

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040453.D
 Acq On : 02 Oct 2020 12:14
 Operator : SY/MD
 Sample : L4202-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 03 00:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131289	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130593	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34706	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.92	69	28495	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.58	63	54379	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	138297	42.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.66%
24) Chloroform-d	5.08	84	66875	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.72	65	43672	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.74	84	134876	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.70	67	45631	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.91	98	115871	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.19	79	19274	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	93374	40.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39685	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45139	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

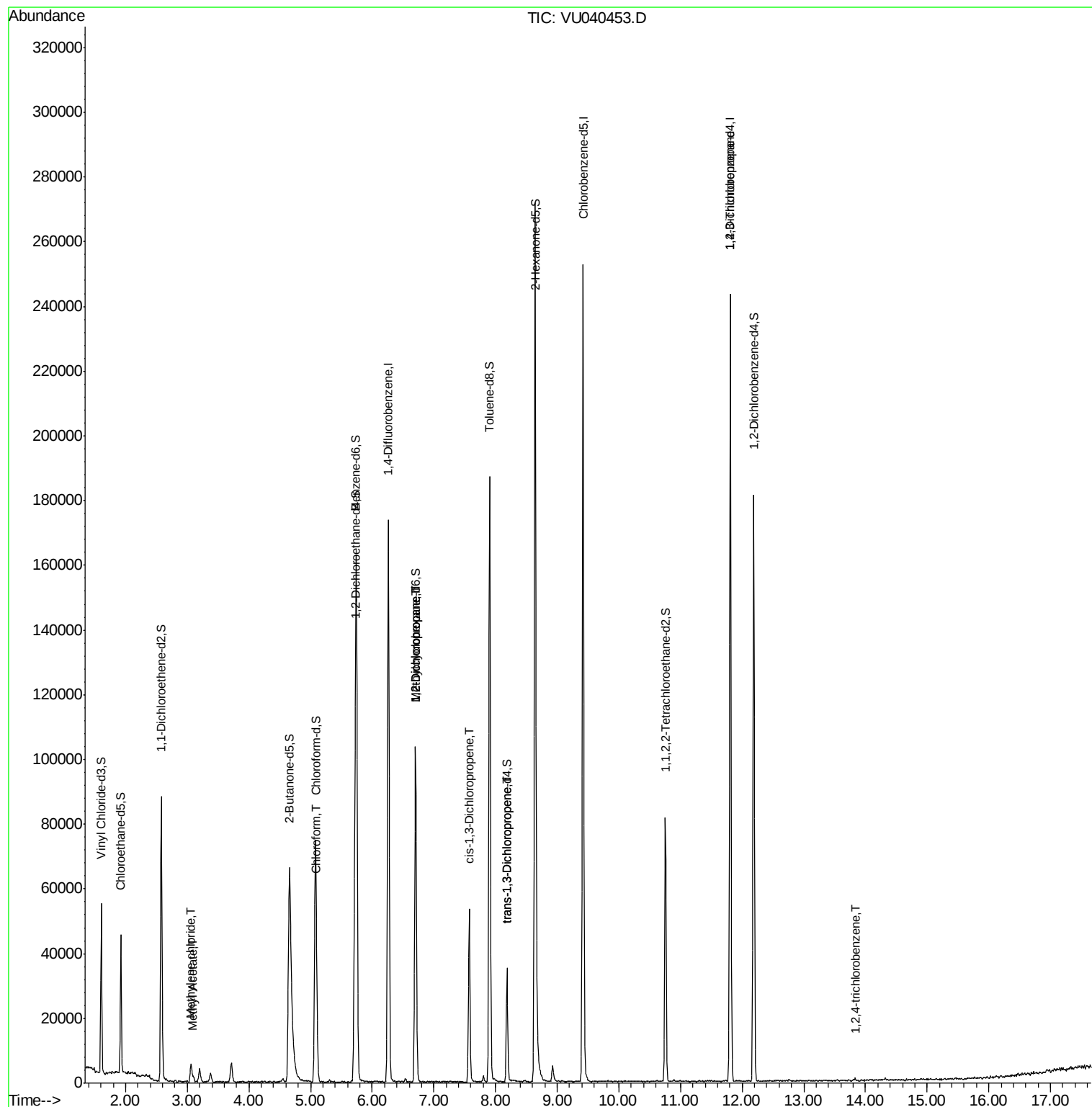
					Ovalue
15) Methyl Acetate	3.10	43	1220	0.188 ug/L #	56
16) Methylene chloride	3.06	84	2549	0.203 ug/L	95
25) Chloroform	5.11	83	4754	0.220 ug/L	88
35) Methylcyclohexane	6.71	83	10492	0.615 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5161	0.423 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1352	0.083 ug/L #	24
44) trans-1,3-Dichloropropene	8.19	75	1056	0.070 ug/L	86
59) 1,2,3-Trichloropropane	11.81	75	8061	0.912 ug/L	90
68) 1,2,4-trichlorobenzene	13.83	180	337	0.030 ug/L #	70

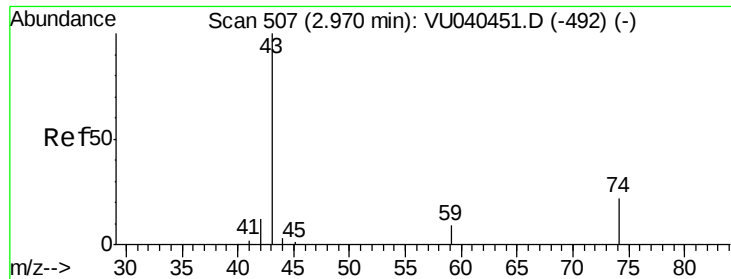
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

Methvl Acetate

Concen: 0.188 ug/L

RT: 3.10 min Scan# 546

Delta R.T. 0.13 min

Lab File: VU040453.D

Acq: 02 Oct 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

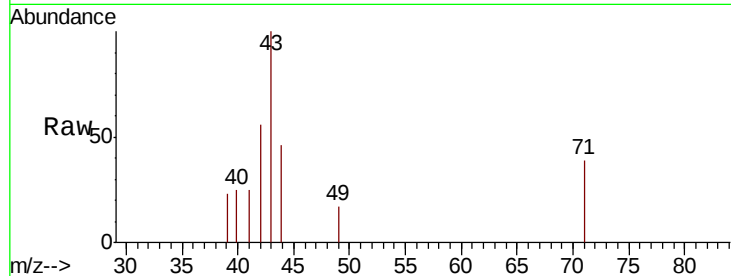
VHBLK01

Tot Ion: 43 Resp: 1220

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

3.10

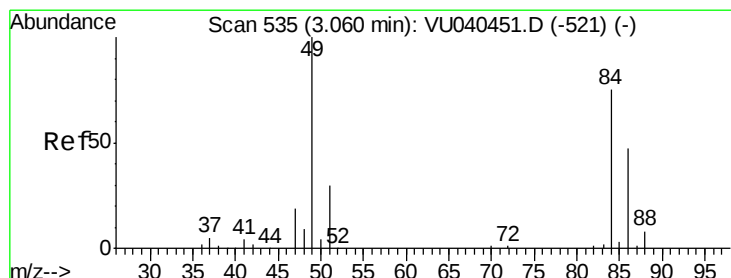
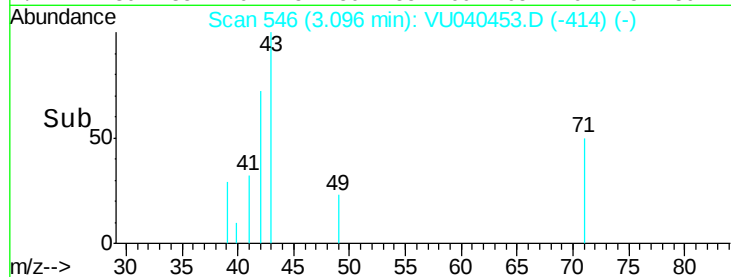
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.203 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU040453.D

Acq: 02 Oct 2020 12:14

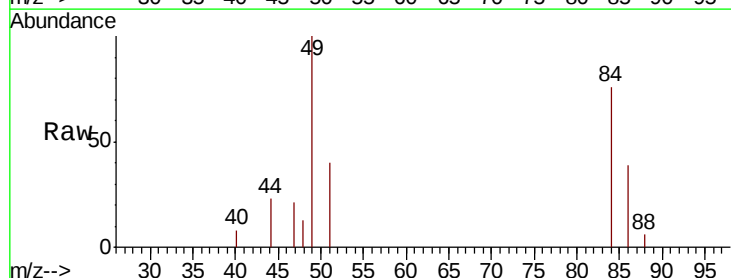
Tgt Ion: 84 Resp: 2549

Ion Ratio Lower Upper

84 100

86 51.9 44.4 82.5

49 131.7 92.2 171.2



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

2500

2000

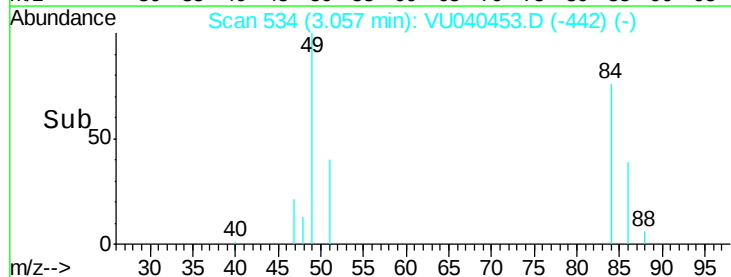
1500

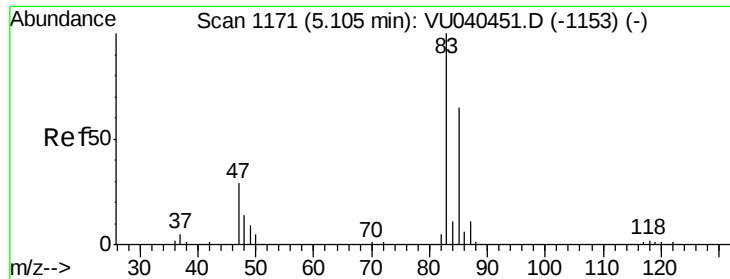
1000

500

0

Time-->





#25

Chloroform

Concen: 0.220 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040453.D

Acq: 02 Oct 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

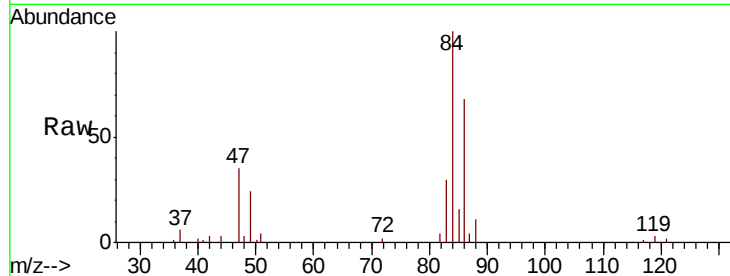
VHBLK01

Tot Ion: 83 Resp: 4754

Ion Ratio Lower Upper

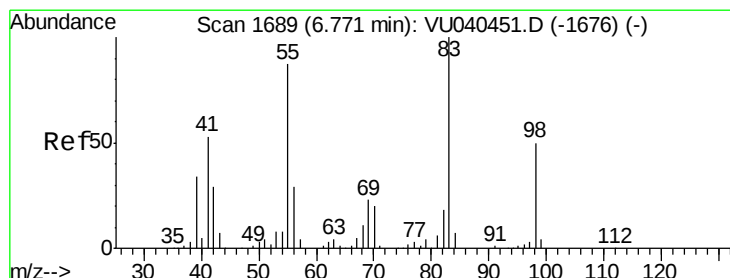
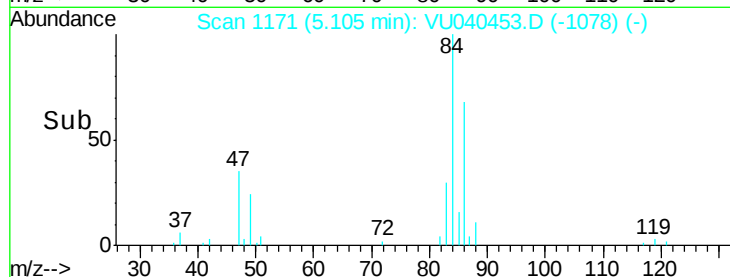
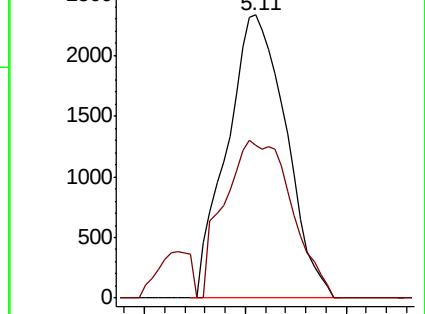
83 100

85 54.1 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040453.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040453.D (-1078) (-)



#35

Methylcyclohexane

Concen: 0.615 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.06 min

Lab File: VU040453.D

Acq: 02 Oct 2020 12:14

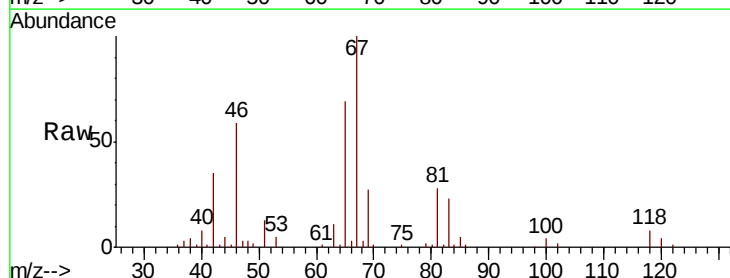
Tgt Ion: 83 Resp: 10492

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

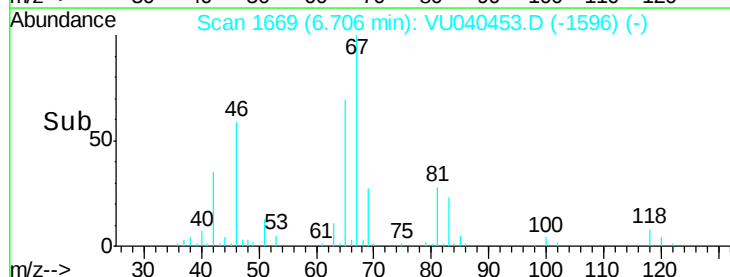
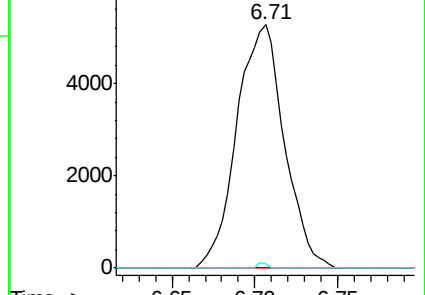
98 0.4 38.5 57.7#

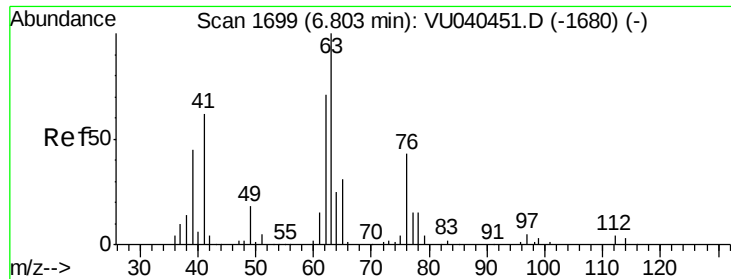


Abundance Ion 83.15 (82.85 to 83.85): VU040453.D (-1596) (-)

Ion 55.10 (54.80 to 55.80): VU040453.D (-1596) (-)

Ion 98.15 (97.85 to 98.85): VU040453.D (-1596) (-)

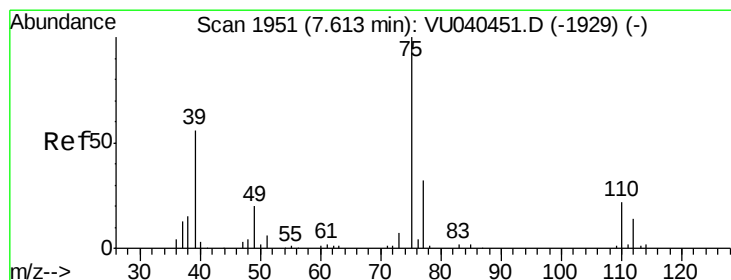
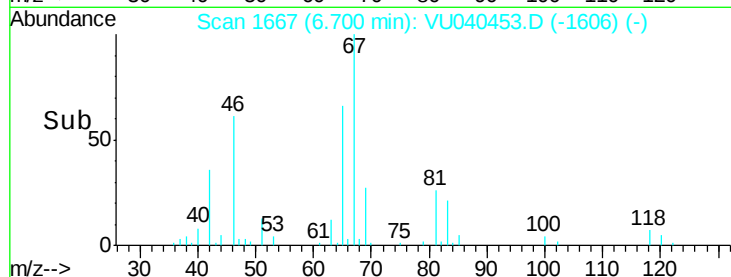
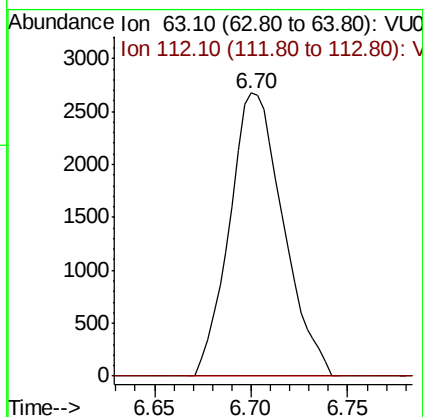
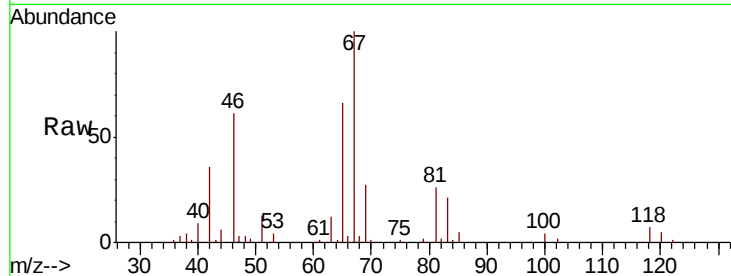




#37
 1,2-Dichloropropane
 Concen: 0.423 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040453.D
 Acq: 02 Oct 2020 12:14

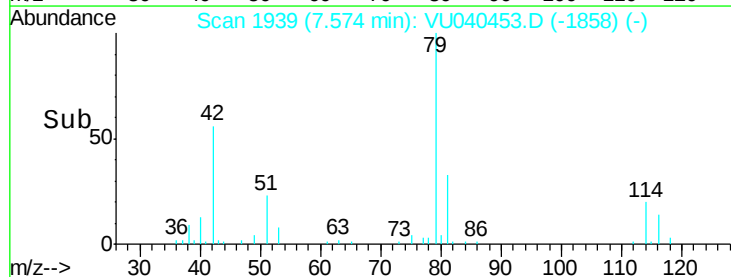
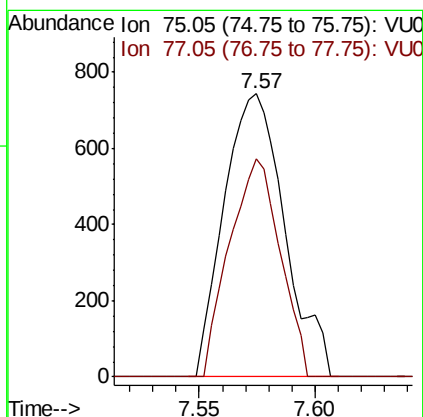
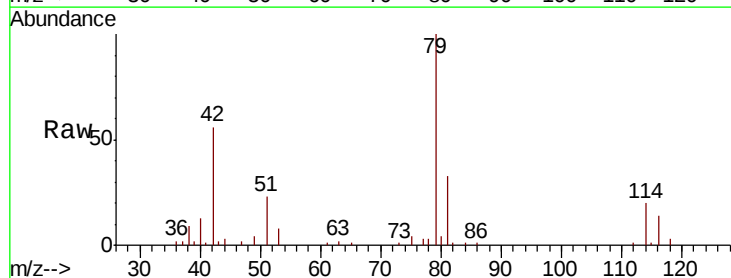
Instrument :
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 VHBLK01

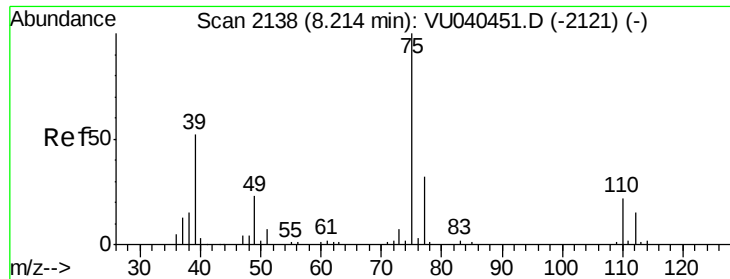
Tot Ion: 63 Resp: 5161
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040453.D
 Acq: 02 Oct 2020 12:14

Tgt Ion: 75 Resp: 1352
 Ion Ratio Lower Upper
 75 100
 77 77.0 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040453.D

Acq: 02 Oct 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

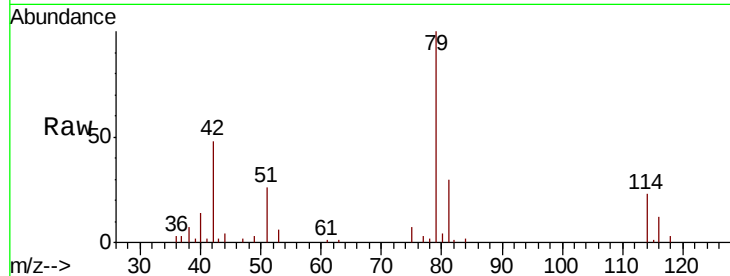
VHBLK01

Tot Ion: 75 Resp: 1056

Ion Ratio Lower Upper

75 100

77 39.8 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

800

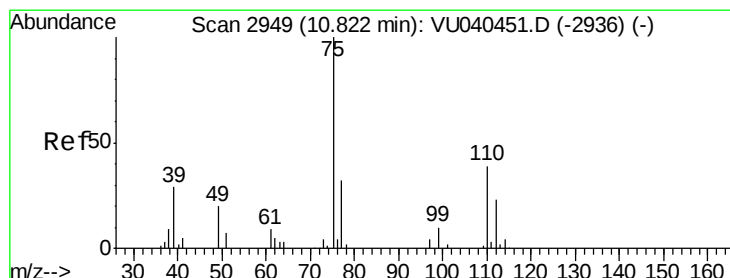
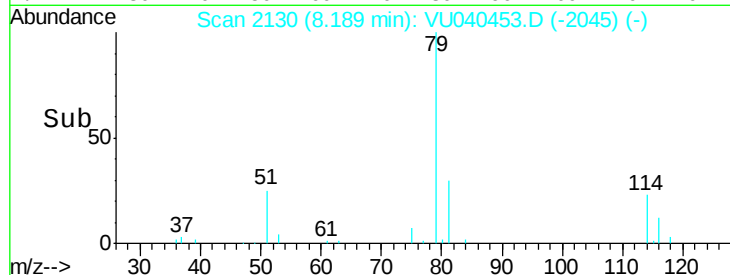
600

400

200

0

Time--> 8.14 8.16 8.18 8.20 8.22



#59

1,2,3-Trichloropropane

Concen: 0.912 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040453.D

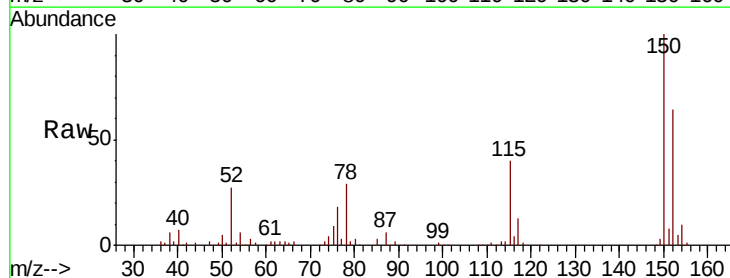
Acq: 02 Oct 2020 12:14

Tgt Ion: 75 Resp: 8061

Ion Ratio Lower Upper

75 100

77 37.5 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

6000

5000

4000

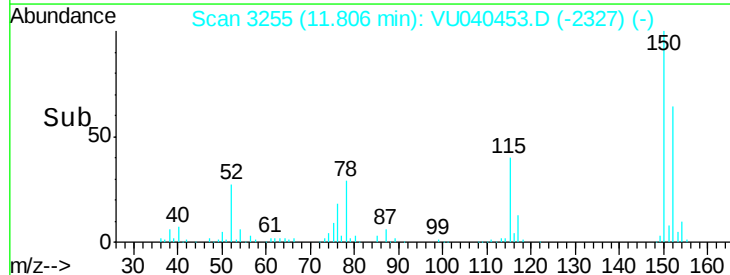
3000

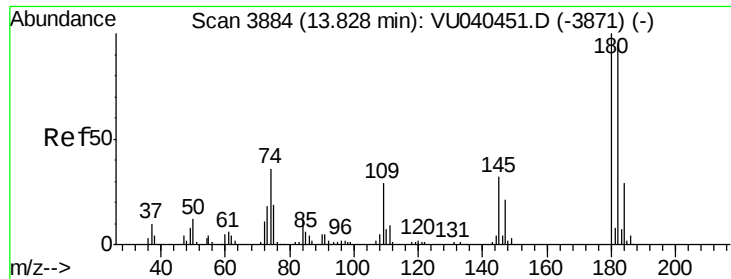
2000

1000

0

Time--> 11.75 11.80 11.85





#68

1,2,4-trichlorobenzene

Concen: 0.030 ug/L

RT: 13.83 min Scan# 3886

Delta R.T. 0.01 min

Lab File: VU040453.D

Acq: 02 Oct 2020 12:14

Instrument :

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ClientSampleId :

VHBLK01

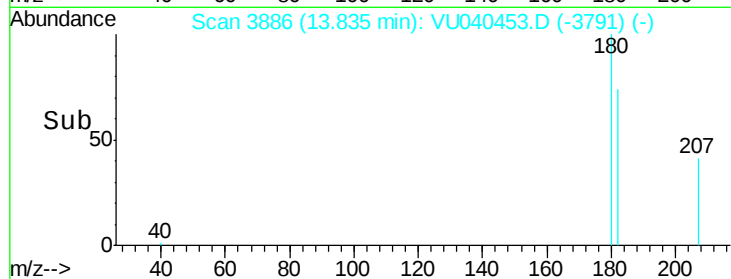
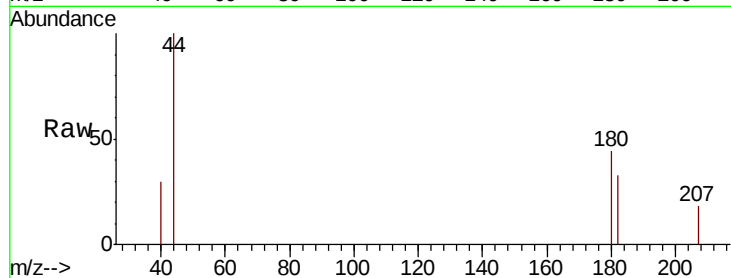
Tot Ion:180 Resp: 337

Ion Ratio Lower Upper

180 100

182 75.4 76.6 115.0#

145 0.0 26.3 39.5#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

