

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040111.D
 Acq On : 14 Sep 2020 11:15
 Operator : SY/MD
 Sample : VV0914WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK05

Quant Time: Sep 14 11:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 14 11:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113767	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34953	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.92	69	29034	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.58	63	58560	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.66	46	121411	48.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.74%
24) Chloroform-d	5.08	84	66395	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	43248	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.75	84	129014	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	42868	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	104646	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	17174	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	87034	44.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36314	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	41050	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

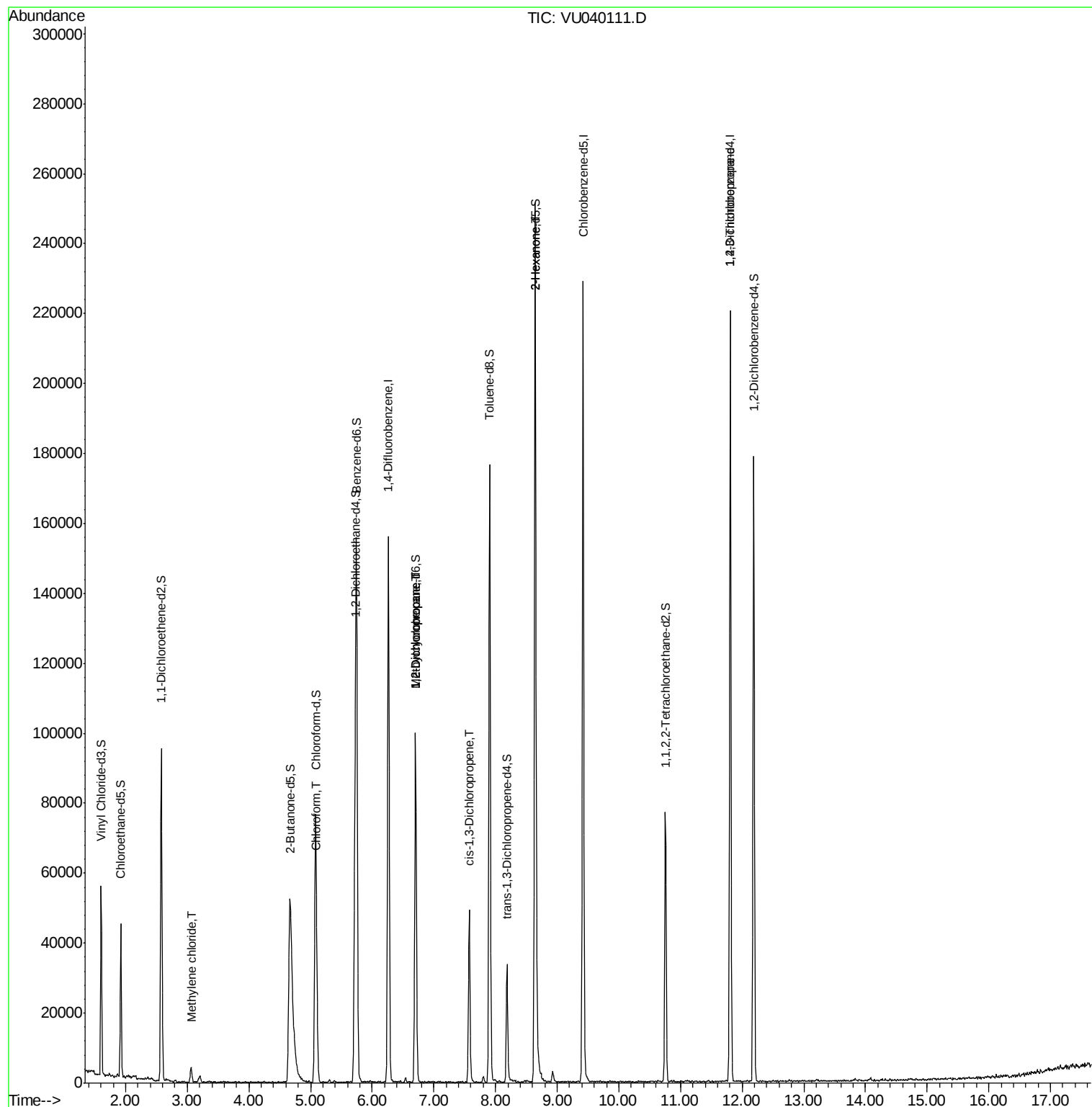
					Ovalue
16) Methylene chloride	3.06	84	1742	0.151 ug/L	85
25) Chloroform	5.11	83	5390	0.270 ug/L	97
35) Methylcyclohexane	6.70	83	9883	0.578 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5119	0.454 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1401	0.084 ug/L #	43
48) 2-Hexanone	8.64	43	12983	1.925 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	7443	0.892 ug/L #	81

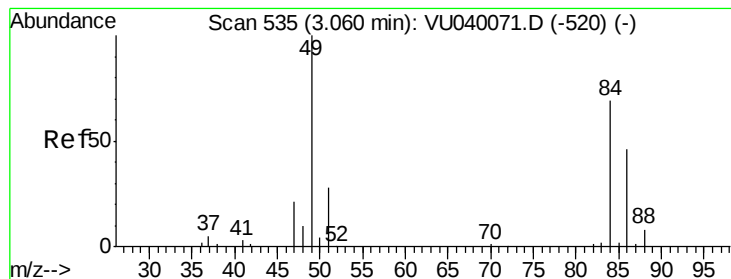
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.151 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040111.D

Acq: 14 Sep 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

VBLK05

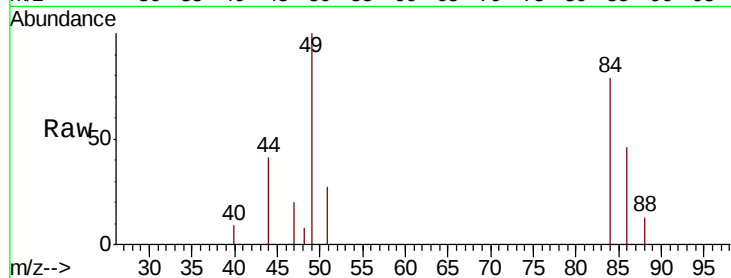
Tot Ion: 84 Resp: 1742

Ion Ratio Lower Upper

84 100

86 58.6 45.2 84.0

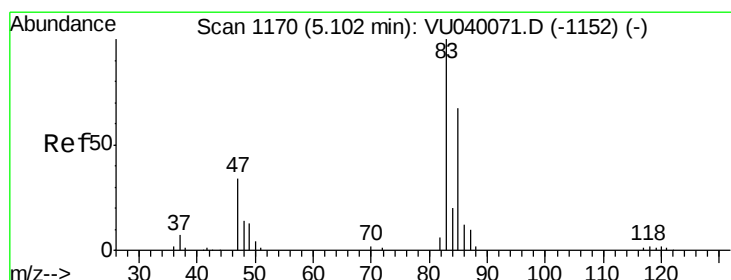
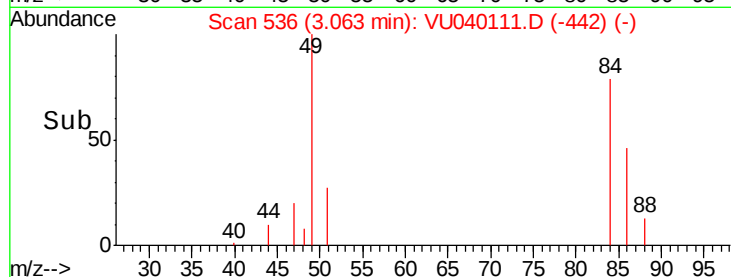
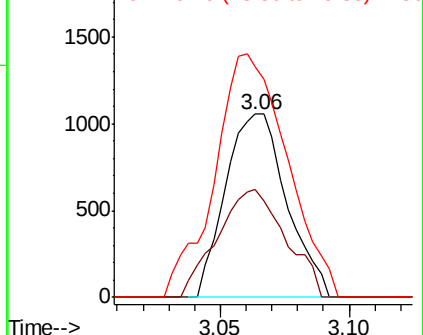
49 126.2 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#25

Chloroform

Concen: 0.270 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040111.D

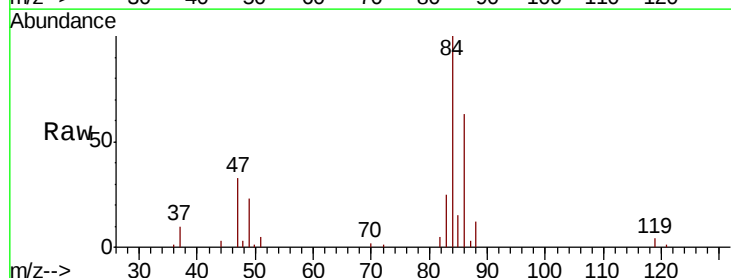
Acq: 14 Sep 2020 11:15

Tgt Ion: 83 Resp: 5390

Ion Ratio Lower Upper

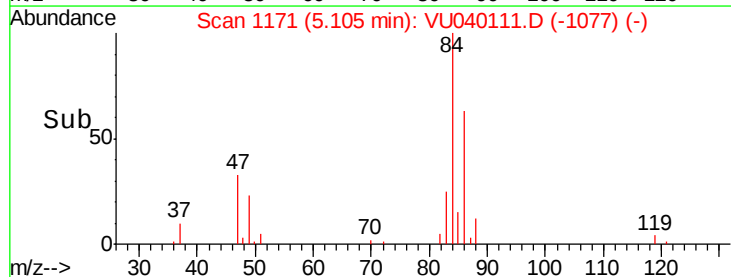
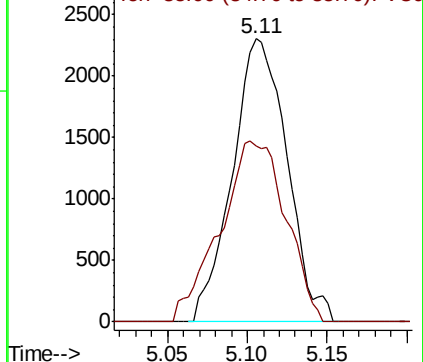
83 100

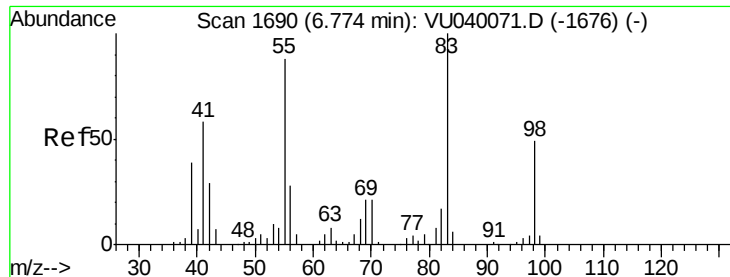
85 62.0 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

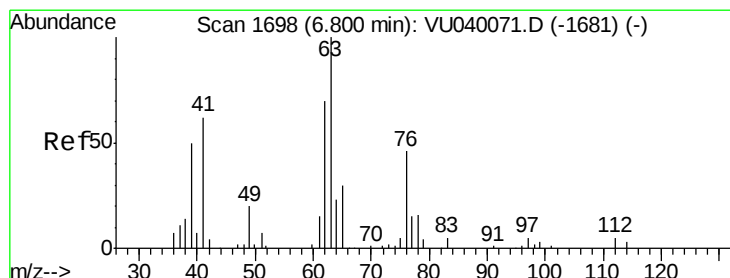
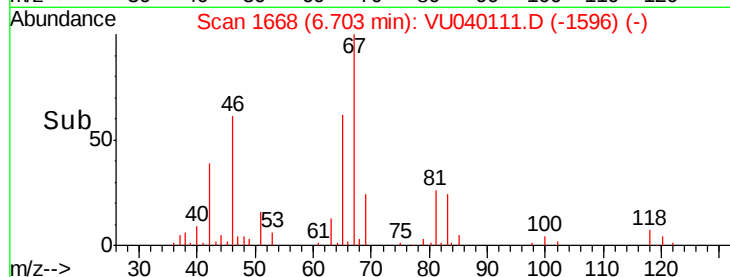
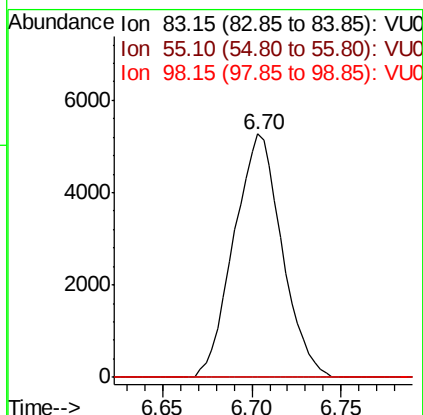
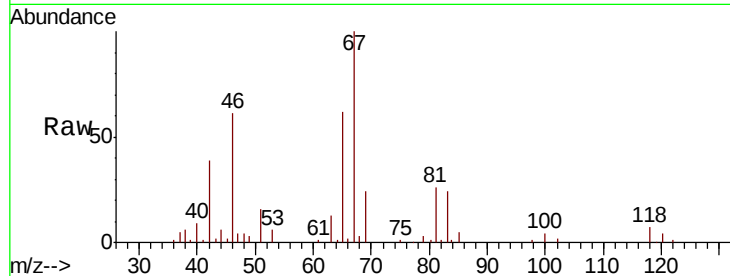




#35
Methvlcvclohexane
Concen: 0.578 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040111.D
Acq: 14 Sep 2020 11:15

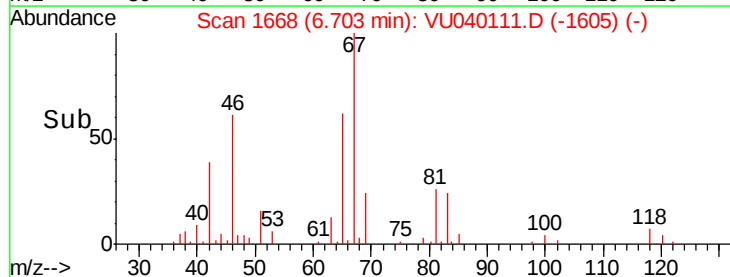
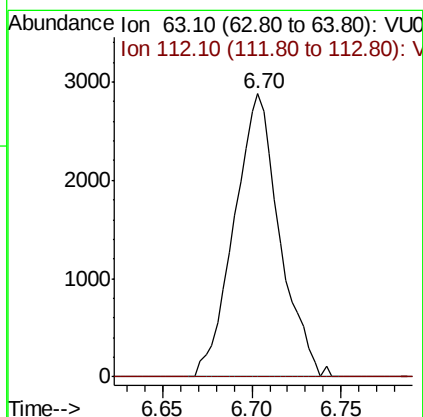
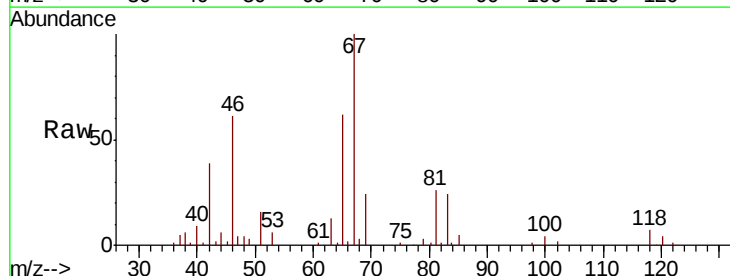
Instrument :
MSVOA_U
ClientSampleId :
VBLK05

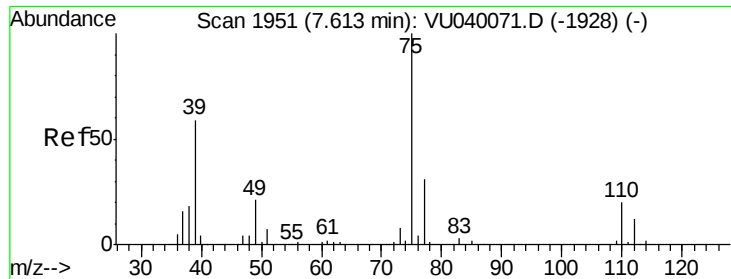
Tot Ion: 83 Resp: 9883
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.8 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040111.D
Acq: 14 Sep 2020 11:15

Tgt Ion: 63 Resp: 5119
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

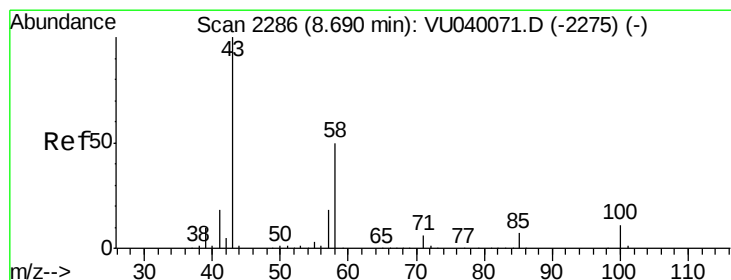
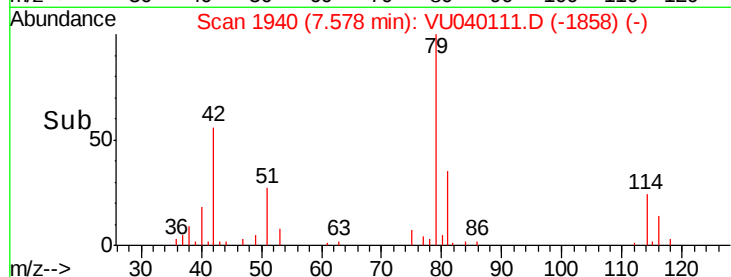
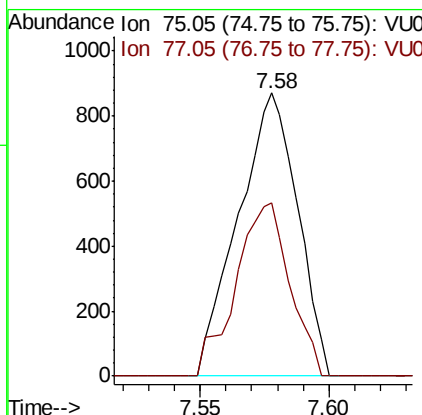
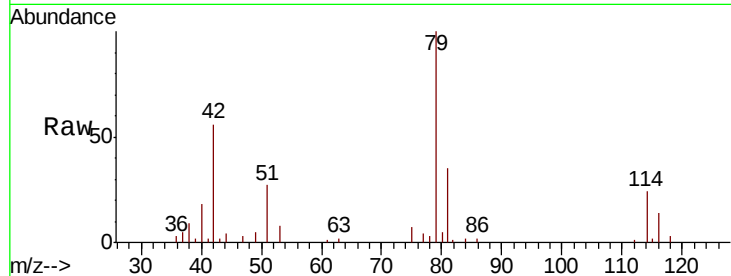




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040111.D
 Acq: 14 Sep 2020 11:15

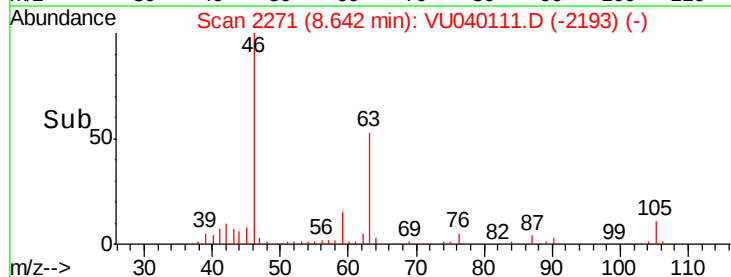
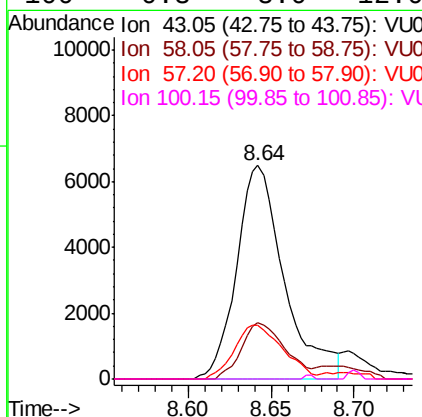
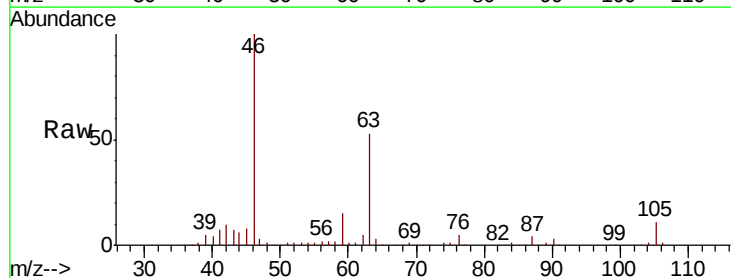
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK05

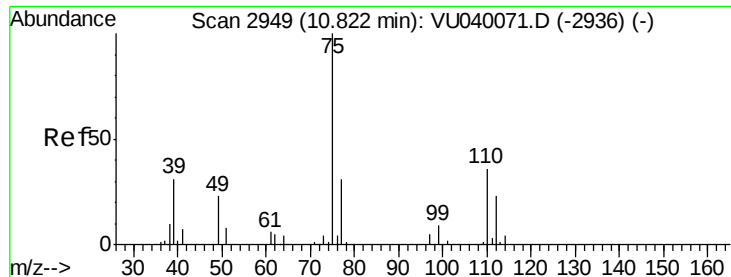
Tot Ion: 75 Resp: 1401
 Ion Ratio Lower Upper
 75 100
 77 61.1 21.1 39.3#



#48
 2-Hexanone
 Concen: 1.925 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040111.D
 Acq: 14 Sep 2020 11:15

Tgt Ion: 43 Resp: 12983
 Ion Ratio Lower Upper
 43 100
 58 24.1 39.6 59.4#
 57 25.7 14.3 21.5#
 100 0.3 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.892 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040111.D

Acq: 14 Sep 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

VBLK05

Tot Ion: 75 Resp: 7443

Ion Ratio Lower Upper

75 100

77 41.5 24.9 37.3#

