

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101420\
 Data File : VU040706.D
 Acq On : 14 Oct 2020 18:07
 Operator : SY/MD
 Sample : L4290-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 15 05:32:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 15 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113749	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48098	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.92	69	40747	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.58	63	73296	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.66	46	174310	57.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.58%
24) Chloroform-d	5.08	84	91443	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.72	65	57153	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.75	84	172570	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.70	67	59140	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.91	98	138153	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.19	79	21809	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	119740	51.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51177	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	55976	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

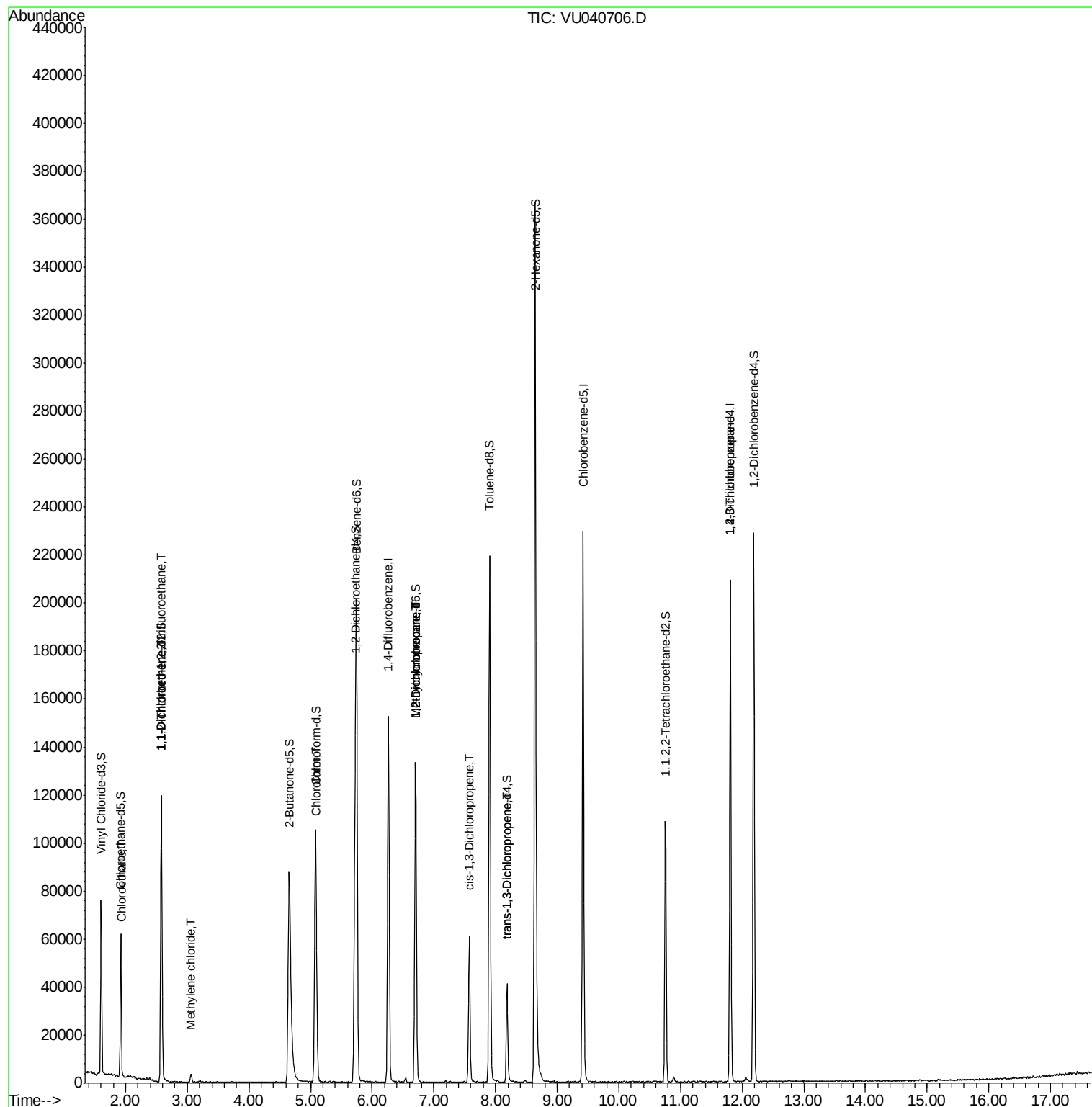
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	254	0.039	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	571	0.060	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	526	0.065	ug/L #	1
16) Methylene chloride	3.06	84	1323	0.127	ug/L	83
25) Chloroform	5.10	83	1583	0.088	ug/L #	62
35) Methylcyclohexane	6.71	83	13742	0.974	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6814	0.637	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1552	0.106	ug/L #	68
44) trans-1,3-Dichloropropene	8.19	75	1205	0.090	ug/L	84
59) 1,2,3-Trichloropropane	11.81	75	6793	0.865	ug/L	91

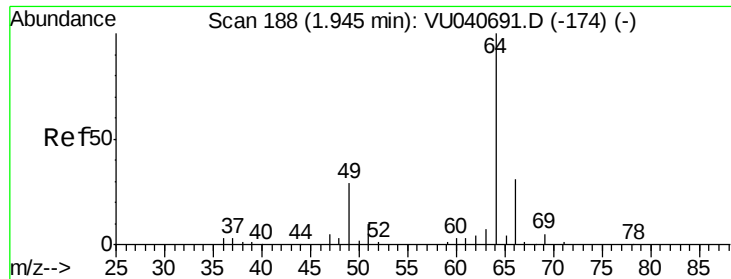
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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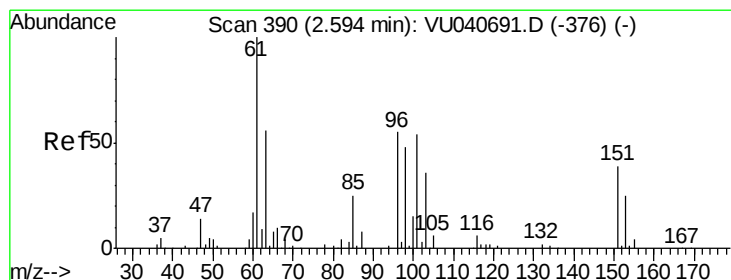
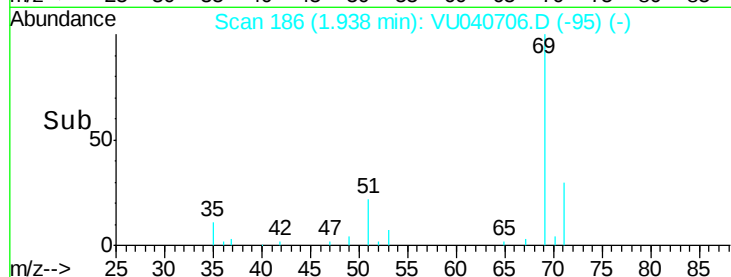
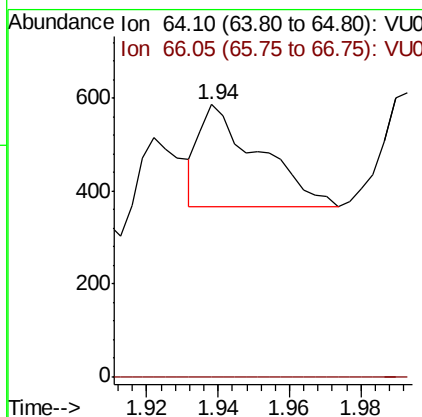
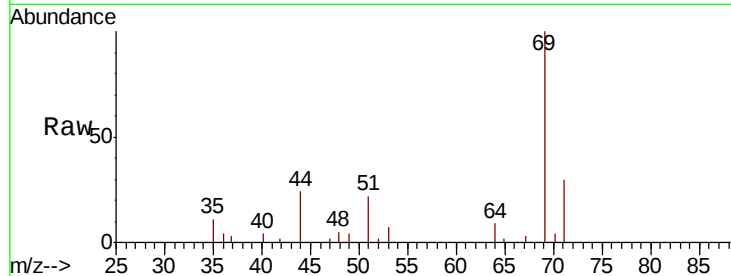




#8
Chloroethane
Concen: 0.039 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU040706.D
Acq: 14 Oct 2020 18:07

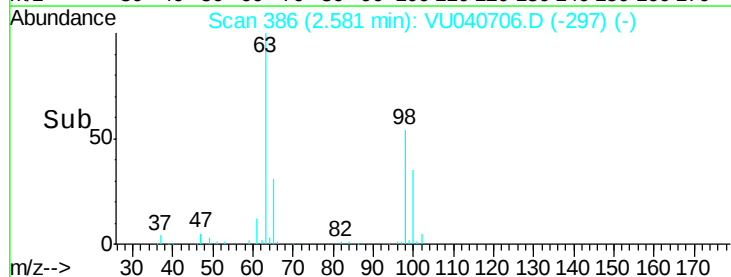
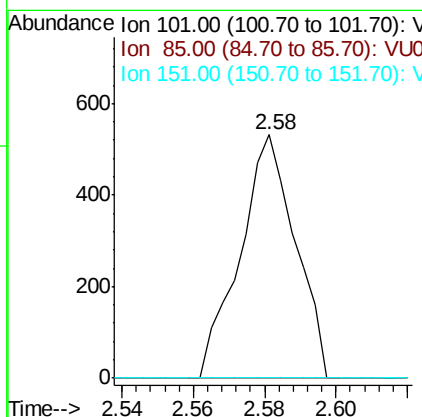
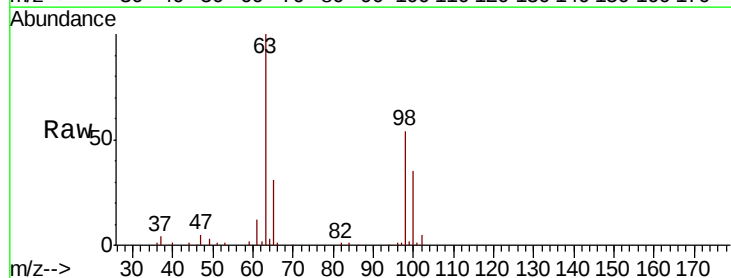
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

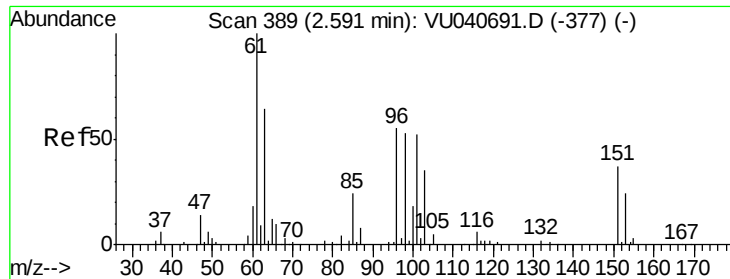
Tot Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 0.0 23.3 43.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040706.D
Acq: 14 Oct 2020 18:07

Tgt Ion: 101 Resp: 571
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 0.0 58.0 87.0#

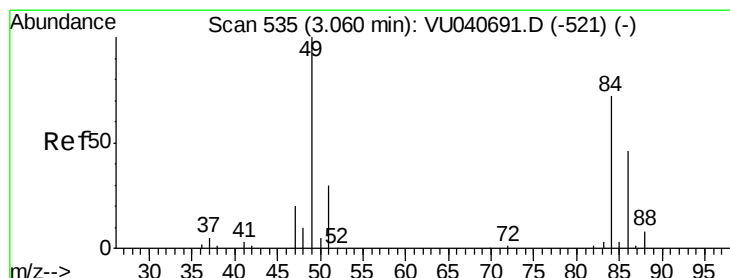
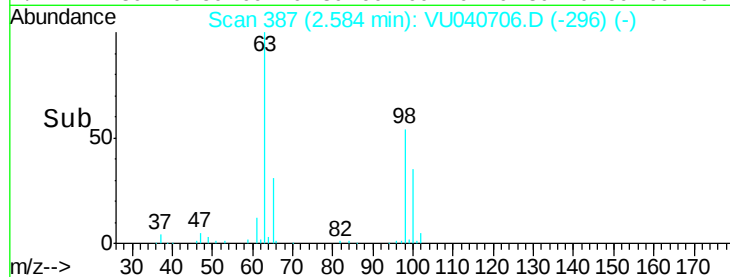
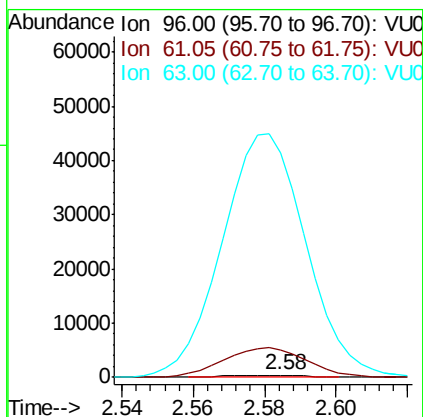
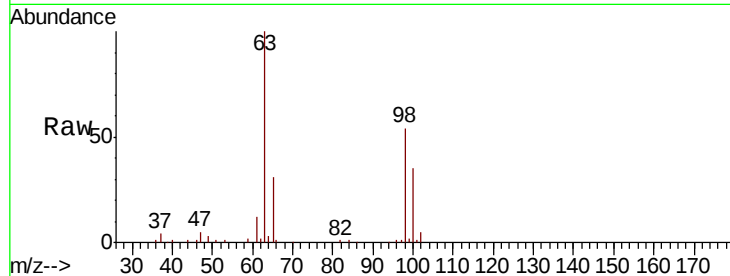




#12
 1,1-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU040706.D
 Acq: 14 Oct 2020 18:07

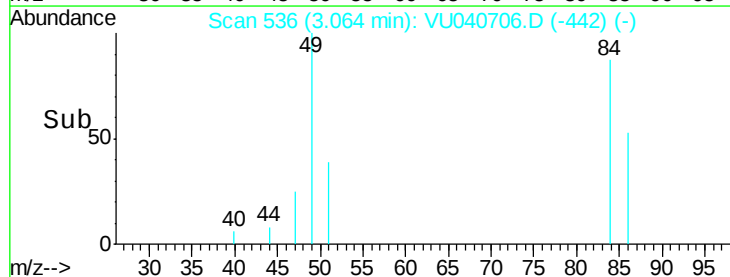
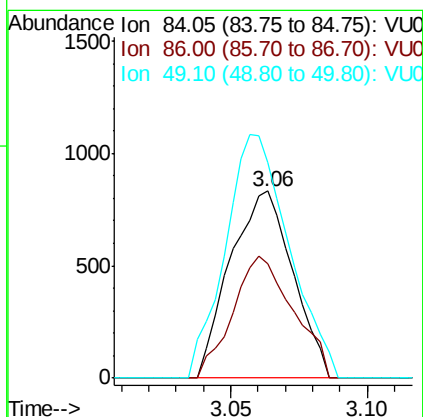
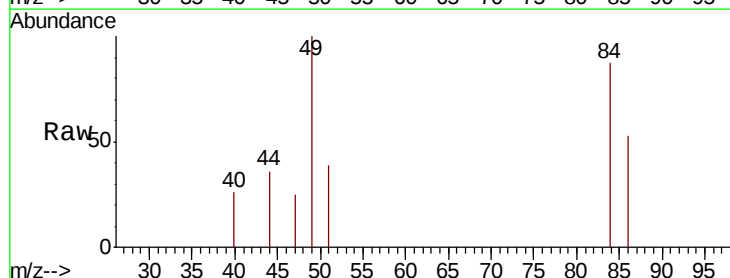
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

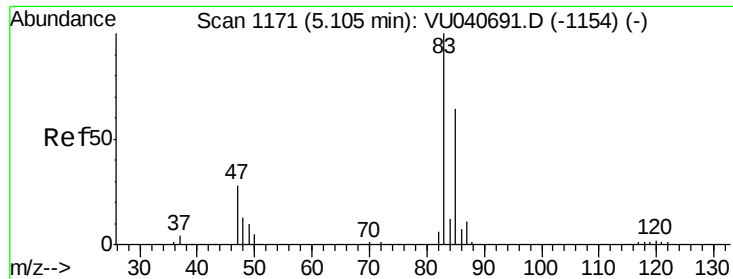
Tot Ion: 96 Resp: 526
 Ion Ratio Lower Upper
 96 100
 61 1225.3 128.8 239.2#
 63 10063.3 84.6 157.2#



#16
 Methylene chloride
 Concen: 0.127 ug/L
 RT: 3.06 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VU040706.D
 Acq: 14 Oct 2020 18:07

Tgt Ion: 84 Resp: 1323
 Ion Ratio Lower Upper
 84 100
 86 61.2 45.4 84.4
 49 115.2 99.8 185.3

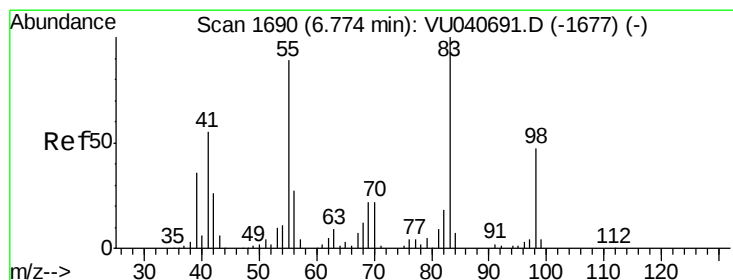
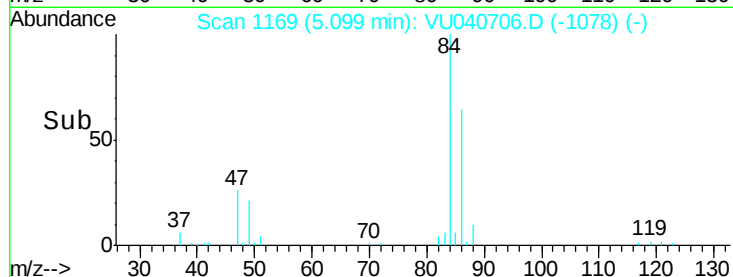
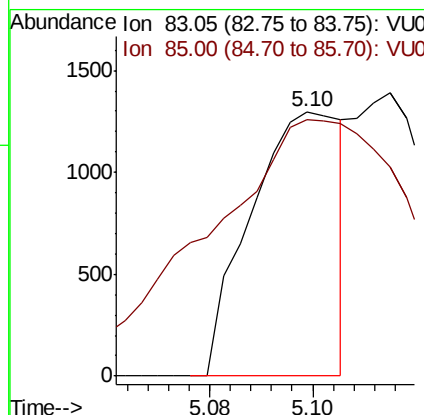
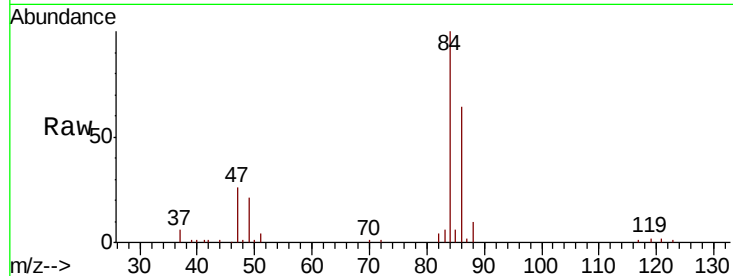




#25
Chloroform
Concen: 0.088 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU040706.D
Acq: 14 Oct 2020 18:07

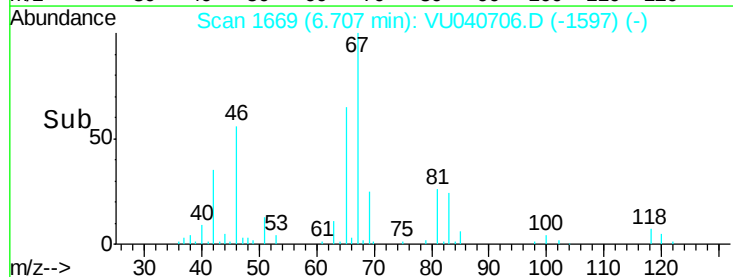
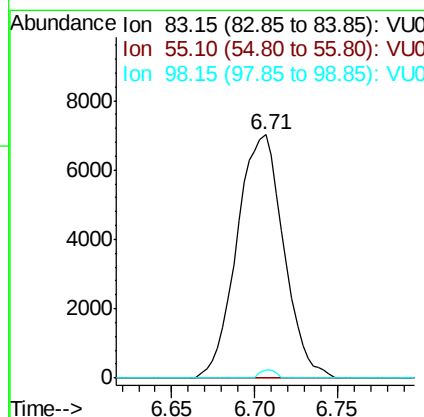
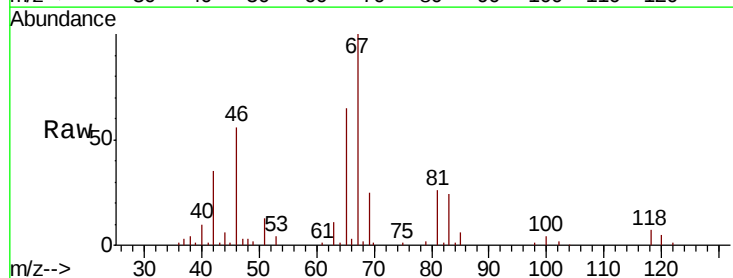
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

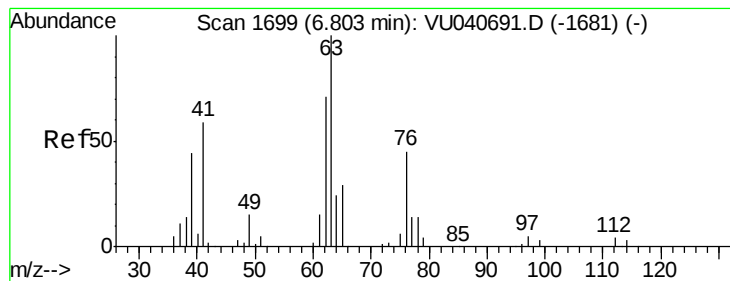
Tot Ion: 83 Resp: 1583
Ion Ratio Lower Upper
83 100
85 97.2 46.5 86.5#



#35
Methylcyclohexane
Concen: 0.974 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040706.D
Acq: 14 Oct 2020 18:07

Tgt Ion: 83 Resp: 13742
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.1 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040706.D

Acq: 14 Oct 2020 18:07

Instrument :

MSVOA_U

ClientSampleId :

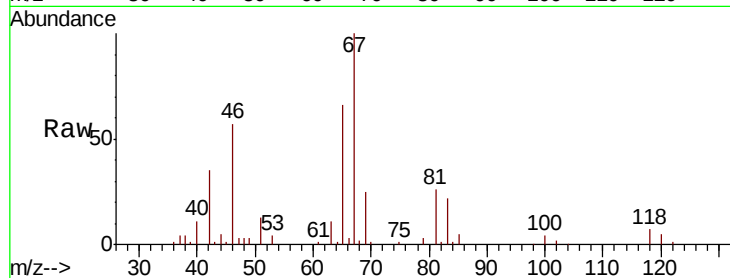
VHBLK01

Tot Ion: 63 Resp: 6814

Ion Ratio Lower Upper

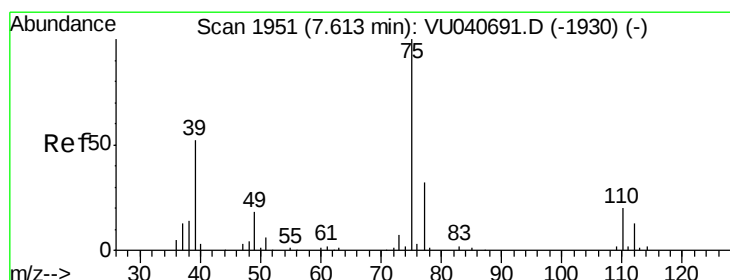
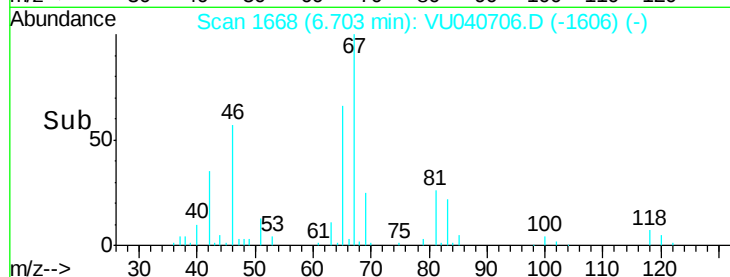
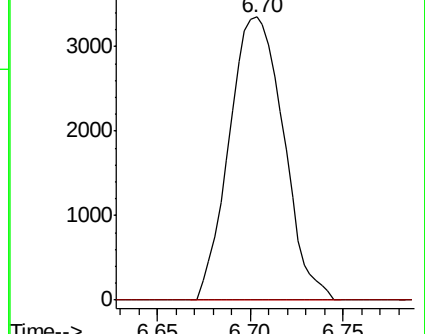
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU040706.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU040706.D (-1668) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040706.D

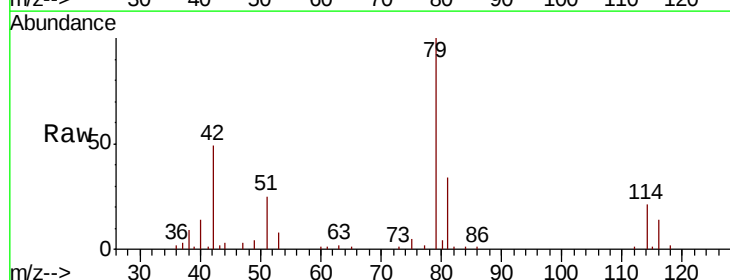
Acq: 14 Oct 2020 18:07

Tgt Ion: 75 Resp: 1552

Ion Ratio Lower Upper

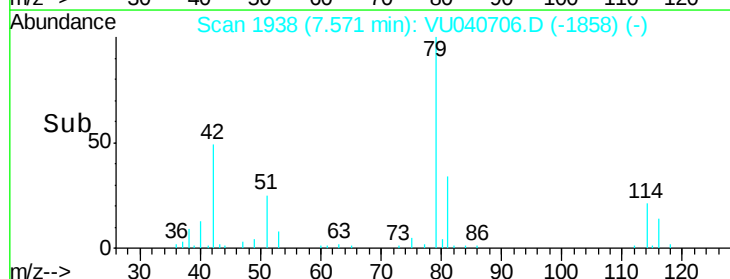
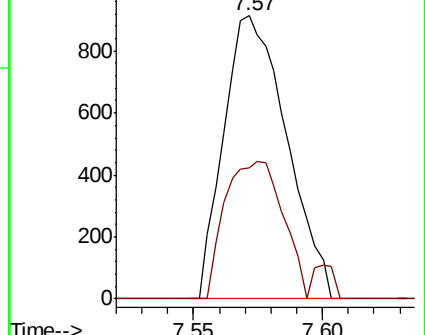
75 100

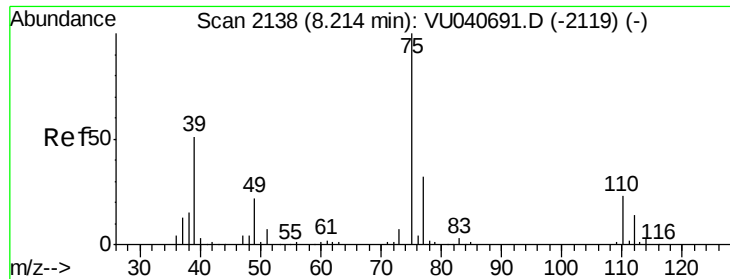
77 46.5 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU040706.D (-1858) (-)

Ion 77.05 (76.75 to 77.75): VU040706.D (-1858) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040706.D

Acq: 14 Oct 2020 18:07

Instrument :

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ClientSampleId :

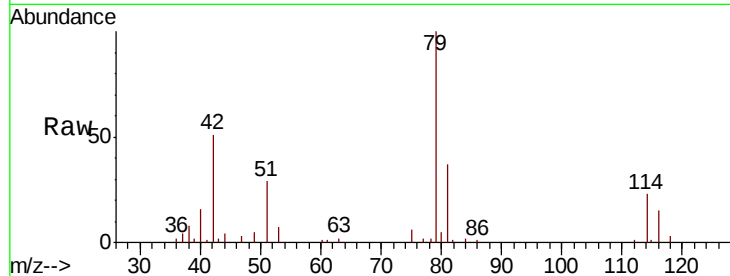
VHBLK01

Tot Ion: 75 Resp: 1205

Ion Ratio Lower Upper

75 100

77 37.7 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

800

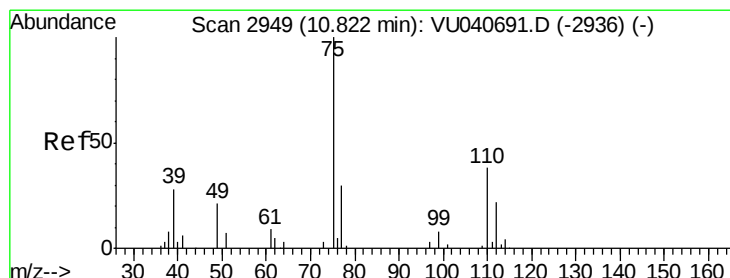
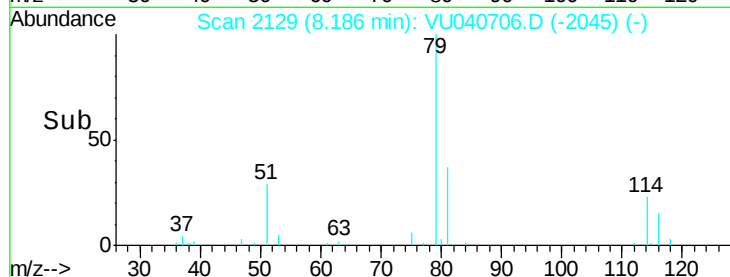
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.865 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040706.D

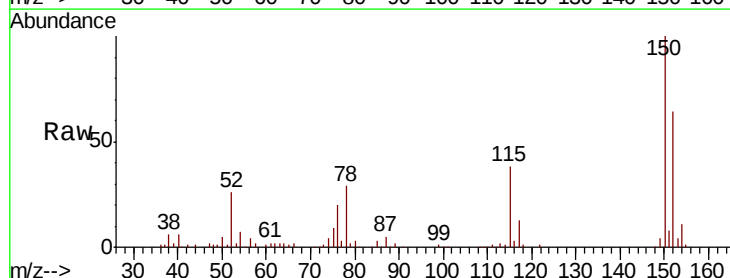
Acq: 14 Oct 2020 18:07

Tgt Ion: 75 Resp: 6793

Ion Ratio Lower Upper

75 100

77 38.1 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

5000

4000

3000

2000

1000

0

Time-->

