

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
 Data File : VU038081.D
 Acq On : 08 May 2020 14:09
 Operator : JC/MD
 Sample : VU0508WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:12:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	350430	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	342747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	158845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	145023	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	127285	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.59	63	174375	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	373073	47.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	5.10	84	205515	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.74	65	129408	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.76	84	489944	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	158842	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	425421	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	56499	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.65	63	303405	48.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115649	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	150689	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

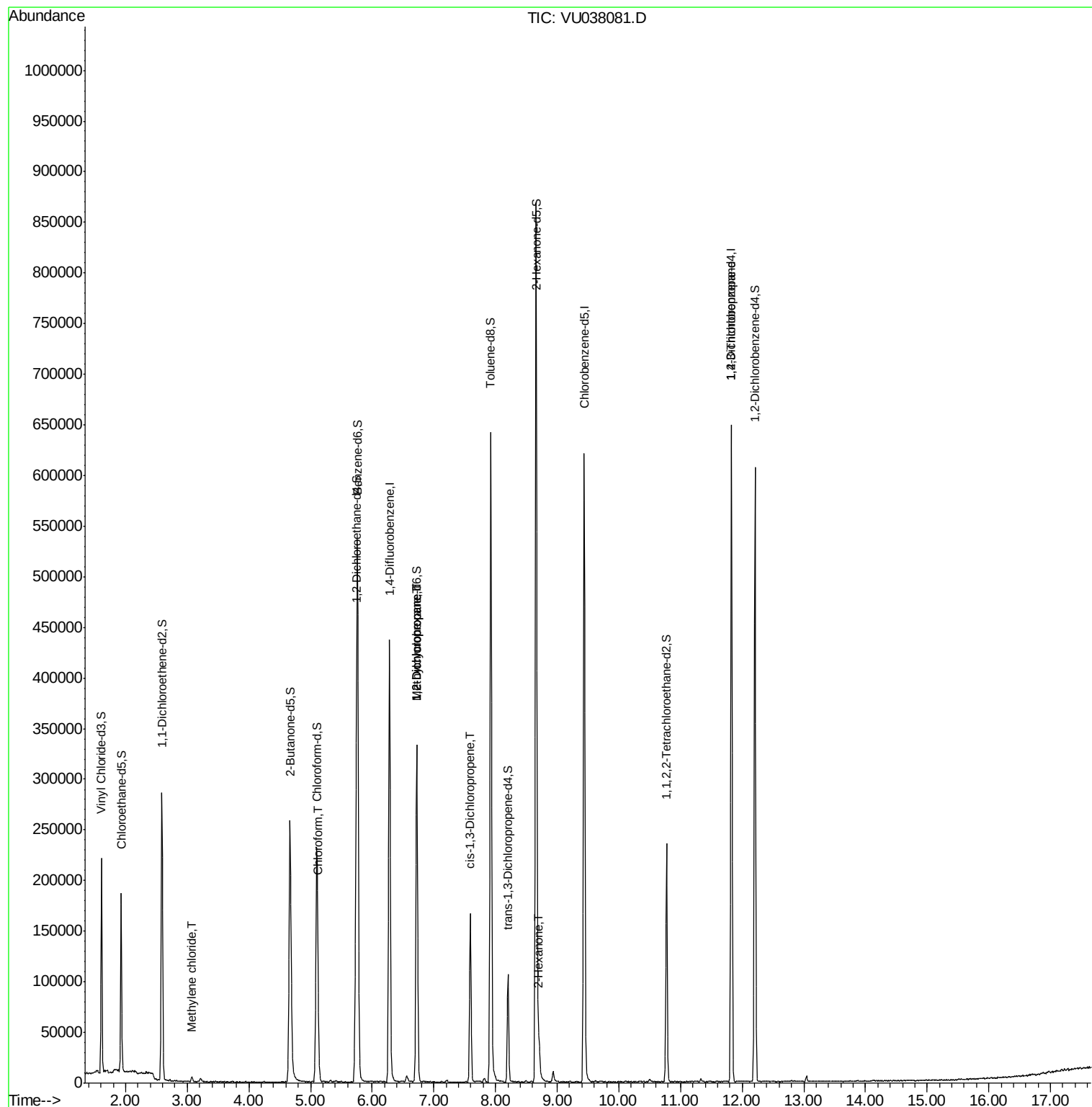
					Ovalue
16) Methylene chloride	3.08	84	2010	0.071 ug/L	97
25) Chloroform	5.12	83	23362	0.483 ug/L	97
35) Methylcyclohexane	6.72	83	35775	0.805 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16195	0.543 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3552	0.083 ug/L #	50
48) 2-Hexanone	8.71	43	19260	1.273 ug/L #	94
59) 1,2,3-Trichloropropane	11.83	75	21993	1.099 ug/L	92

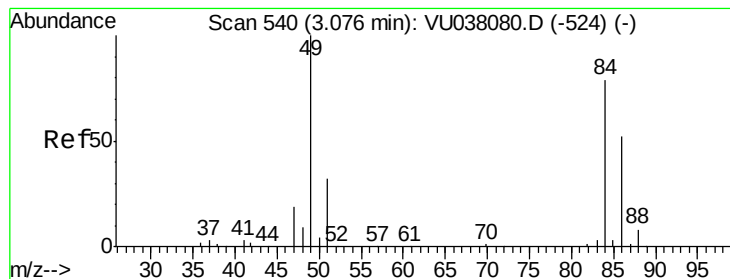
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 09 00:11:09 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.071 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038081.D

Acq: 08 May 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

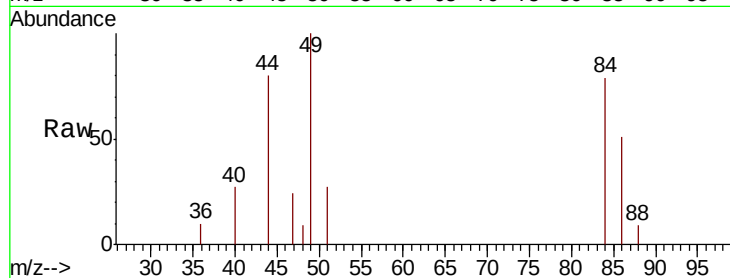
Tot Ion: 84 Resp: 2010

Ion Ratio Lower Upper

84 100

86 64.7 44.9 83.3

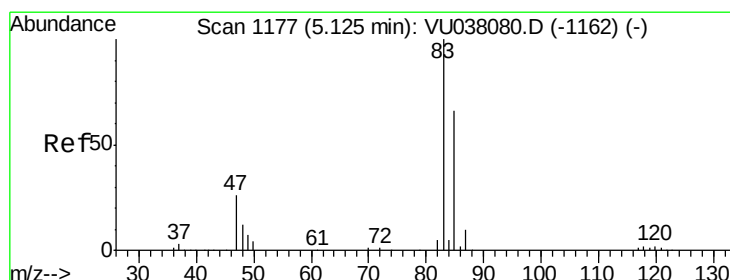
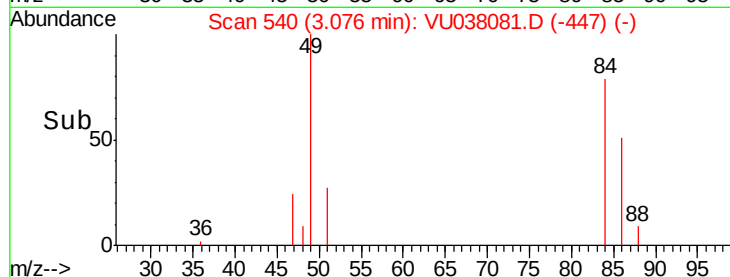
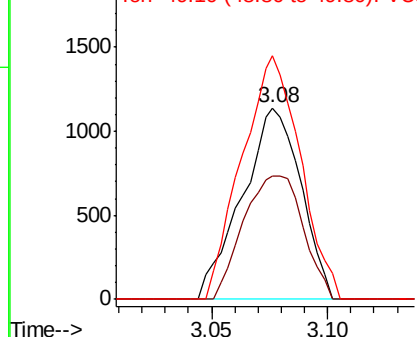
49 127.3 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038081.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU038081.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU038081.D (-447) (-)



#25

Chloroform

Concen: 0.483 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038081.D

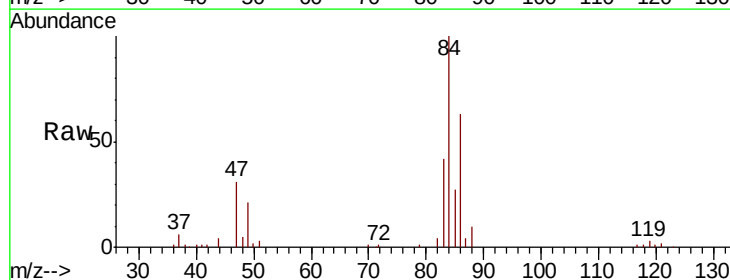
Acq: 08 May 2020 14:09

Tgt Ion: 83 Resp: 23362

Ion Ratio Lower Upper

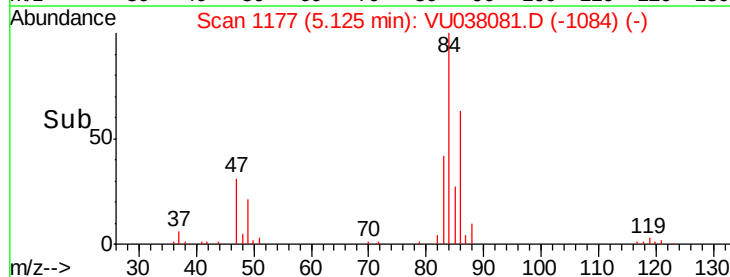
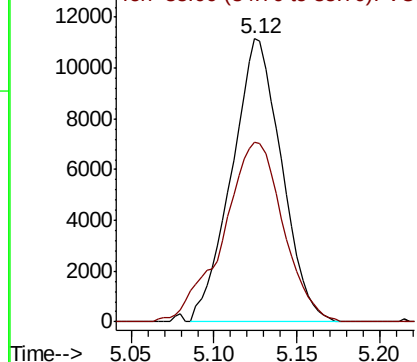
83 100

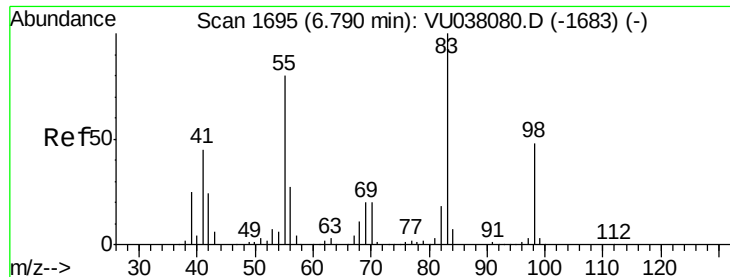
85 63.3 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038081.D (-1084) (-)

Ion 85.00 (84.70 to 85.70): VU038081.D (-1084) (-)

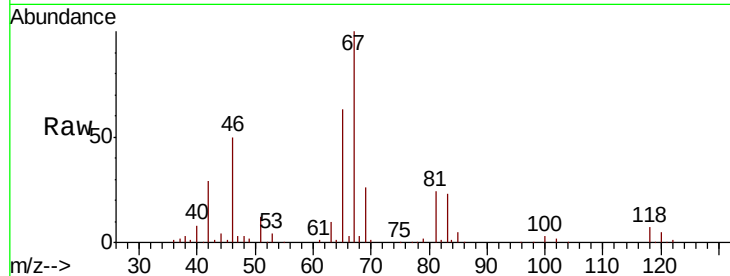




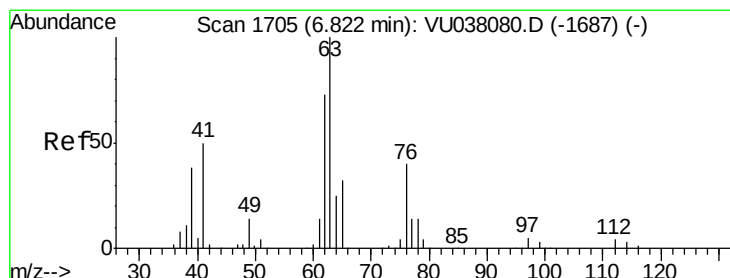
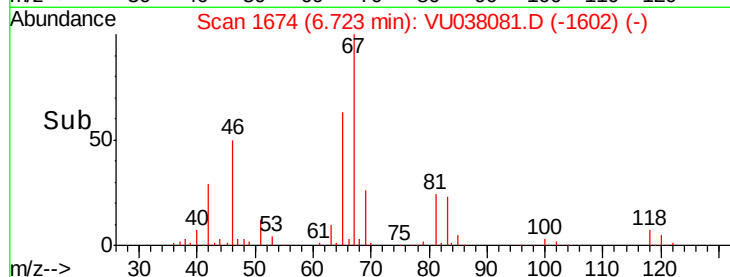
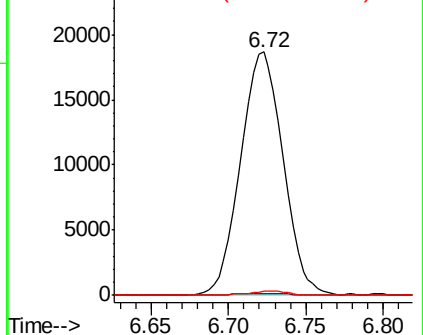
#35
Methylvlcyclohexane
Concen: 0.805 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038081.D
Acq: 08 May 2020 14:09

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 35775
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 0.8 39.4 59.2#

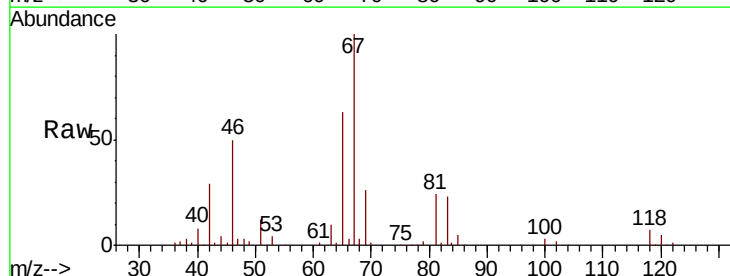


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

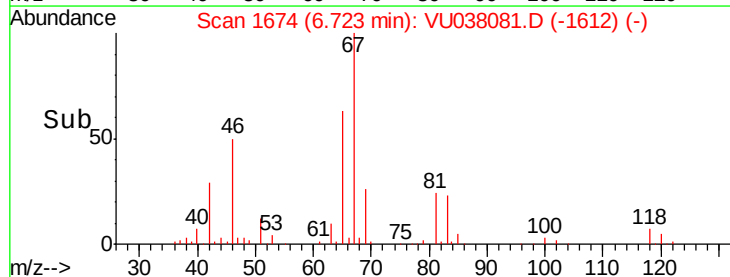
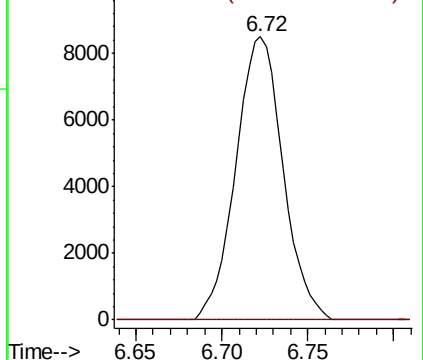


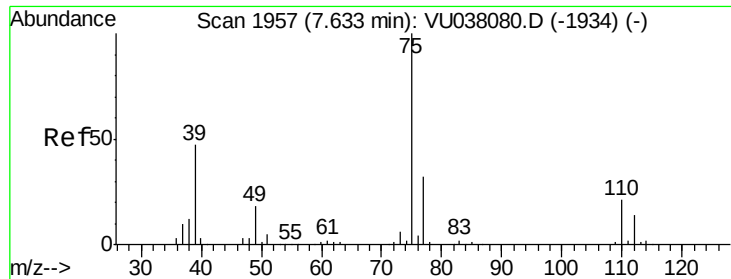
#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038081.D
Acq: 08 May 2020 14:09

Tgt Ion: 63 Resp: 16195
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

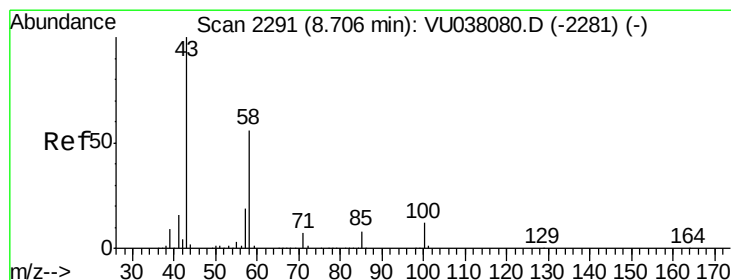
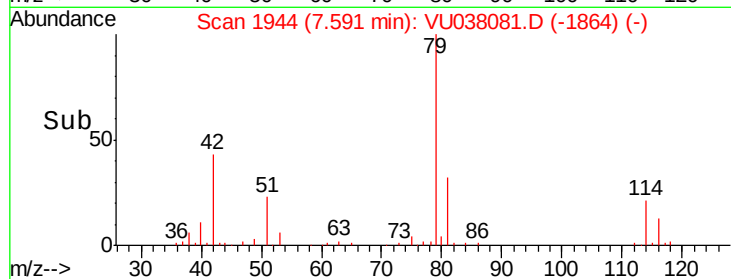
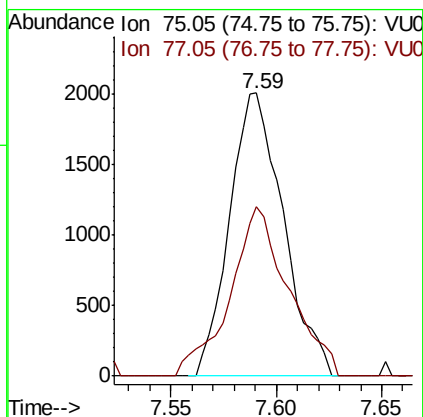
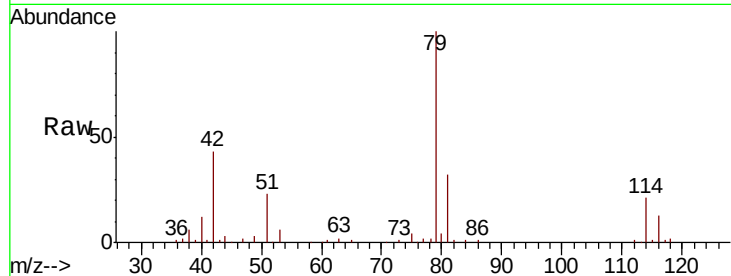




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038081.D
 Acq: 08 May 2020 14:09

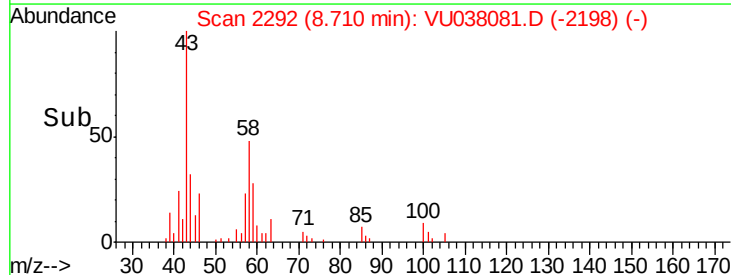
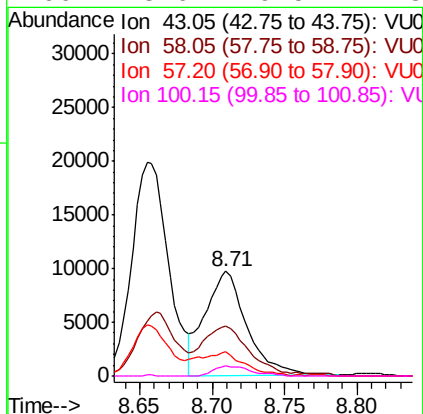
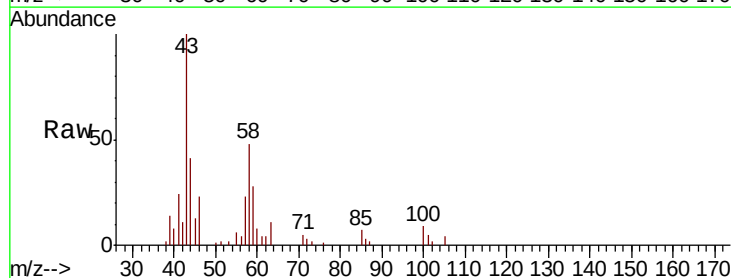
Instrument :
 MSVOA_U
 ClientSampleId :

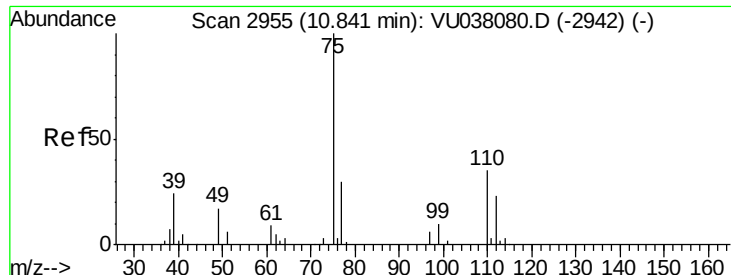
Tot Ion: 75 Resp: 3552
 Ion Ratio Lower Upper
 75 100
 77 60.1 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.273 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038081.D
 Acq: 08 May 2020 14:09

Tgt Ion: 43 Resp: 19260
 Ion Ratio Lower Upper
 43 100
 58 54.9 45.2 67.8
 57 26.6 15.5 23.3#
 100 8.6 9.5 14.3#





#59
 1,2,3-Trichloropropane
 Concen: 1.099 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038081.D
 Acq: 08 May 2020 14:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 21993
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.4 38.0

