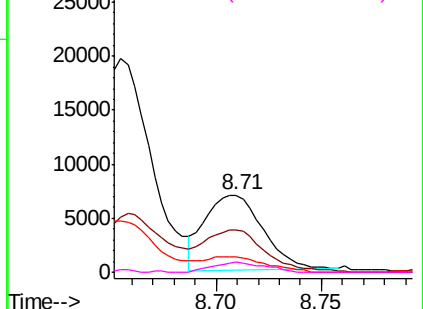
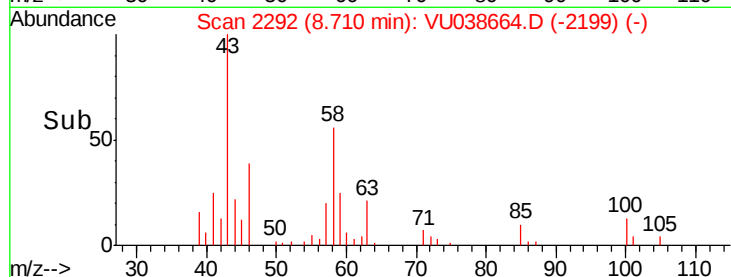
#48
2-Hexanone
Concen: 1.123 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038664.D
Acq: 08 Jun 2020 12:47

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 13242
Ion Ratio Lower Upper
43 100
58 60.6 45.4 68.0
57 19.7 15.9 23.9
100 11.9 10.5 15.7

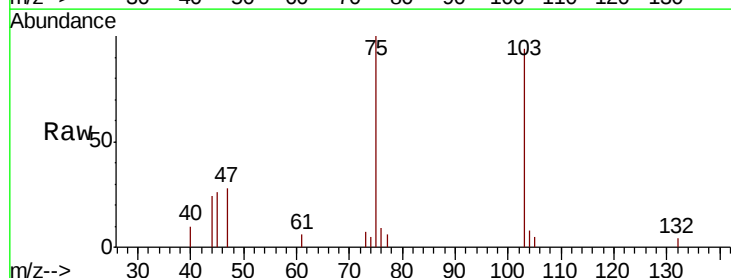


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.364 ug/L
RT: 10.54 min Scan# 2861
Delta R.T. -0.30 min
Lab File: VU038664.D
Acq: 08 Jun 2020 12:47

Tgt Ion: 75 Resp: 5922
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

