

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038321.D
 Acq On : 27 May 2020 15:23
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:19:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	314261	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	306933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101734	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.93	69	90953	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.59	63	155943	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.66	46	327887	46.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.46%
24) Chloroform-d	5.10	84	199544	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.74	65	118721	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.76	84	430859	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.72	67	135353	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.92	98	377994	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.20	79	50267	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.65	63	265762	47.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106281	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	148844	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

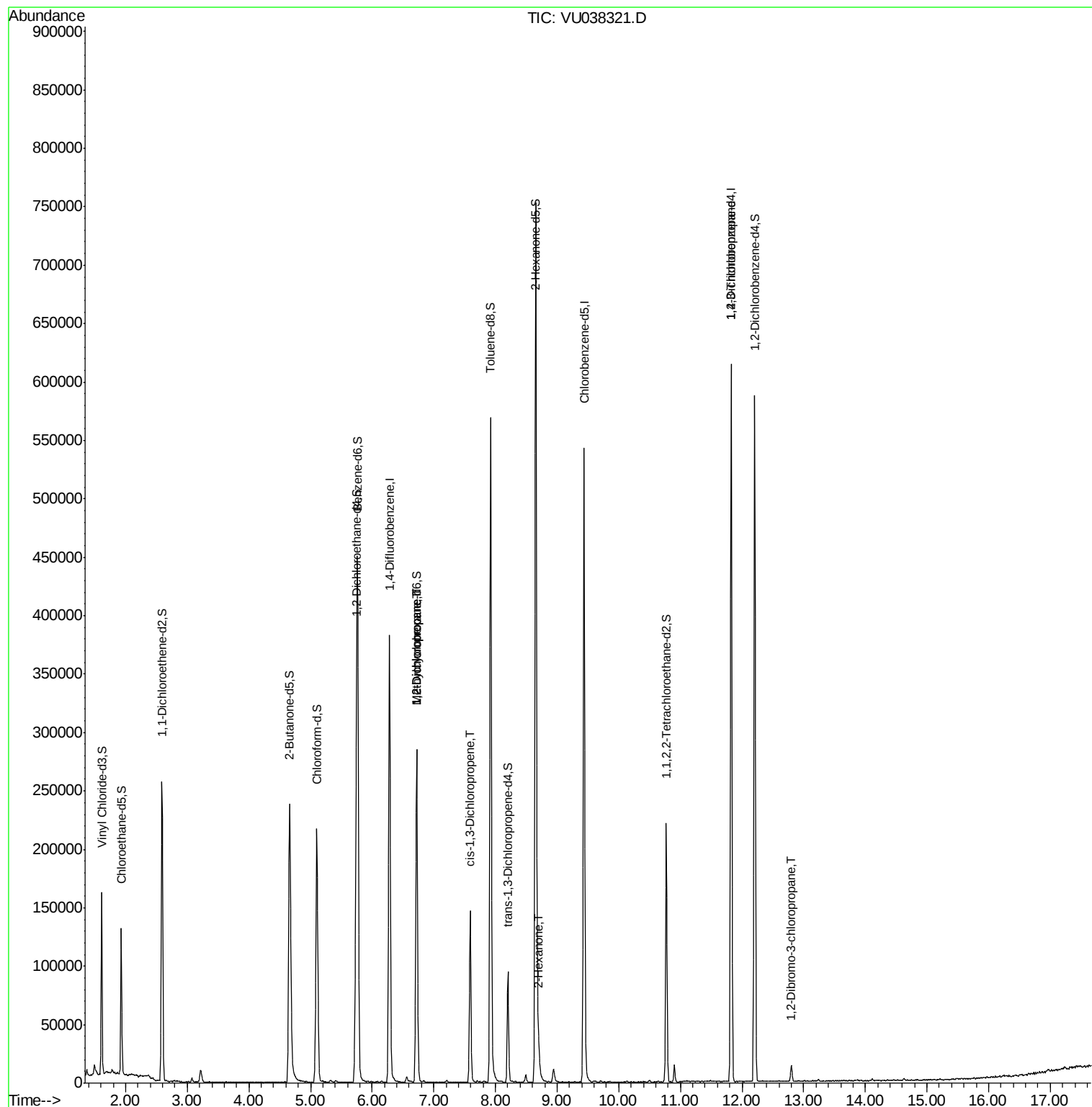
					Ovalue
35) Methylcyclohexane	6.72	83	31926	0.802 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15432	0.578 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3500	0.092 ug/L #	54
48) 2-Hexanone	8.71	43	14596	1.077 ug/L #	90
59) 1,2,3-Trichloropropane	11.83	75	20195	1.127 ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.80	75	637	0.162 ug/L #	8

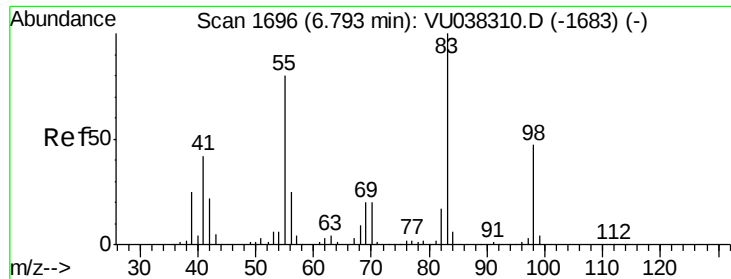
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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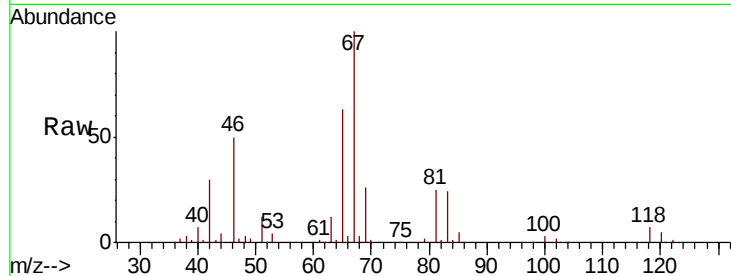




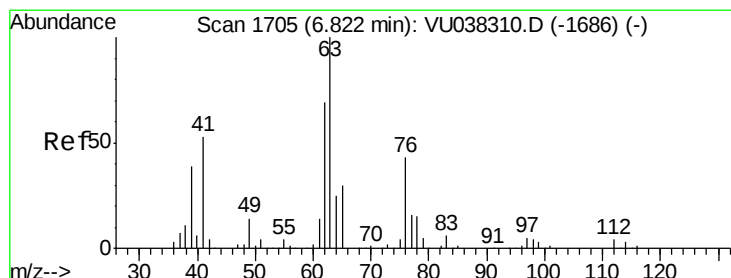
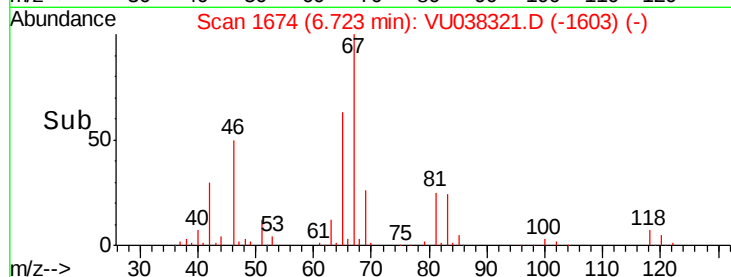
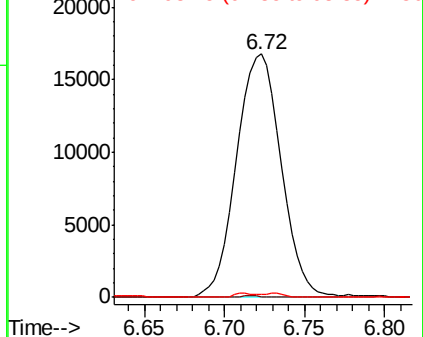
#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038321.D
Acq: 27 May 2020 15:23

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 31926
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 0.8 39.4 59.2#

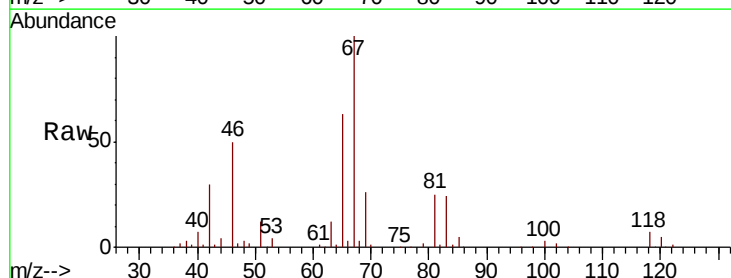


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

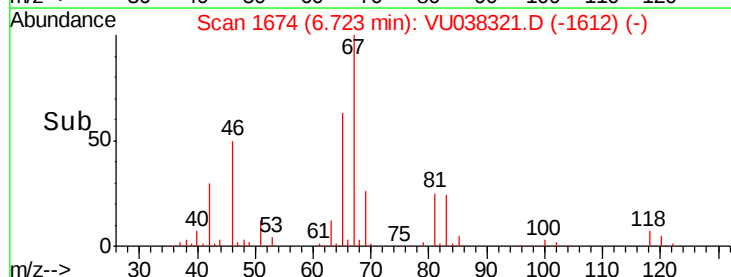
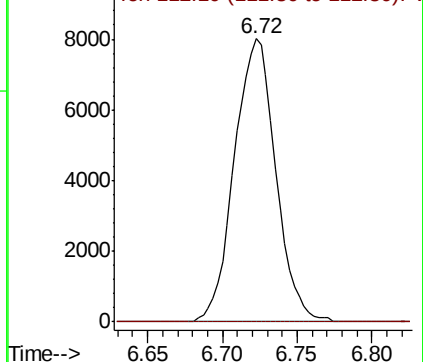


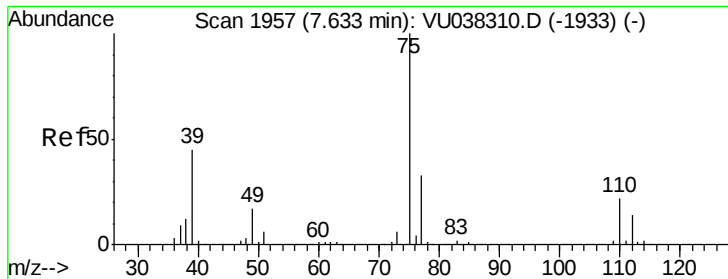
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038321.D
Acq: 27 May 2020 15:23

Tgt Ion: 63 Resp: 15432
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

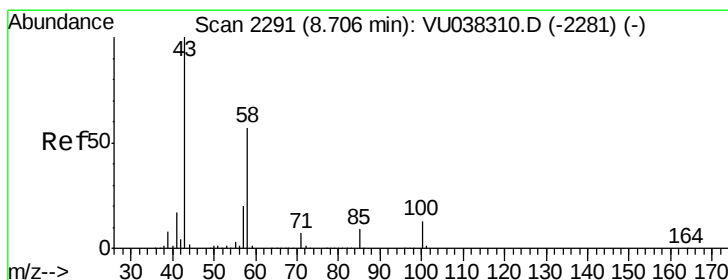
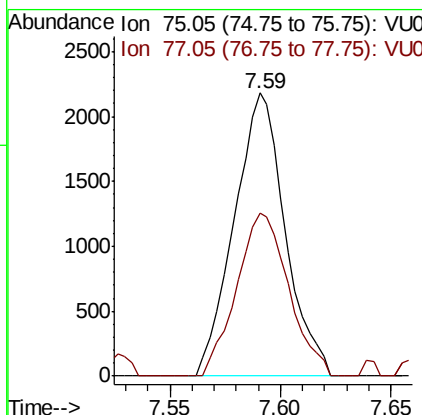
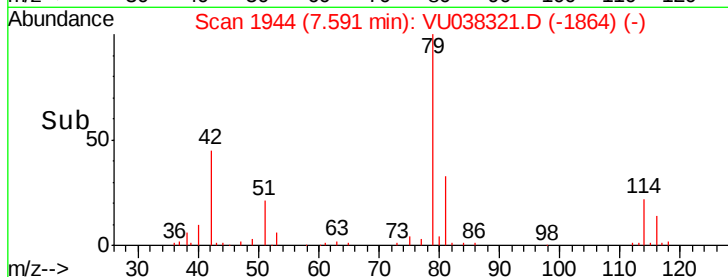
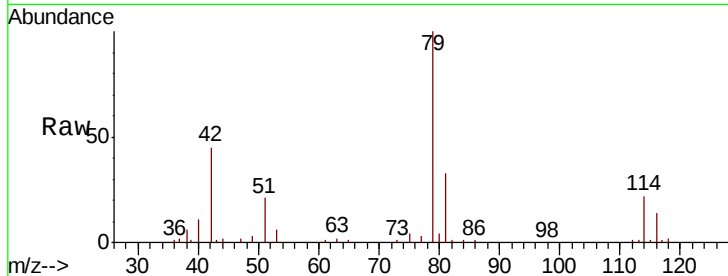




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038321.D
 Acq: 27 May 2020 15:23

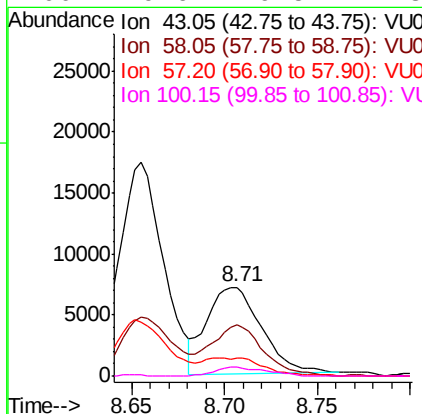
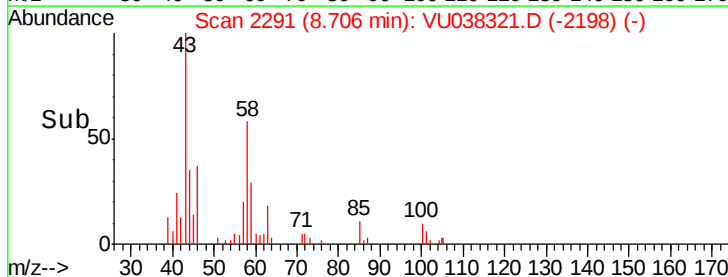
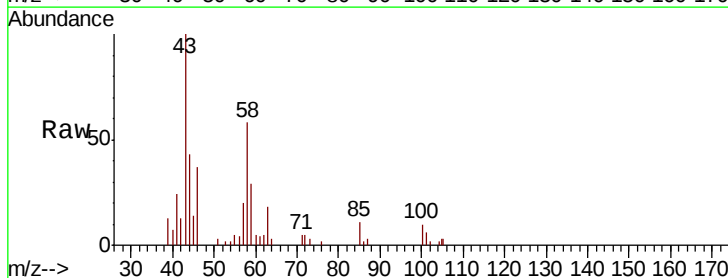
Instrument :
 MSVOA_U
 ClientSampleId :

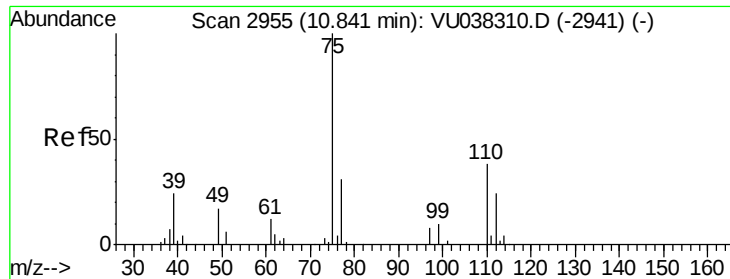
Tot Ion: 75 Resp: 3500
 Ion Ratio Lower Upper
 75 100
 77 57.8 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.077 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038321.D
 Acq: 27 May 2020 15:23

Tgt Ion: 43 Resp: 14596
 Ion Ratio Lower Upper
 43 100
 58 57.9 45.2 67.8
 57 2.6 15.5 23.3#
 100 9.6 9.5 14.3

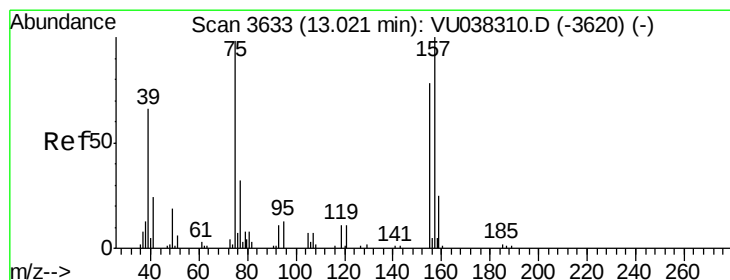
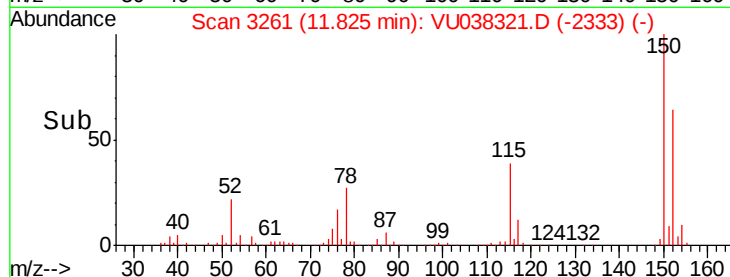
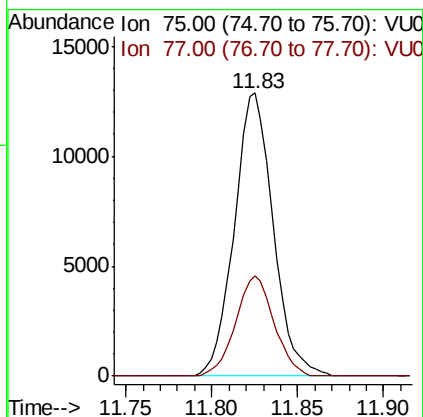
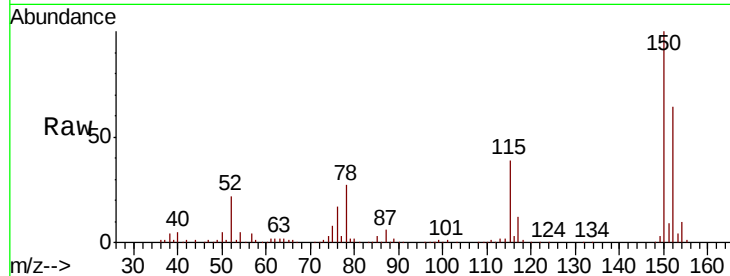




#59
 1,2,3-Trichloropropane
 Concen: 1.127 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038321.D
 Acq: 27 May 2020 15:23

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 20195
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.162 ug/L
 RT: 12.80 min Scan# 3564
 Delta R.T. -0.22 min
 Lab File: VU038321.D
 Acq: 27 May 2020 15:23

Tgt Ion: 75 Resp: 637
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 72.9 109.3#

