

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040436.D
 Acq On : 01 Oct 2020 21:51
 Operator : SY/MD
 Sample : L4164-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 02 05:28:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116607	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52033	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37462	6.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.80%
7) Chloroethane-d5	1.92	69	30576	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.00%
11) 1,1-Dichloroethene-d2	2.58	63	58176	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	4.66	46	142596	49.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	5.08	84	74465	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.72	65	47641	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.75	84	143478	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
36) 1,2-Dichloropropane-d6	6.70	67	49007	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.91	98	118689	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
43) trans-1,3-Dichloropropene-	8.19	79	18927	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.64	63	97099	45.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41100	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45769	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

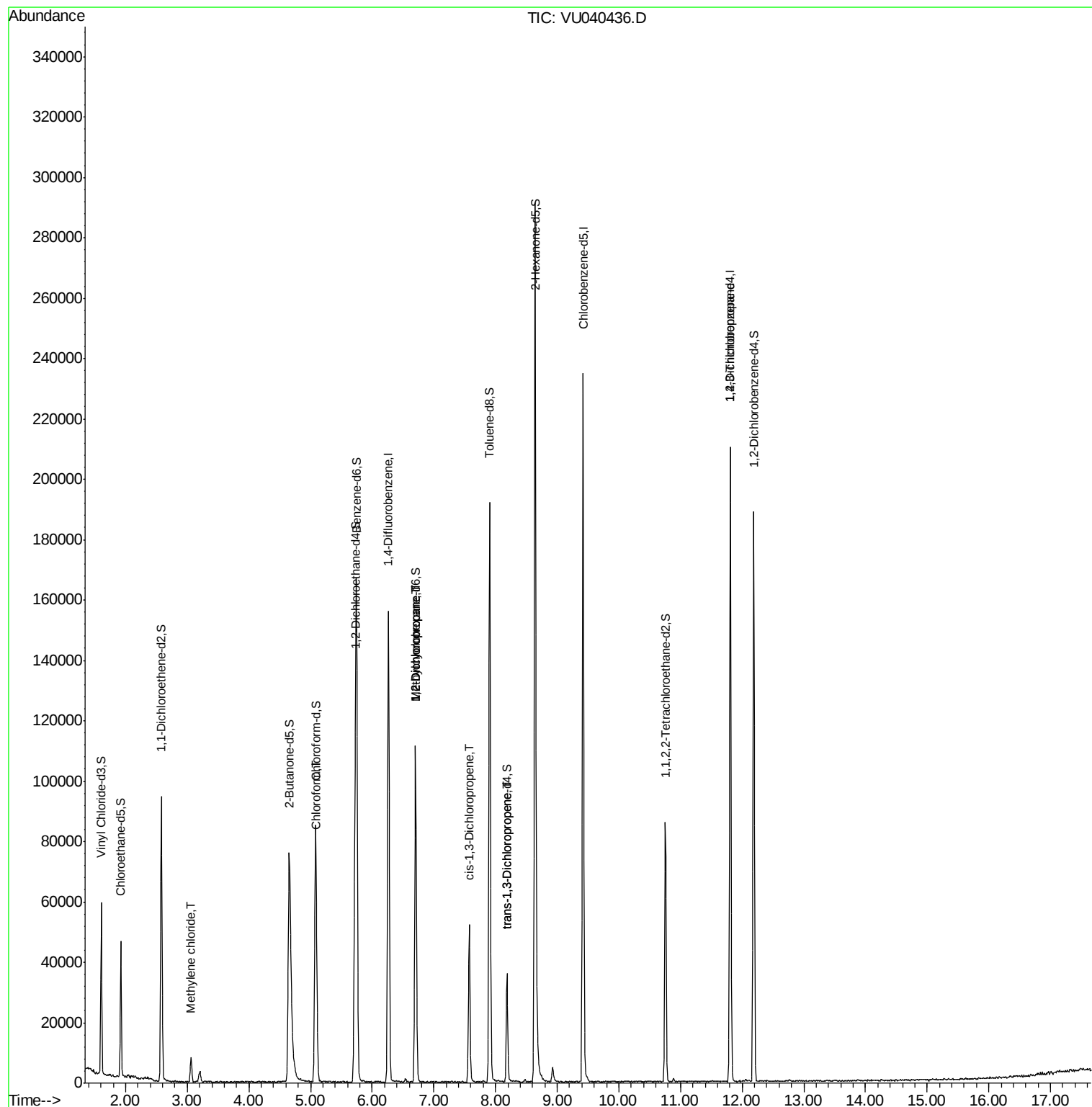
					Ovalue
16) Methylene chloride	3.06	84	3704	0.332 ug/L	89
25) Chloroform	5.10	83	4057	0.211 ug/L	98
35) Methylcyclohexane	6.70	83	11081	0.700 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5610	0.496 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1345	0.089 ug/L #	62
44) trans-1,3-Dichloropropene	8.19	75	863	0.062 ug/L #	55
59) 1,2,3-Trichloropropane	11.81	75	6860	0.836 ug/L #	82

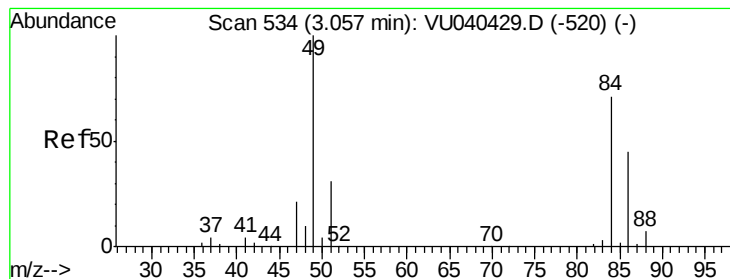
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.332 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040436.D

Acq: 01 Oct 2020 21:51

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

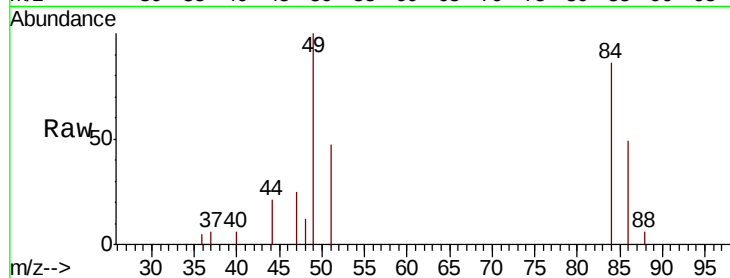
Tot Ion: 84 Resp: 3704

Ion Ratio Lower Upper

84 100

86 57.7 44.4 82.5

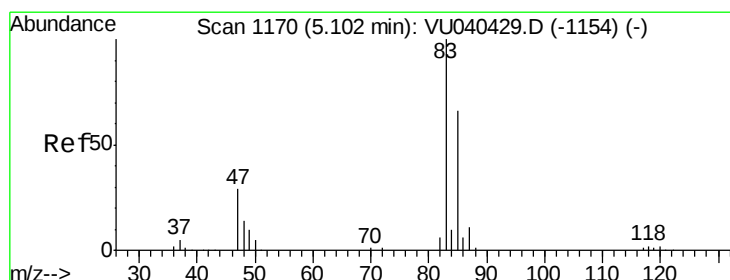
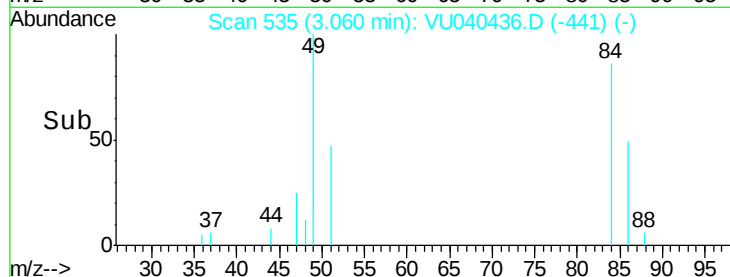
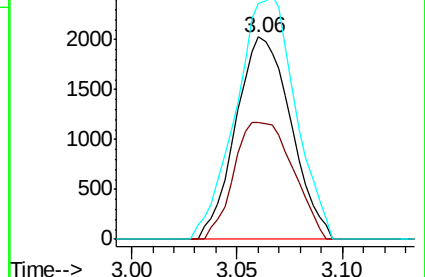
49 116.9 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU040436.D (-1077) (-)

Ion 86.00 (85.70 to 86.70): VU040436.D (-1077) (-)

Ion 49.10 (48.80 to 49.80): VU040436.D (-1077) (-)



#25

Chloroform

Concen: 0.211 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU040436.D

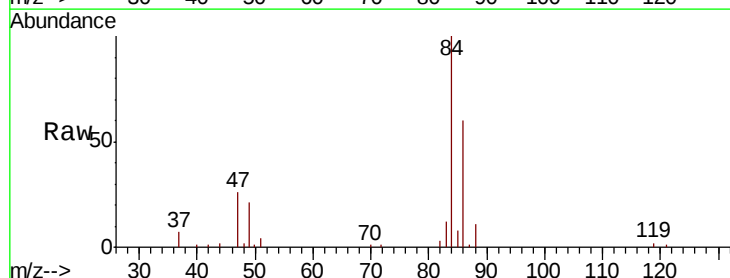
Acq: 01 Oct 2020 21:51

Tgt Ion: 83 Resp: 4057

Ion Ratio Lower Upper

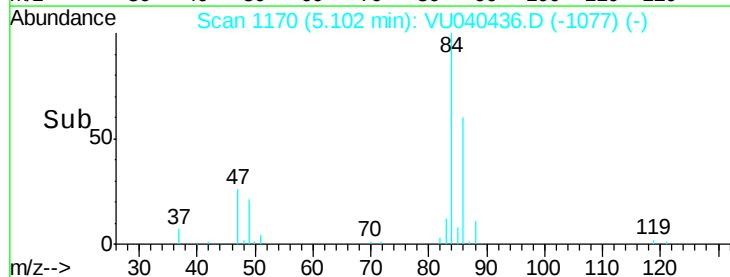
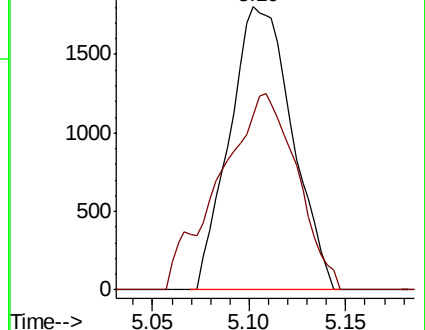
83 100

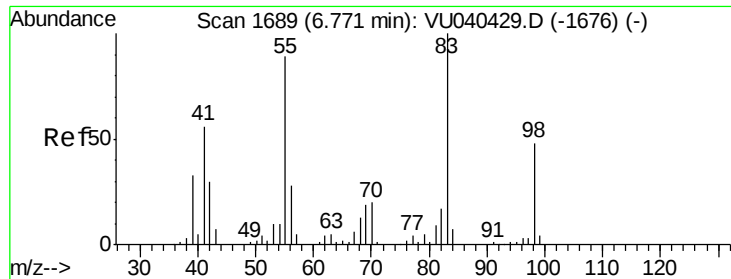
85 61.8 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040436.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU040436.D (-1077) (-)

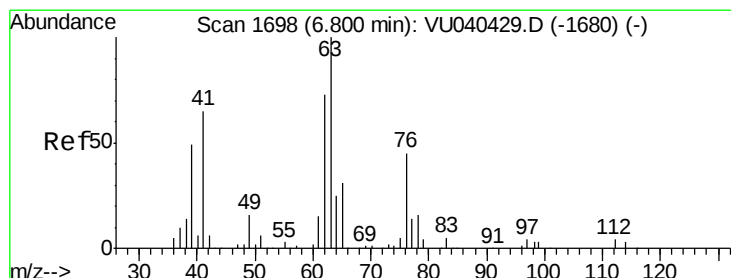
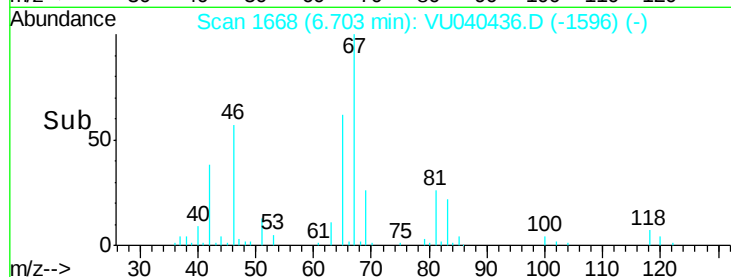
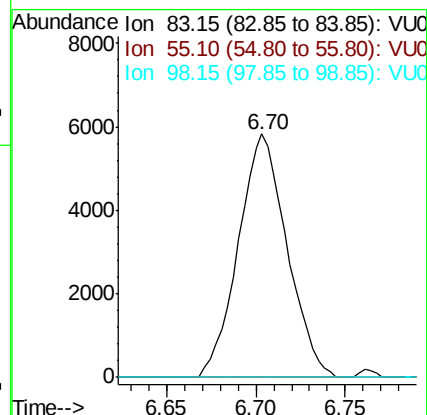
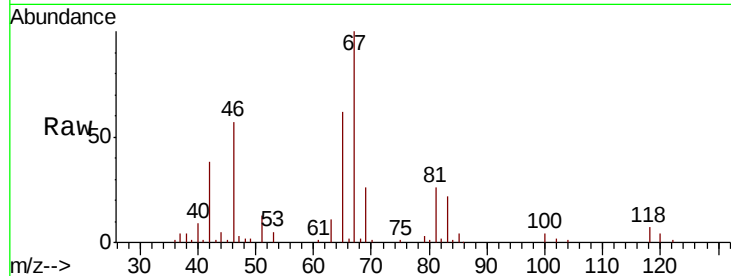




#35
Methvlcvclohexane
Concen: 0.700 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040436.D
Acq: 01 Oct 2020 21:51

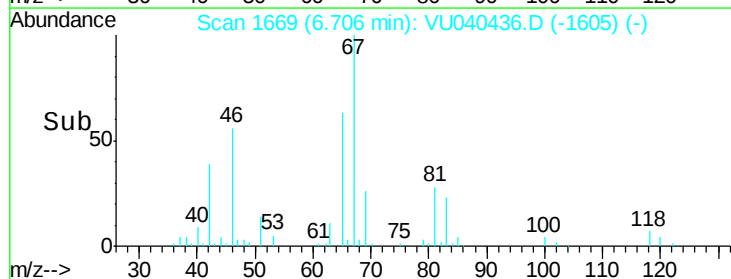
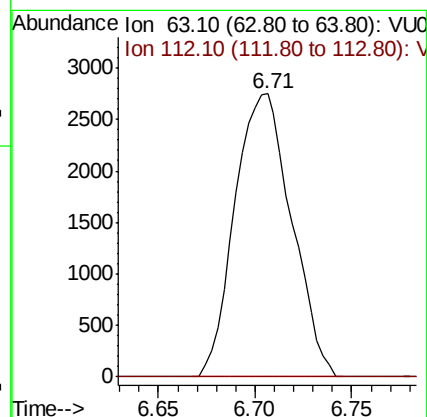
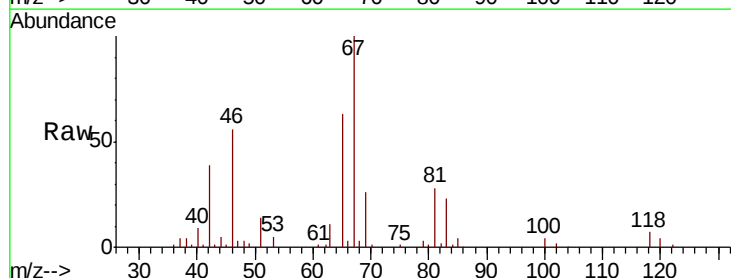
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

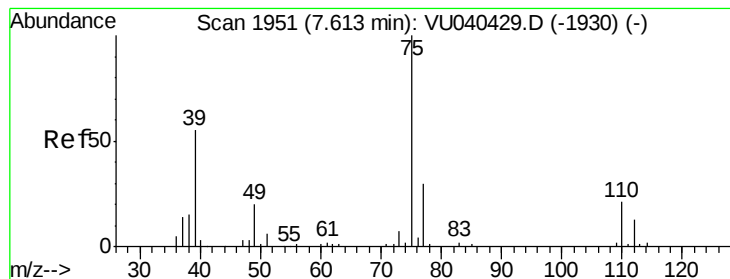
Tot Ion: 83 Resp: 11081
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 1.1 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040436.D
Acq: 01 Oct 2020 21:51

Tgt Ion: 63 Resp: 5610
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040436.D

Acq: 01 Oct 2020 21:51

Instrument :

MSVOA_U

ClientSampleId :

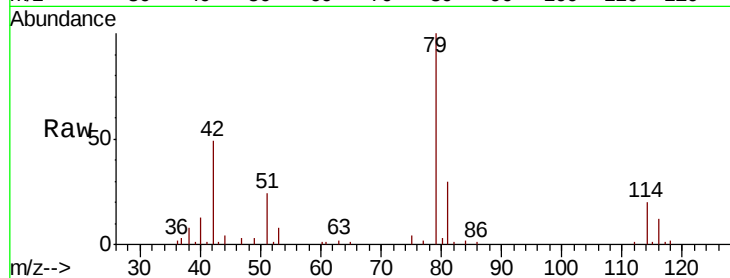
VHBLK01

Tot Ion: 75 Resp: 1345

Ion Ratio Lower Upper

75 100

77 55.2 23.5 43.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

800

600

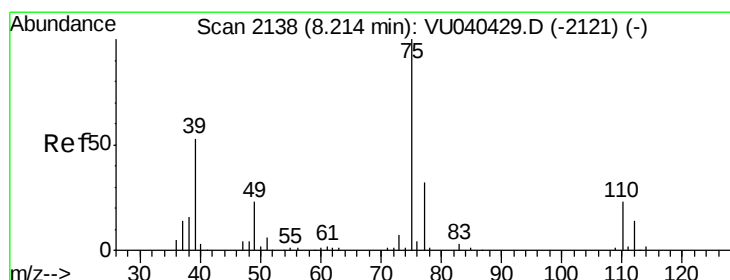
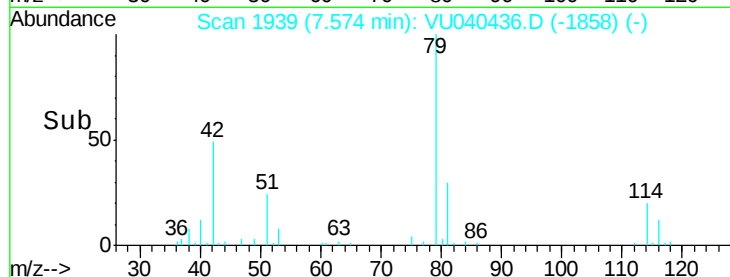
400

200

0

7.55 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040436.D

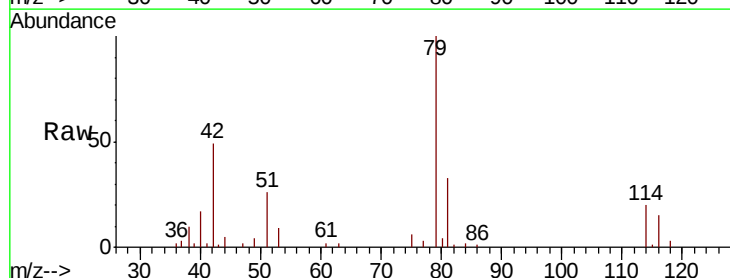
Acq: 01 Oct 2020 21:51

Tgt Ion: 75 Resp: 863

Ion Ratio Lower Upper

75 100

77 56.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

600

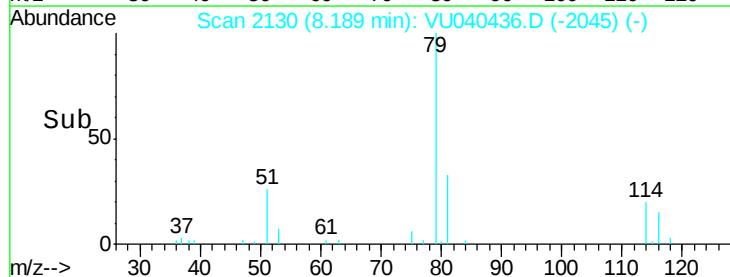
400

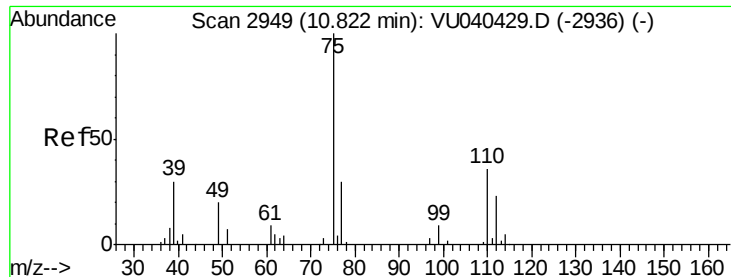
200

0

8.14 8.16 8.18 8.20 8.22

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.836 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040436.D

Acq: 01 Oct 2020 21:51

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 6860

Ion Ratio Lower Upper

75 100

77 42.4 25.7 38.5#

