

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052020\
 Data File : VU038255.D
 Acq On : 20 May 2020 18:11
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 01:17:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:14:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	331913	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	154395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141377	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	126088	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	178389	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.66	46	418756	55.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.80%
24) Chloroform-d	5.10	84	231111	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	138975	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.76	84	495698	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.72	67	161830	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.92	98	436954	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	8.20	79	58826	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.65	63	343491	58.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	128769	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	163793	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

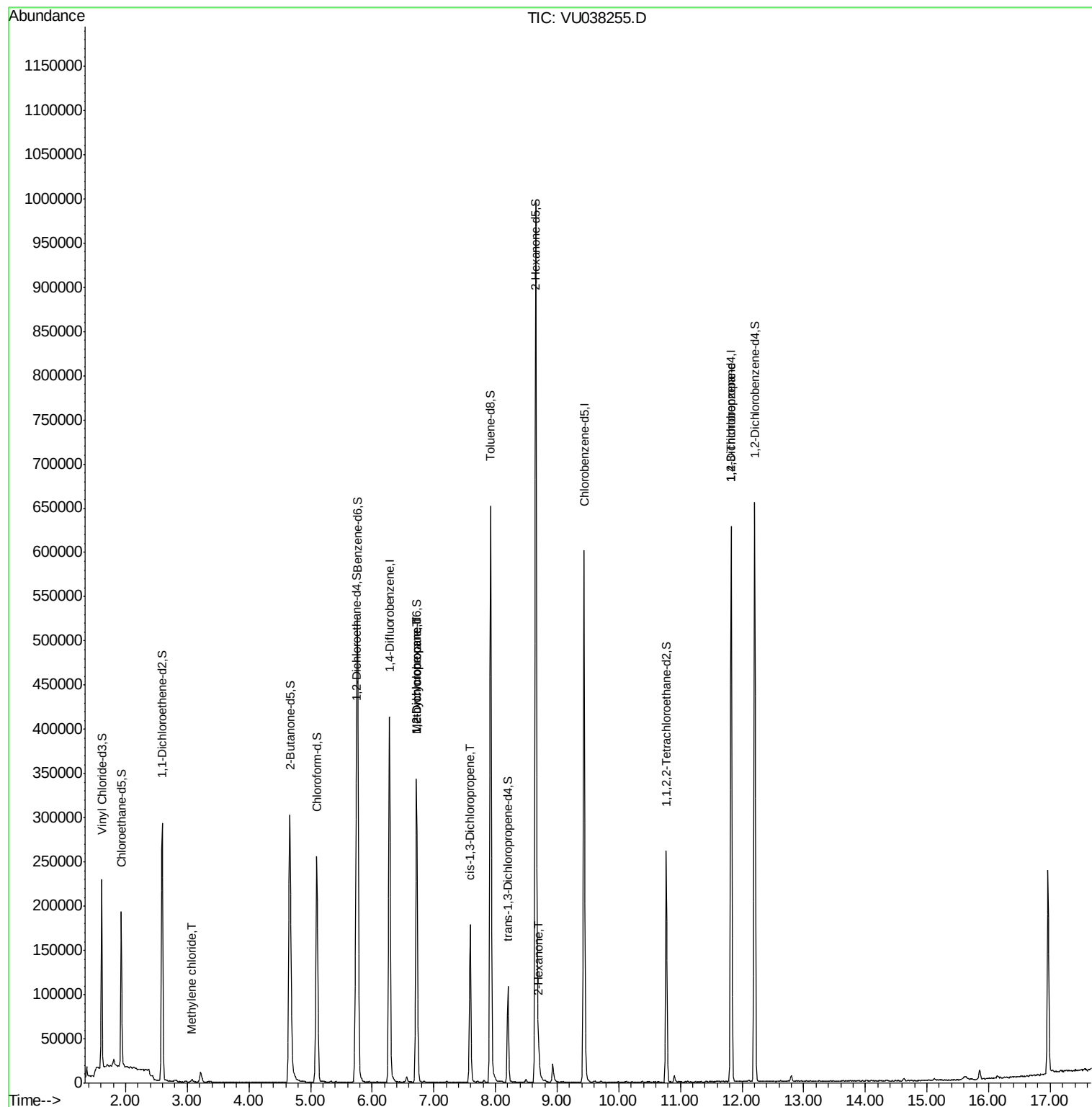
					Ovalue
16) Methylene chloride	3.08	84	1777	0.066 ug/L #	65
35) Methylcyclohexane	6.72	83	36024	0.872 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17148	0.619 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4001	0.101 ug/L #	68
48) 2-Hexanone	8.71	43	14870	1.057 ug/L	97
59) 1,2,3-Trichloropropane	11.82	75	21262	1.143 ug/L	95

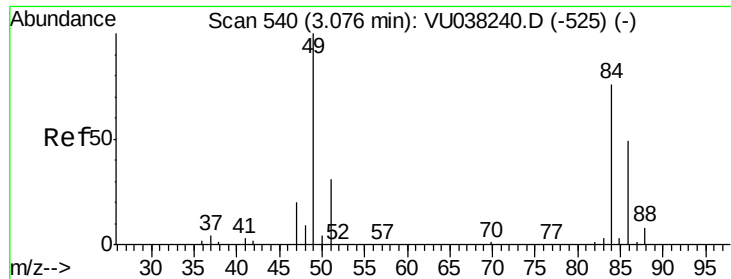
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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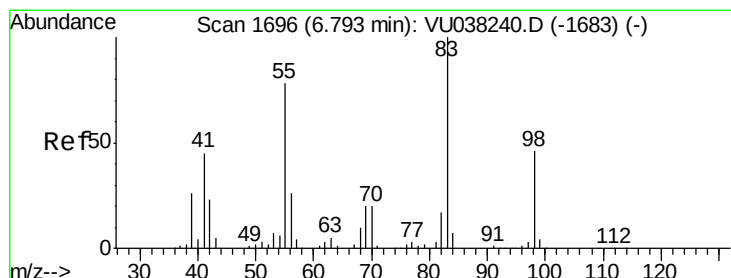
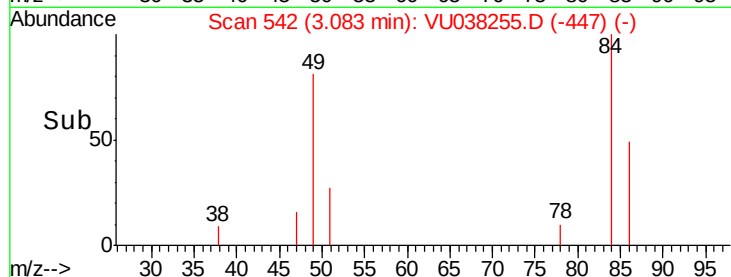
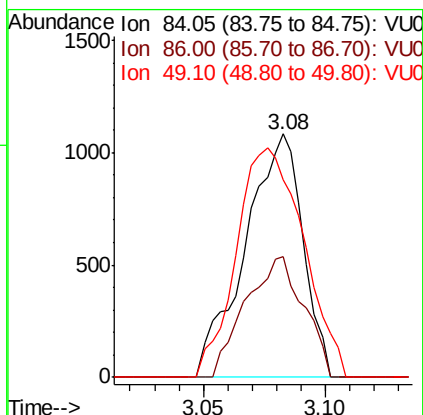
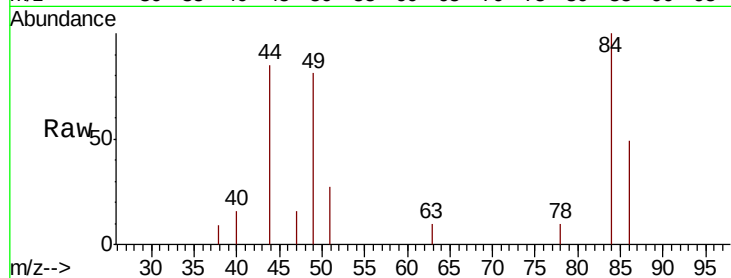




#16
Methylene chloride
Concen: 0.066 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.01 min
Lab File: VU038255.D
Acq: 20 May 2020 18:11

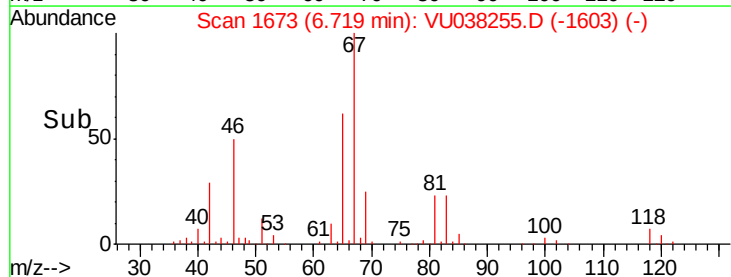
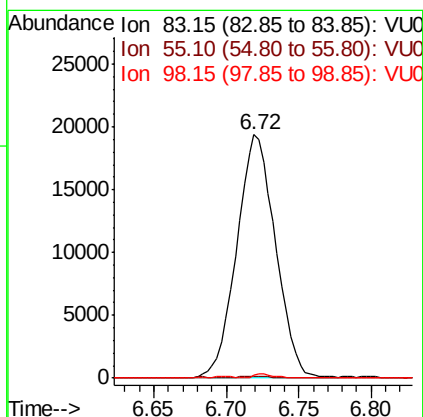
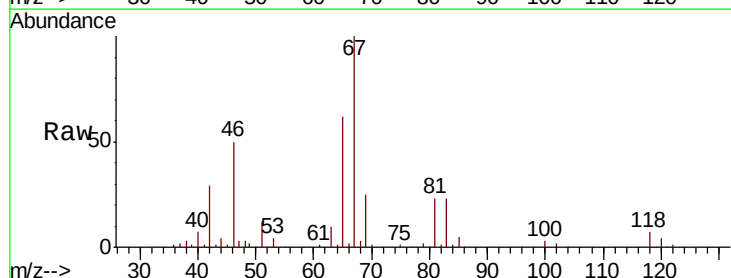
Instrument :
MSVOA_U
ClientSampled :

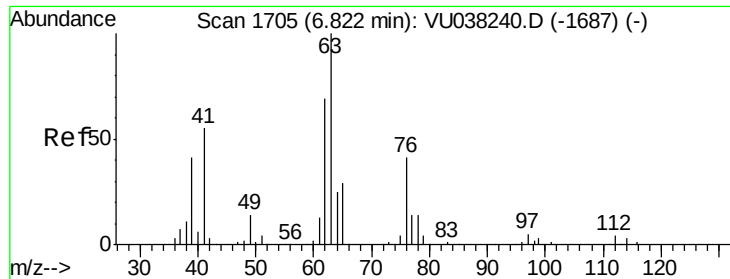
Tot Ion: 84 Resp: 1777
Ion Ratio Lower Upper
84 100
86 49.4 44.9 83.3
49 80.9 92.0 170.9#



#35
Methylcyclohexane
Concen: 0.872 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038255.D
Acq: 20 May 2020 18:11

Tgt Ion: 83 Resp: 36024
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 0.9 39.4 59.2#

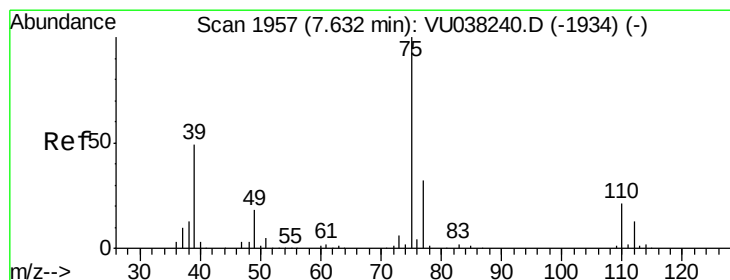
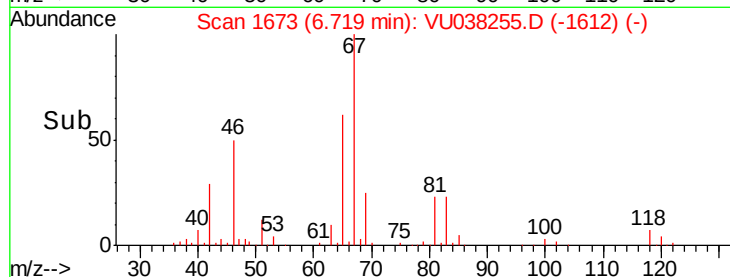
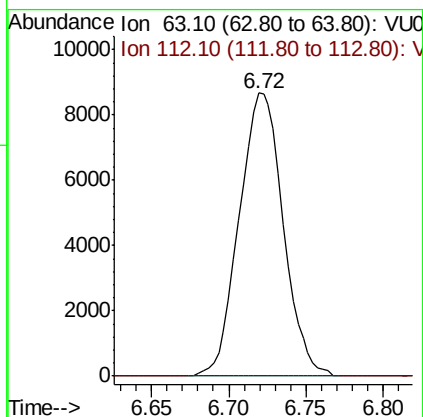
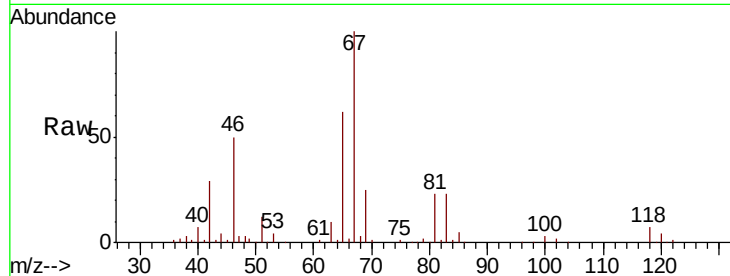




#37
 1,2-Dichloropropane
 Concen: 0.619 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038255.D
 Acq: 20 May 2020 18:11

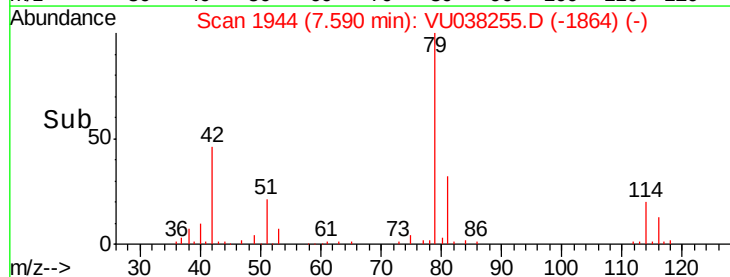
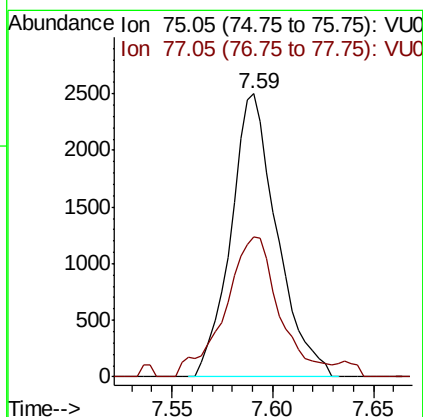
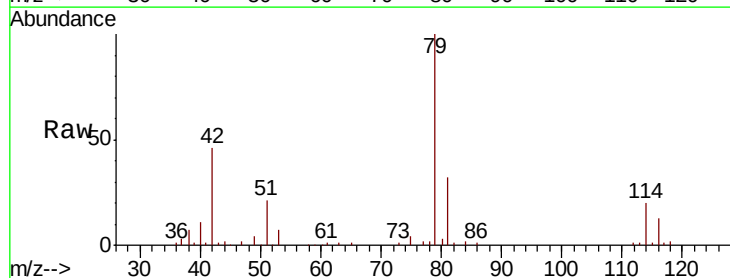
Instrument :
 MSVOA_U
 ClientSampled :

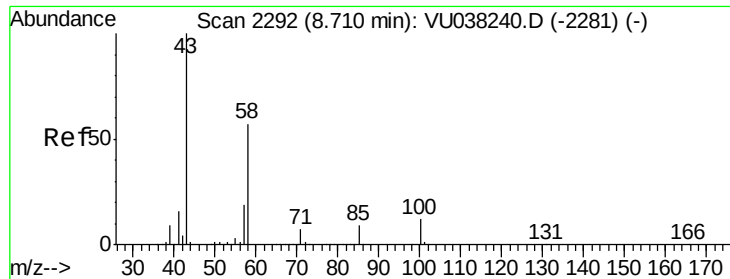
Tot Ion: 63 Resp: 17148
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038255.D
 Acq: 20 May 2020 18:11

Tgt Ion: 75 Resp: 4001
 Ion Ratio Lower Upper
 75 100
 77 49.6 22.4 41.6#

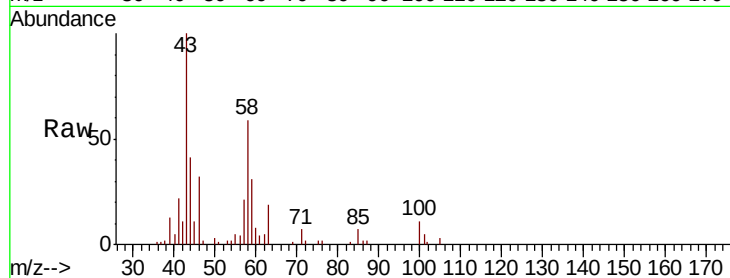




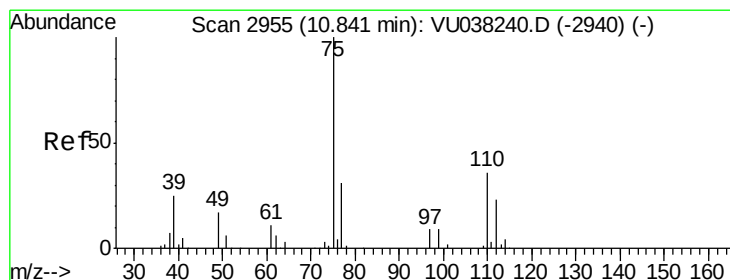
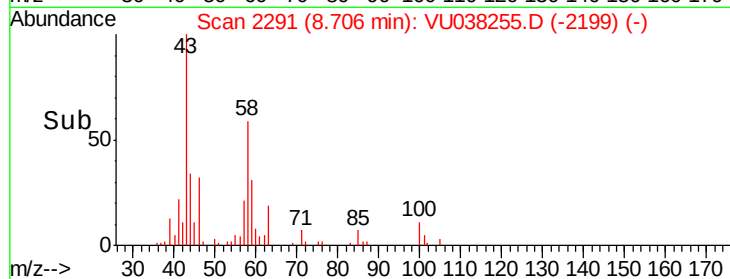
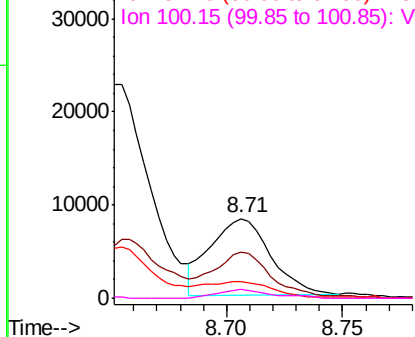
#48
2-Hexanone
Concen: 1.057 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038255.D
Acq: 20 May 2020 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 14870
Ion Ratio Lower Upper
43 100
58 54.9 45.2 67.8
57 21.9 15.5 23.3
100 10.5 9.5 14.3

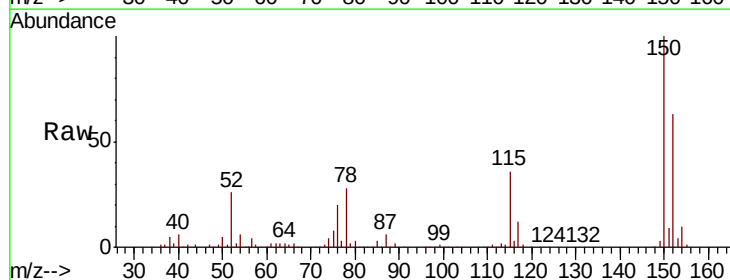


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.143 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038255.D
Acq: 20 May 2020 18:11

Tgt Ion: 75 Resp: 21262
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.0



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

