

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038304.D
 Acq On : 26 May 2020 18:09
 Operator : JC/MD
 Sample : L2751-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 06:56:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	295392	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	106668	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.93	69	92322	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.59	63	154092	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.66	46	311540	46.73	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	5.10	84	197358	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	114816	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	425632	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.72	67	132618	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	370412	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.20	79	50622	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.65	63	260376	49.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103355	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	142286	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

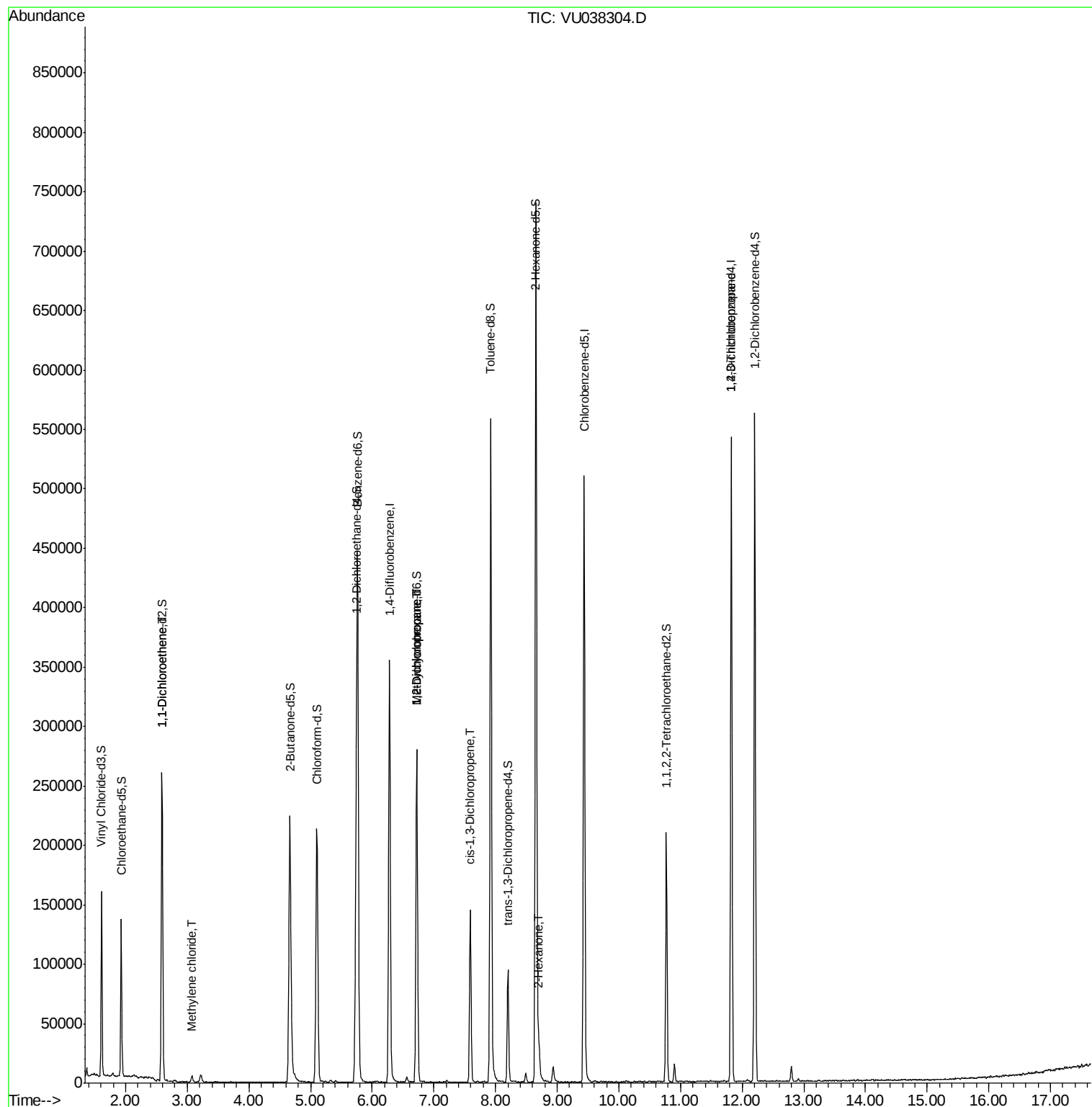
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1238	0.060 ug/L #	1
16) Methylene chloride	3.07	84	2113	0.088 ug/L	94
35) Methylcyclohexane	6.72	83	31715	0.854 ug/L #	15
37) 1,2-Dichloropropane	6.72	63	14185	0.570 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3657	0.103 ug/L #	78
48) 2-Hexanone	8.71	43	14013	1.108 ug/L #	95
59) 1,2,3-Trichloropropane	11.83	75	17174	1.027 ug/L #	81

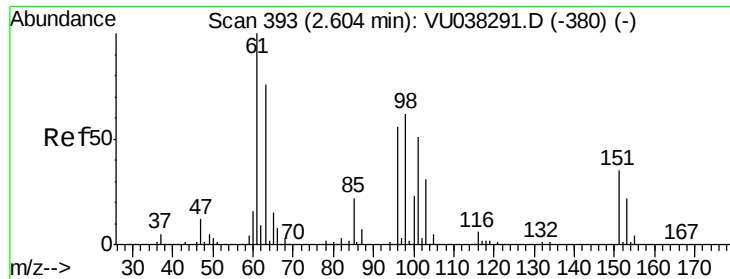
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038304.D

Acq: 26 May 2020 18:09

Instrument :
MSVOA_U
ClientSampled :

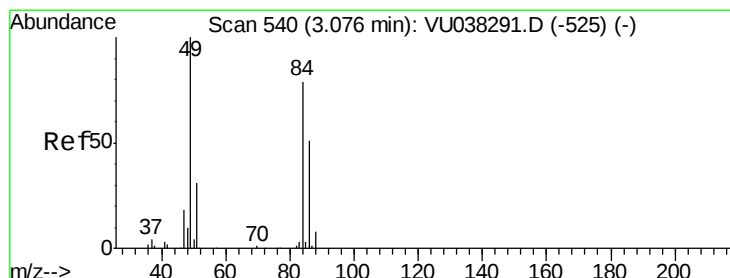
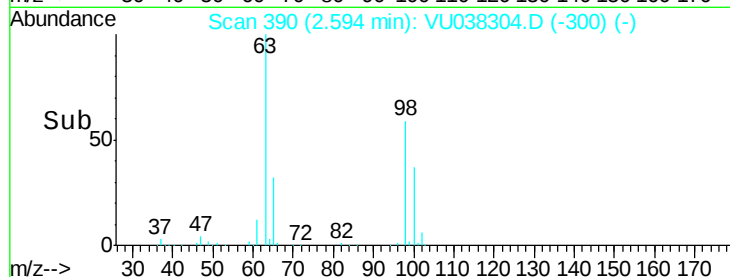
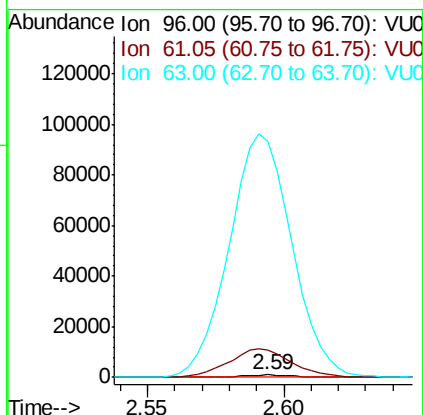
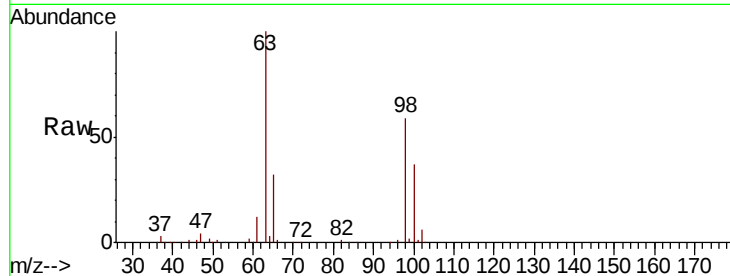
Tot Ion: 96 Resp: 1238

Ion Ratio Lower Upper

96 100

61 1140.8 126.2 234.4#

63 9841.0 96.9 179.9#



#16

Methylene chloride

Concen: 0.088 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU038304.D

Acq: 26 May 2020 18:09

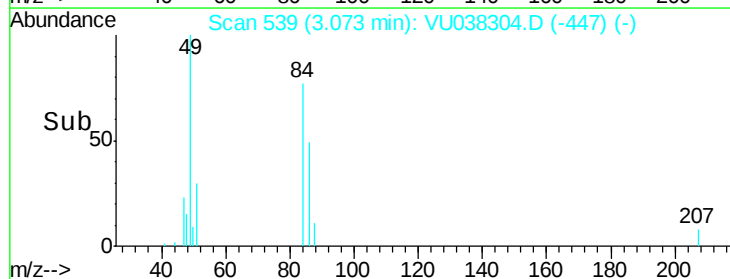
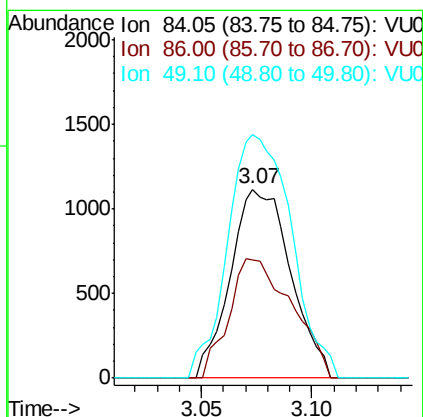
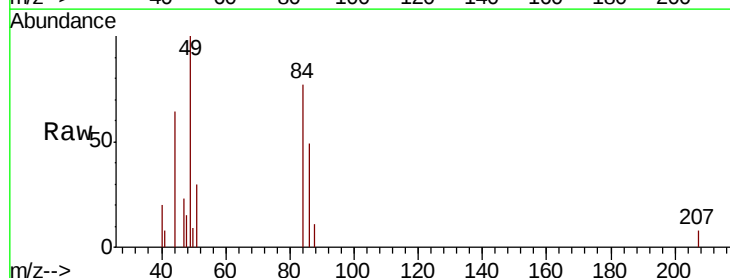
Tgt Ion: 84 Resp: 2113

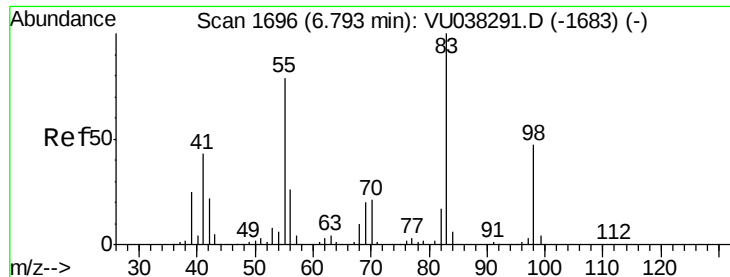
Ion Ratio Lower Upper

84 100

86 62.8 44.9 83.3

49 140.9 92.0 170.9

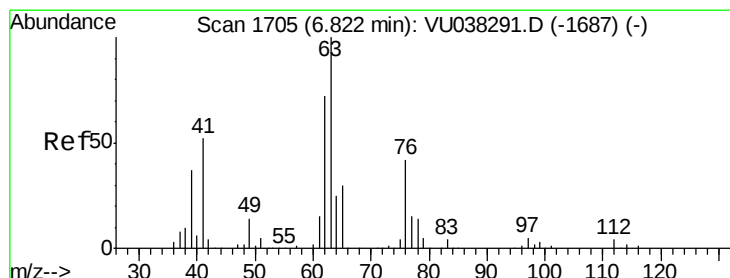
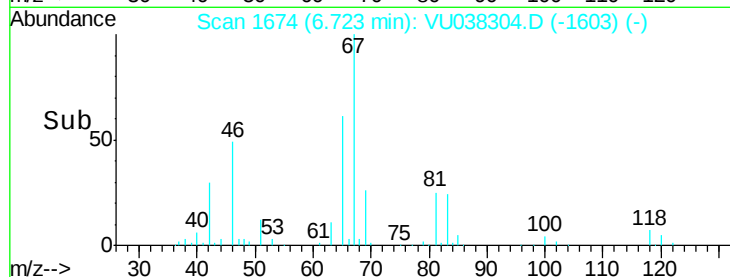
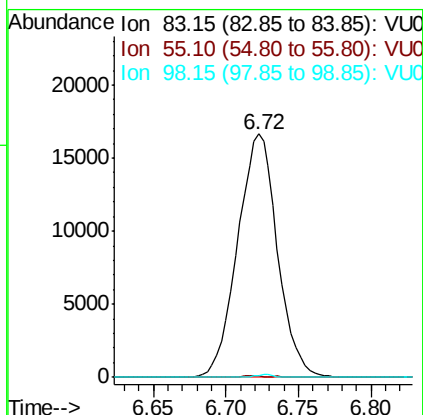
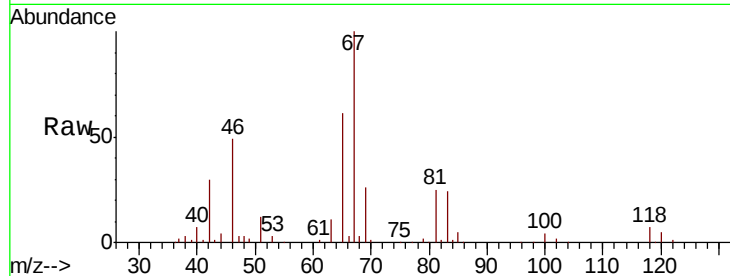




#35
Methvlcvclohexane
Concen: 0.854 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038304.D
Acq: 26 May 2020 18:09

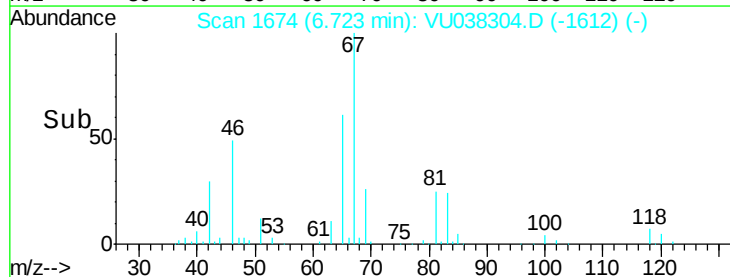
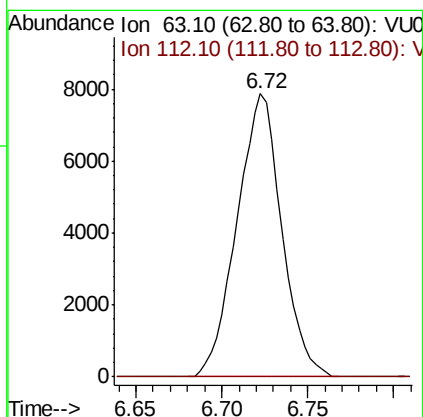
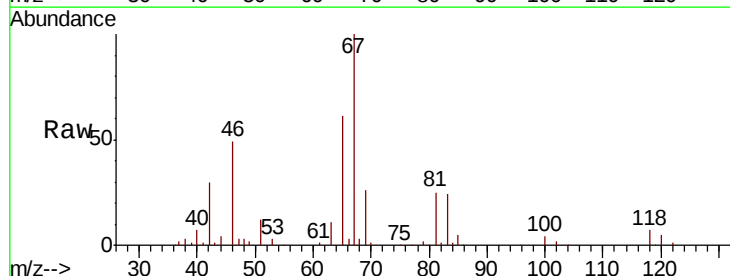
Instrument :
MSVOA_U
ClientSampleId :

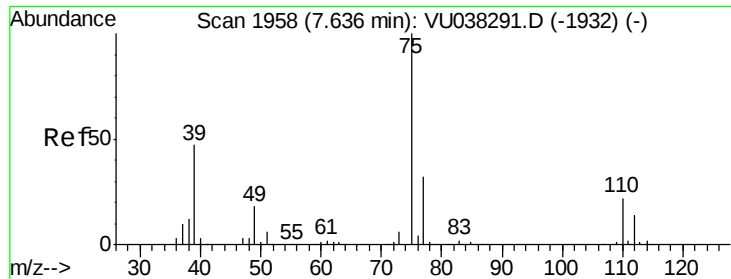
Tot Ion: 83 Resp: 31715
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 0.5 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038304.D
Acq: 26 May 2020 18:09

Tgt Ion: 63 Resp: 14185
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

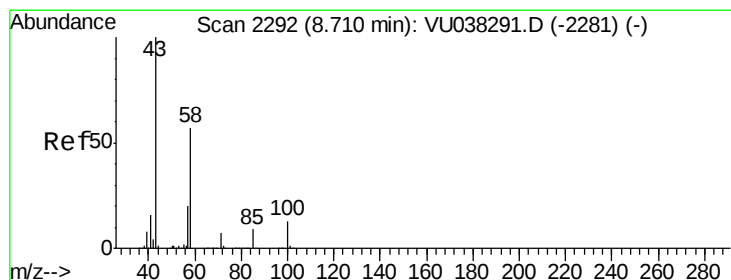
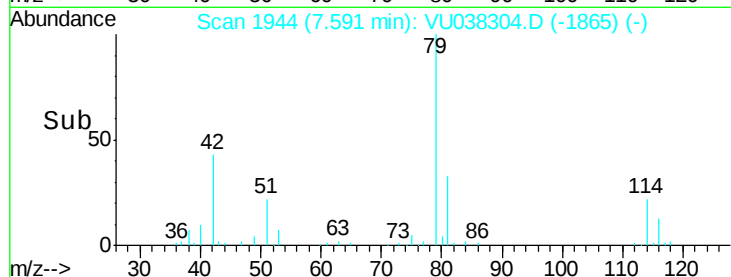
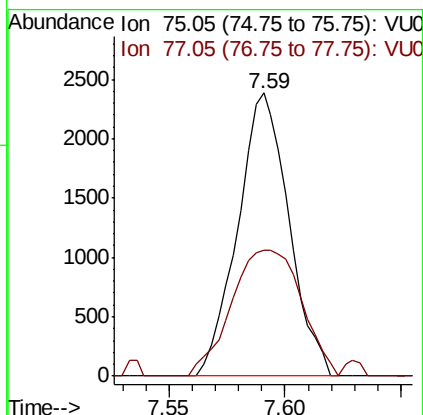
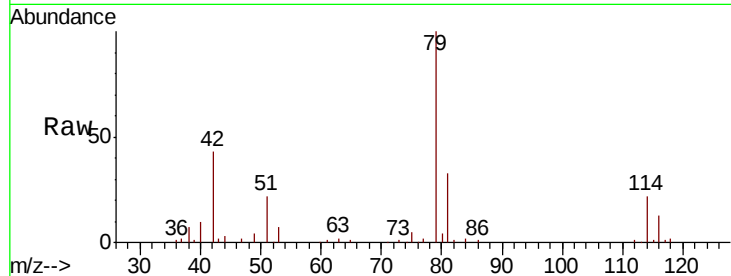




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038304.D
 Acq: 26 May 2020 18:09

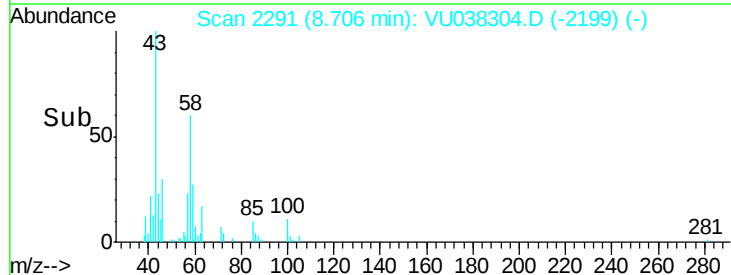
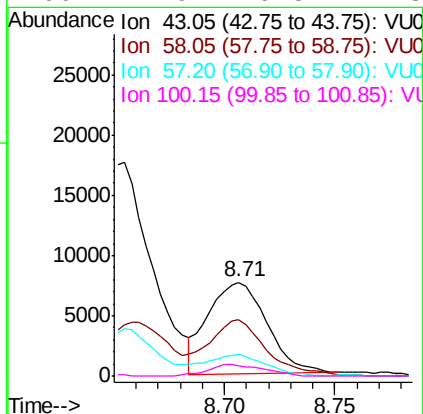
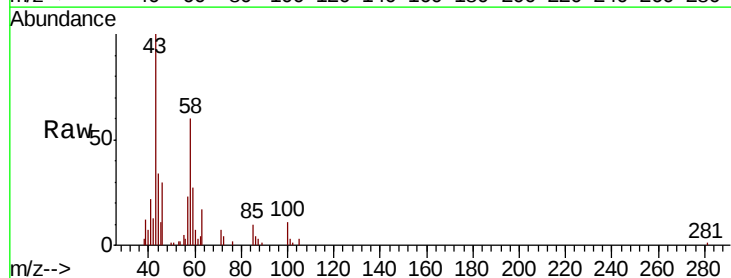
Instrument :
 MSVOA_U
 ClientSampleId :

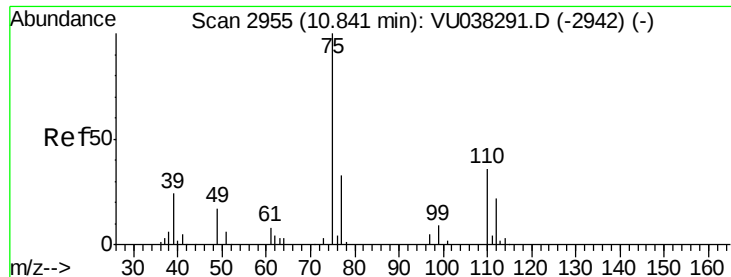
Tot Ion: 75 Resp: 3657
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.108 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038304.D
 Acq: 26 May 2020 18:09

Tgt Ion: 43 Resp: 14013
 Ion Ratio Lower Upper
 43 100
 58 59.6 45.2 67.8
 57 23.7 15.5 23.3#
 100 11.9 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 1.027 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038304.D

Acq: 26 May 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17174

Ion Ratio Lower Upper

75 100

77 42.5 25.4 38.0#

