

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053020\
 Data File : VU038384.D
 Acq On : 29 May 2020 18:29
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:05:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	287858	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	277241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138061	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121529	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	94781	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.59	63	177554	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.67	46	371713	57.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.44%
24) Chloroform-d	5.10	84	217263	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	129131	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.76	84	462239	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.72	67	138361	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.92	98	398716	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	8.20	79	56516	5.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.20%
46) 2-Hexanone-d5	8.65	63	327946	64.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115506	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	156849	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

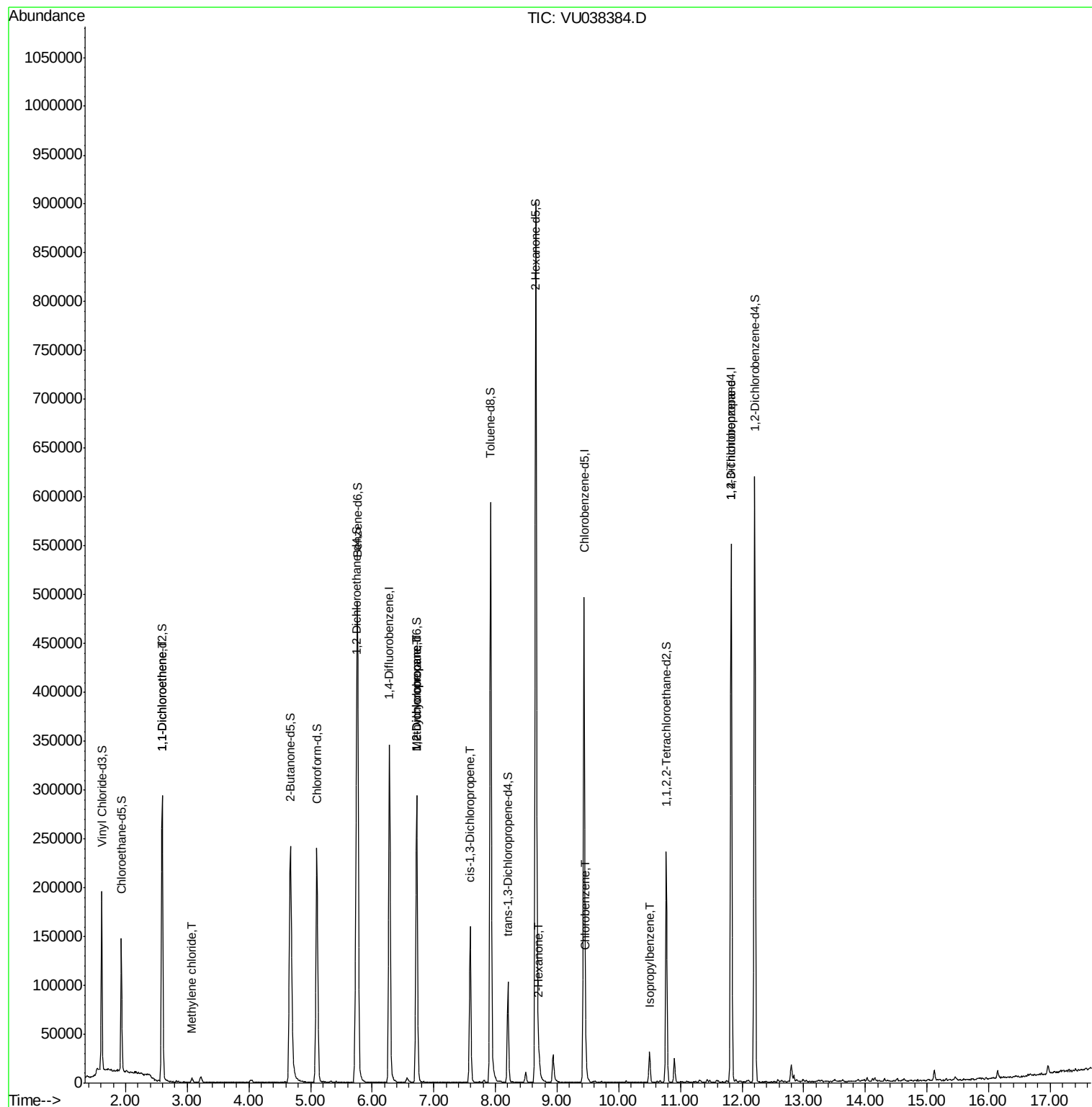
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1550	0.078	ug/L #	1
16) Methylene chloride	3.08	84	2024	0.087	ug/L #	80
35) Methylcyclohexane	6.72	83	32257	0.897	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14906	0.618	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	3956	0.115	ug/L #	62
48) 2-Hexanone	8.71	43	12324	1.007	ug/L #	84
51) Chlorobenzene	9.47	112	12281	0.211	ug/L	91
56) Isopropylbenzene	10.50	105	21083	0.218	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	18297	1.130	ug/L	92

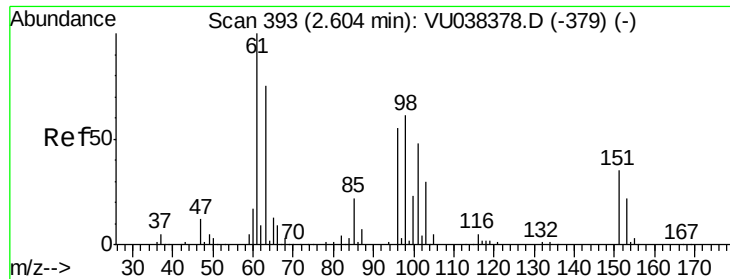
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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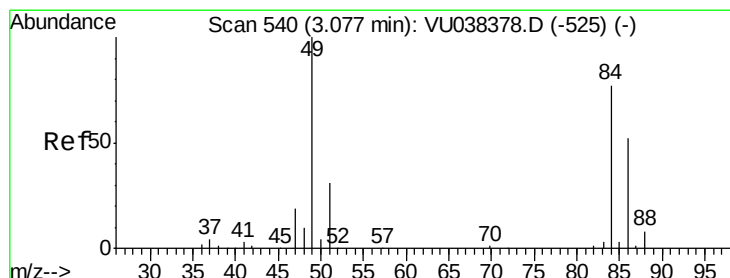
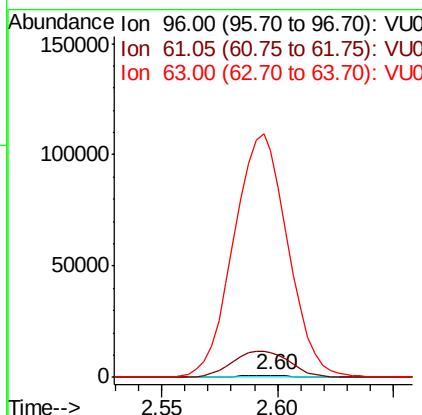
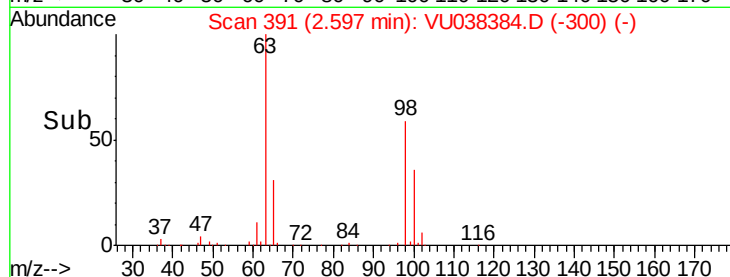
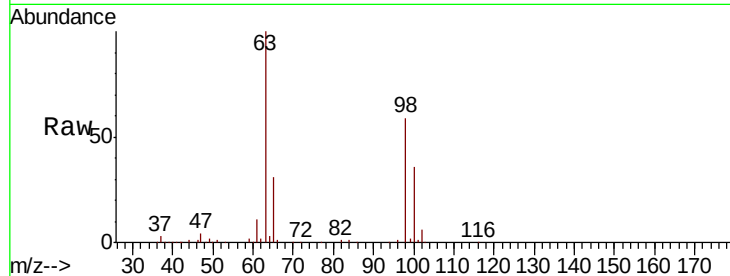




#12
 1,1-Dichloroethene
 Concen: 0.078 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU038384.D
 Acq: 29 May 2020 18:29

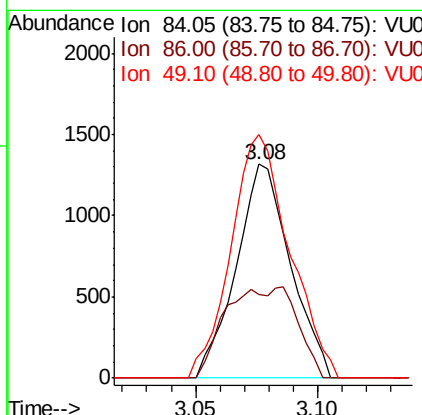
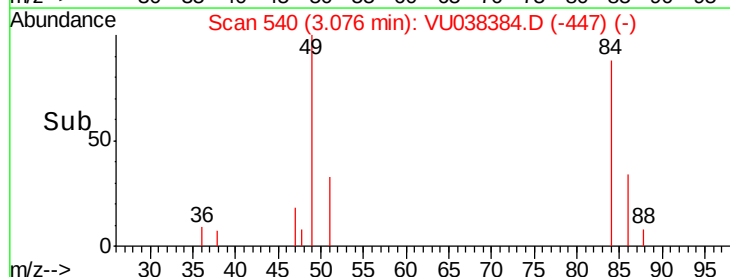
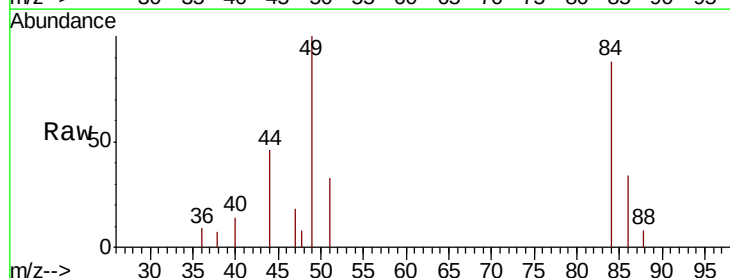
Instrument :
 MSVOA_U
 ClientSampled :

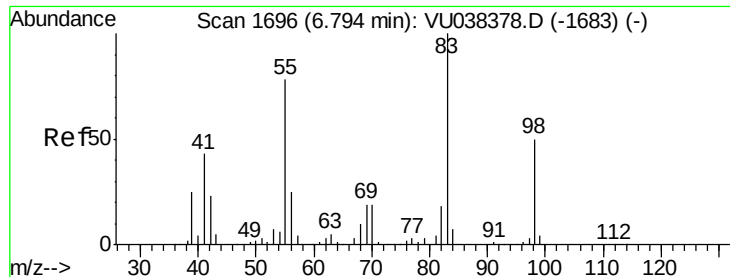
Tot Ion: 96 Resp: 1550
 Ion Ratio Lower Upper
 96 100
 61 1246.3 126.2 234.4#
 63 11454.4 96.9 179.9#



#16
 Methylene chloride
 Concen: 0.087 ug/L
 RT: 3.08 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: VU038384.D
 Acq: 29 May 2020 18:29

Tgt Ion: 84 Resp: 2024
 Ion Ratio Lower Upper
 84 100
 86 39.3 44.9 83.3#
 49 113.9 92.0 170.9

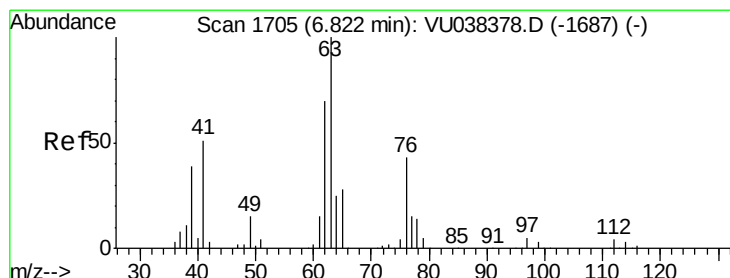
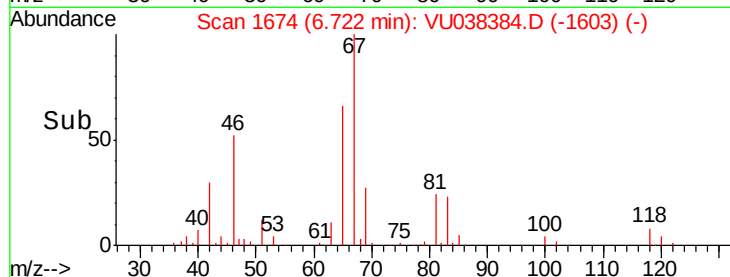
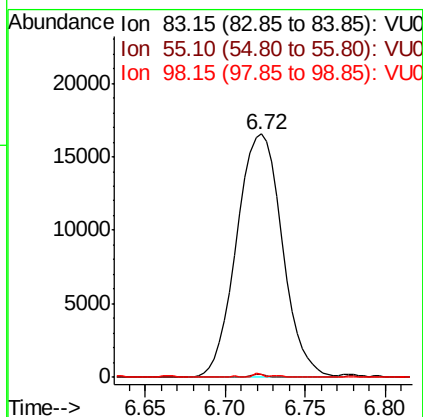
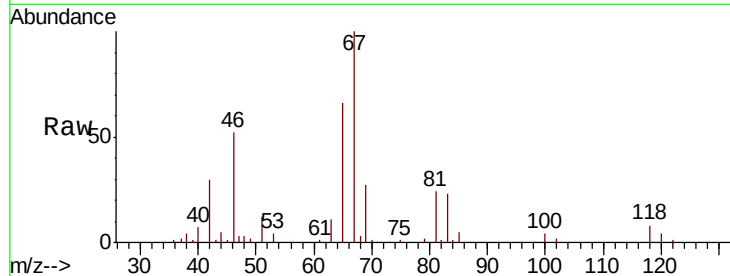




#35
Methylvlcyclohexane
Concen: 0.897 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038384.D
Acq: 29 May 2020 18:29

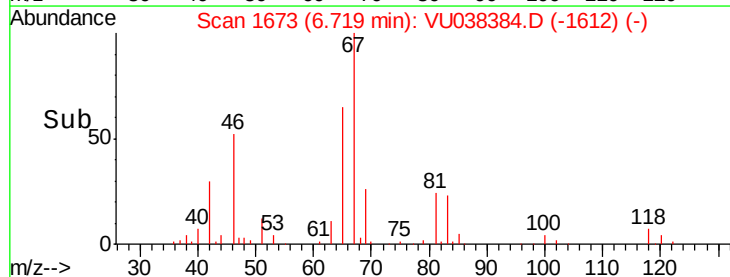
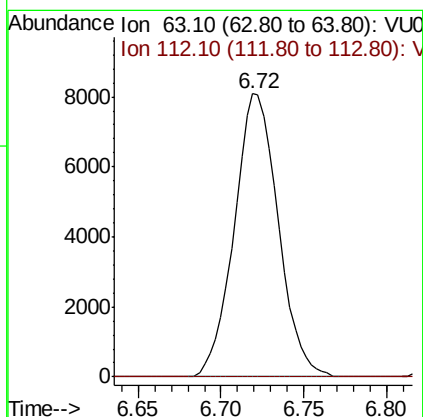
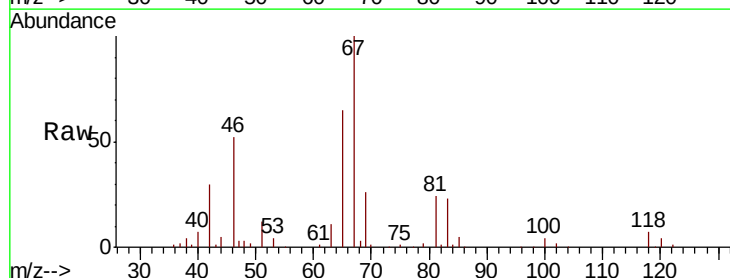
Instrument :
MSVOA_U
ClientSampleId :

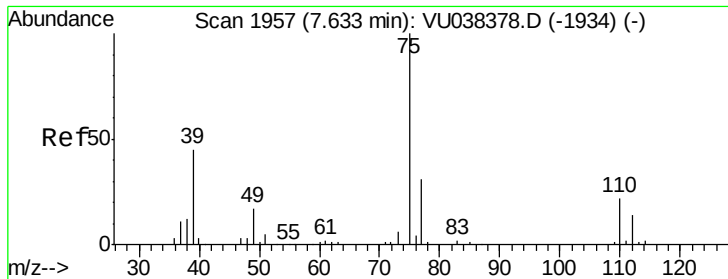
Tot Ion: 83 Resp: 32257
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 0.3 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038384.D
Acq: 29 May 2020 18:29

Tgt Ion: 63 Resp: 14906
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#

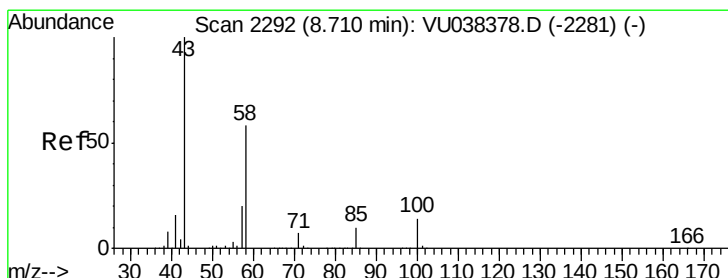
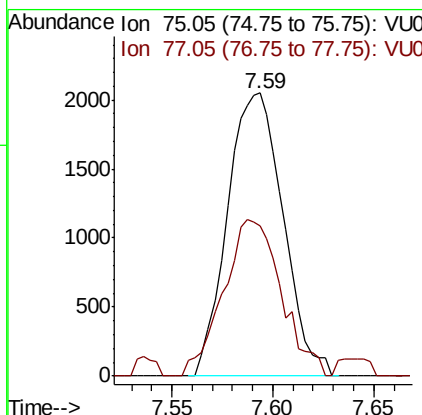
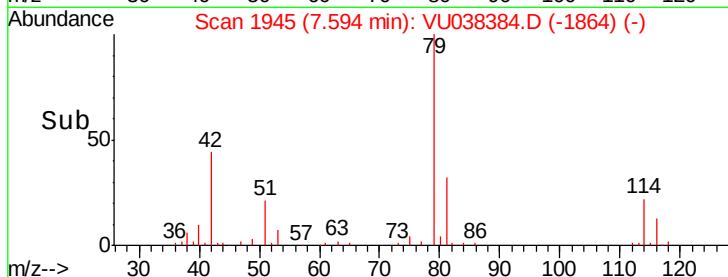
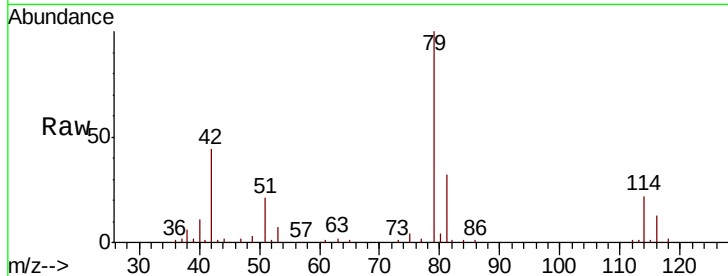




#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038384.D
 Acq: 29 May 2020 18:29

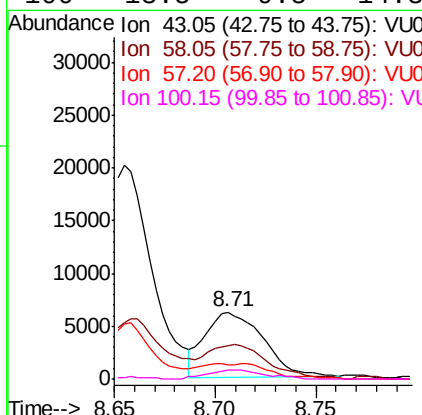
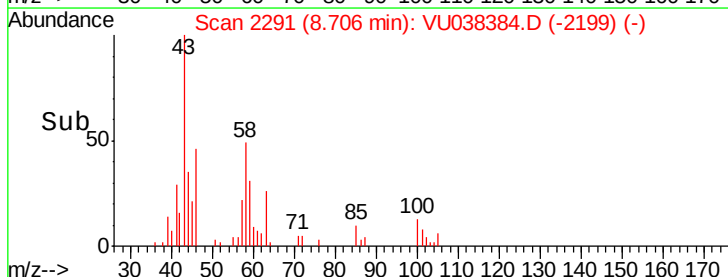
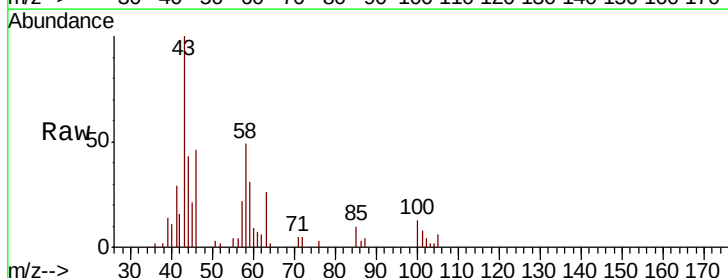
Instrument :
 MSVOA_U
 ClientSampleId :

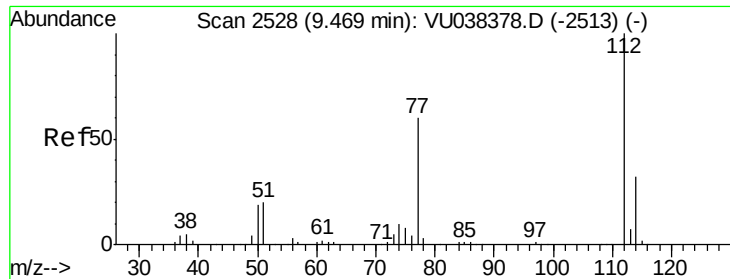
Tot Ion: 75 Resp: 3956
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.007 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038384.D
 Acq: 29 May 2020 18:29

Tgt Ion: 43 Resp: 12324
 Ion Ratio Lower Upper
 43 100
 58 48.1 45.2 67.8
 57 3.0 15.5 23.3#
 100 13.5 9.5 14.3





#51

Chlorobenzene

Concen: 0.211 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU038384.D

Acq: 29 May 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

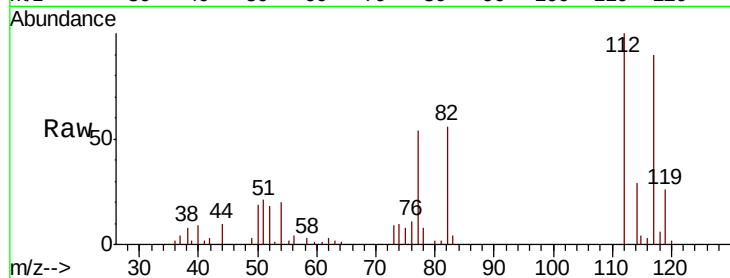
Tot Ion:112 Resp: 12281

Ion Ratio Lower Upper

112 100

114 29.0 22.5 41.7

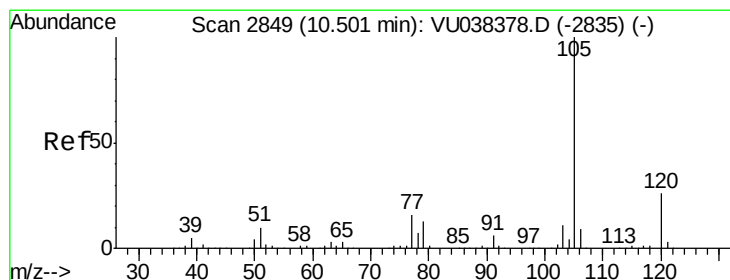
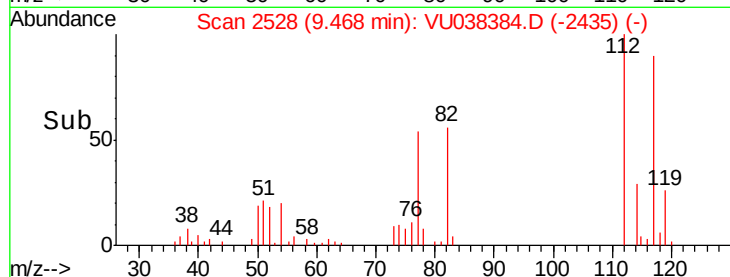
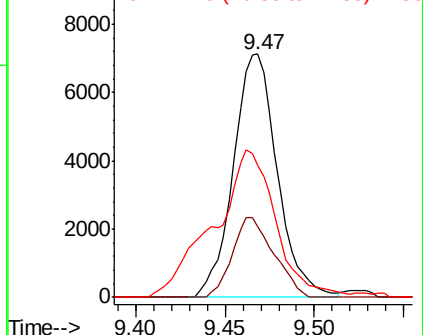
77 54.2 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



#56

Isopropylbenzene

Concen: 0.218 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038384.D

Acq: 29 May 2020 18:29

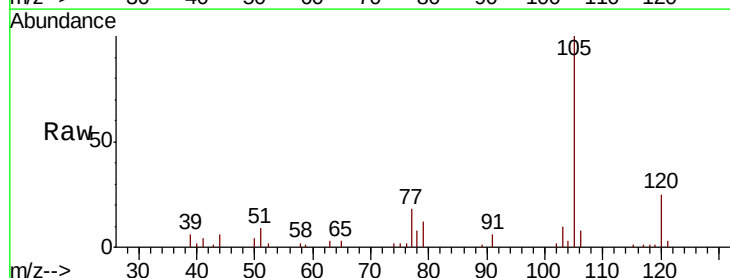
Tgt Ion:105 Resp: 21083

Ion Ratio Lower Upper

105 100

120 27.0 21.0 31.6

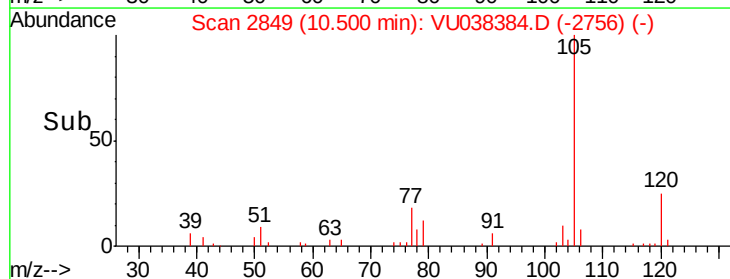
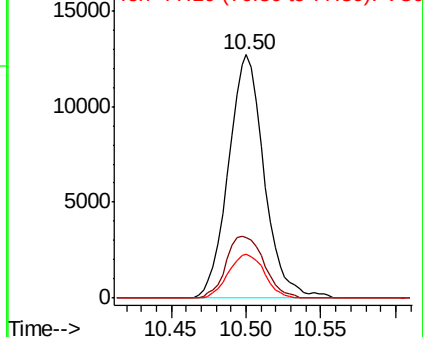
77 18.1 13.0 19.4

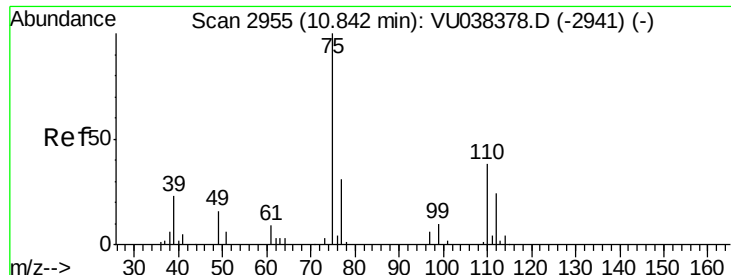


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 1.130 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038384.D

Acq: 29 May 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 18297

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.0

