

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040900.D
 Acq On : 22 Oct 2020 11:50
 Operator : SY/MD
 Sample : VU1021WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK07

Quant Time: Oct 22 23:25:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 23:17:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	208654	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	227016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	92923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	67474	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	63986	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	103685	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.65	46	326157	64.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.44%
24) Chloroform-d	5.08	84	154873	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	99911	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.74	84	271354	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	94935	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.91	98	201196	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.18	79	35774	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	227479	55.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	90453	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	88225	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

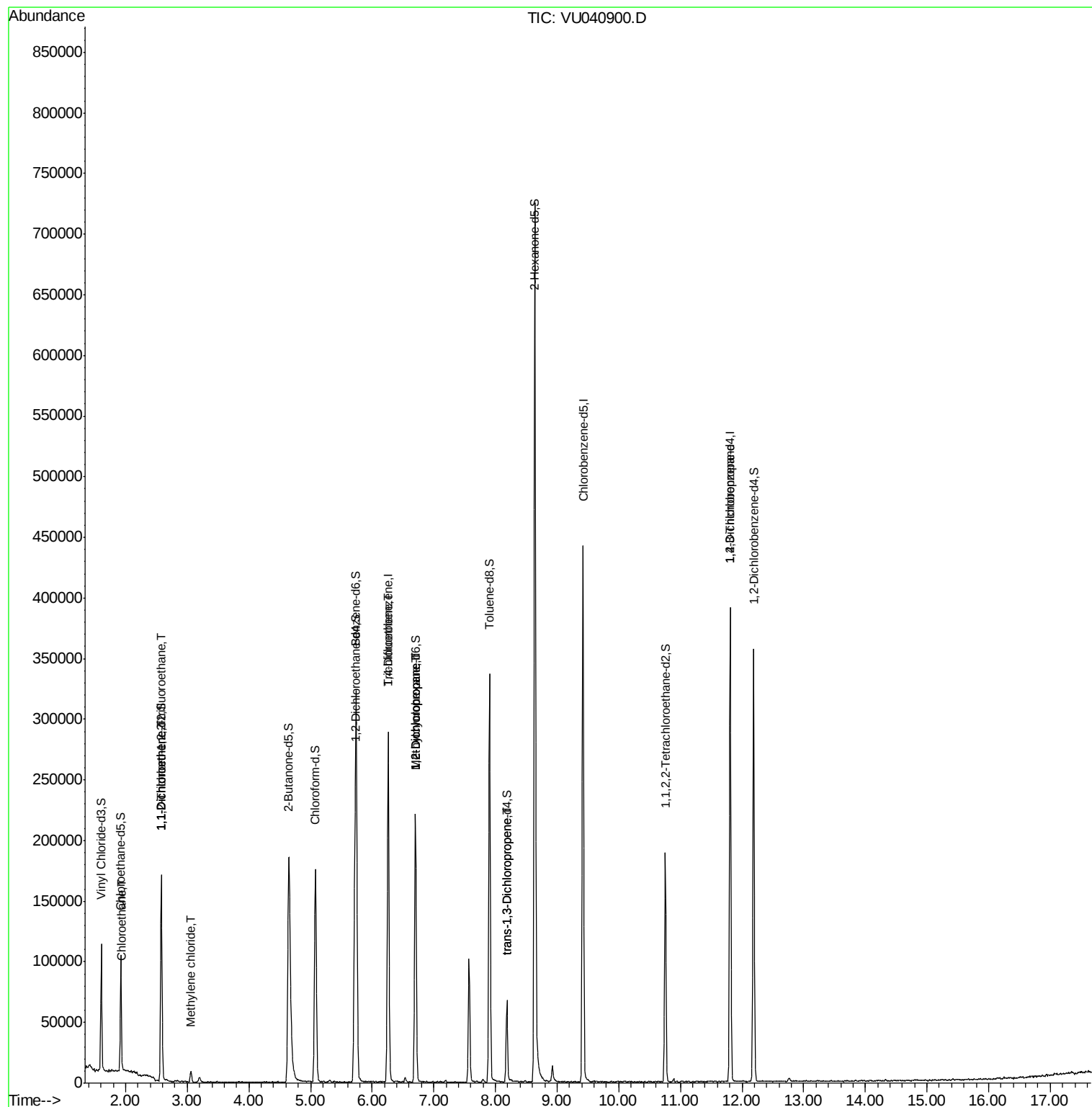
					Ovalue
8) Chloroethane	1.94	64	1412	0.102 ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	921	0.056 ug/L #	21
12) 1,1-Dichloroethene	2.58	96	827	0.054 ug/L #	1
16) Methylene chloride	3.06	84	3591	0.191 ug/L	94
34) Trichloroethene	6.26	95	3885	0.209 ug/L #	6
35) Methylcyclohexane	6.70	83	22901	0.824 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	11824	0.600 ug/L #	89
44) trans-1,3-Dichloropropene	8.18	75	1890	0.079 ug/L	83
59) 1,2,3-Trichloropropane	11.81	75	12708	0.992 ug/L	96

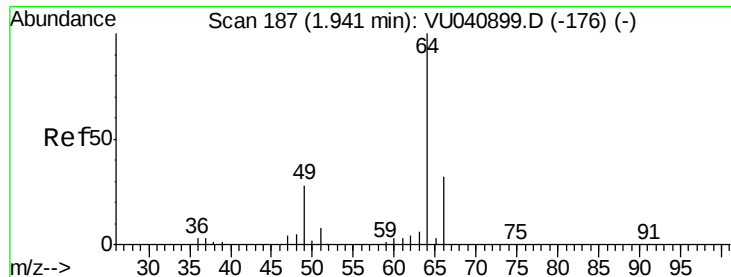
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.102 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040900.D

Acq: 22 Oct 2020 11:50

Instrument :

MSVOA_U

ClientSampleId :

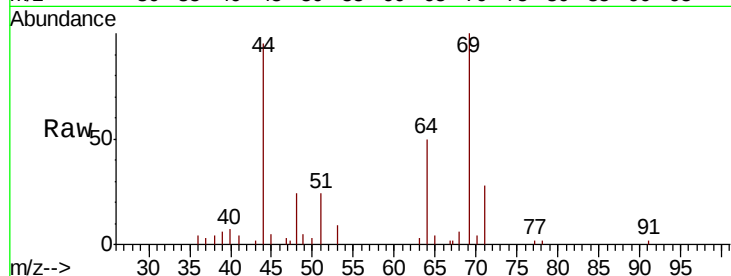
VBLK07

Tot Ion: 64 Resp: 1412

Ion Ratio Lower Upper

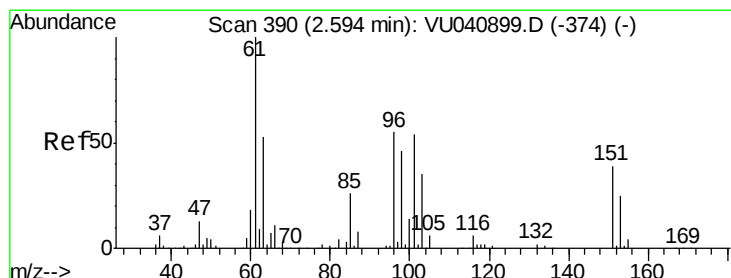
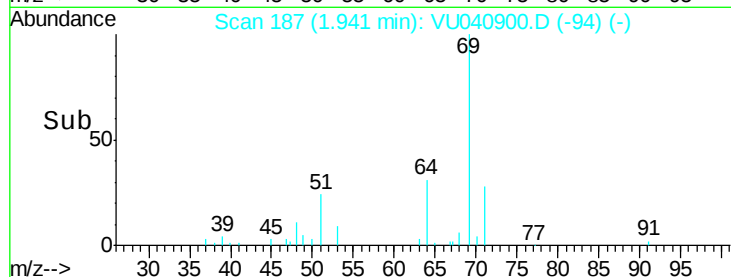
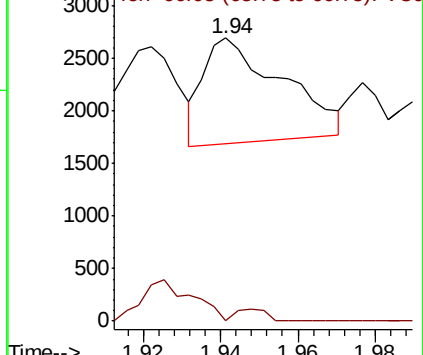
64 100

66 0.0 21.2 39.4#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.056 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040900.D

Acq: 22 Oct 2020 11:50

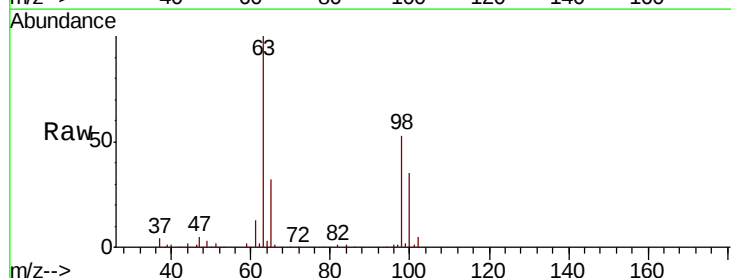
Tgt Ion: 101 Resp: 921

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

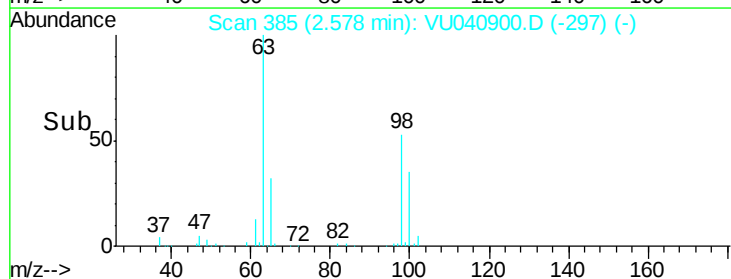
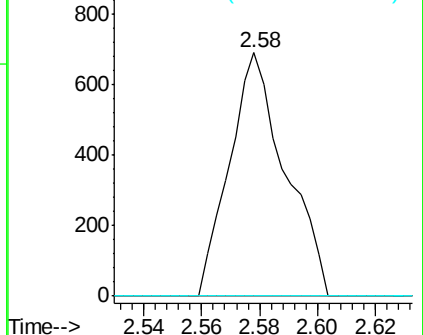
151 0.0 56.3 84.5#

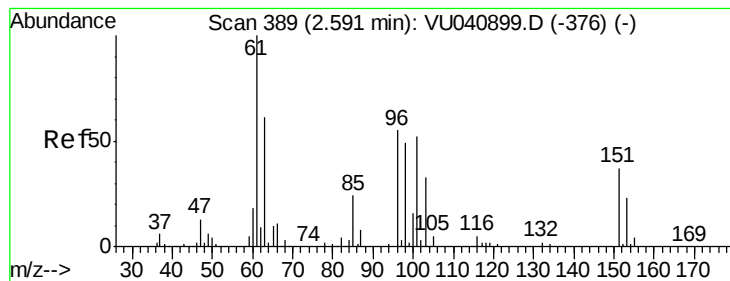


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.054 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040900.D

Acq: 22 Oct 2020 11:50

Instrument :

MSVOA_U

ClientSampleId :

VBLK07

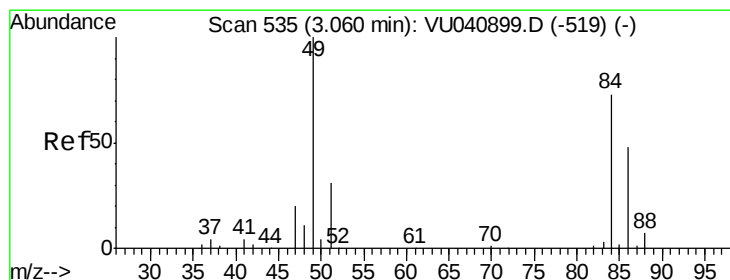
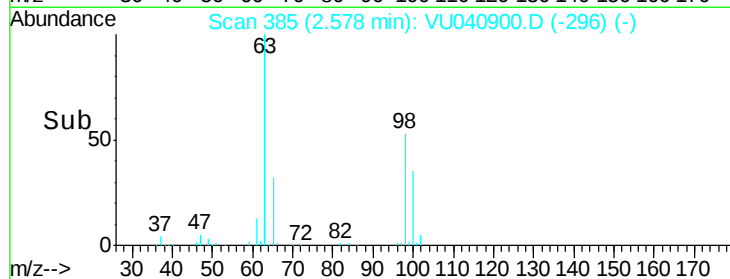
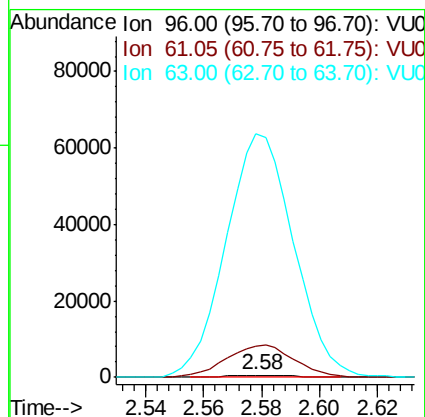
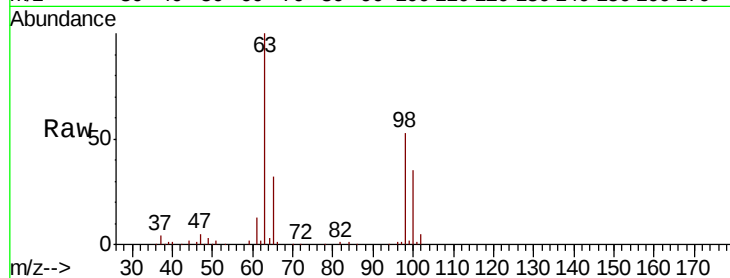
Tot Ion: 96 Resp: 827

Ion Ratio Lower Upper

96 100

61 1721.6 130.9 243.1#

63 13383.2 85.4 158.6#



#16

Methylene chloride

Concen: 0.191 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040900.D

Acq: 22 Oct 2020 11:50

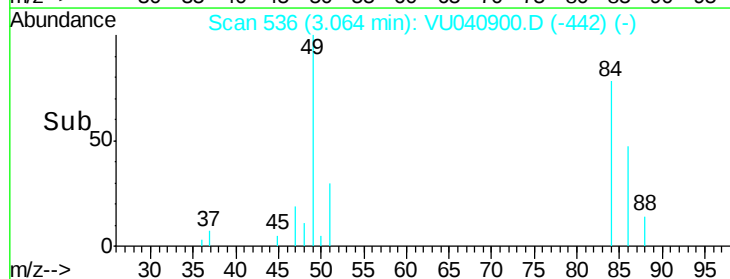
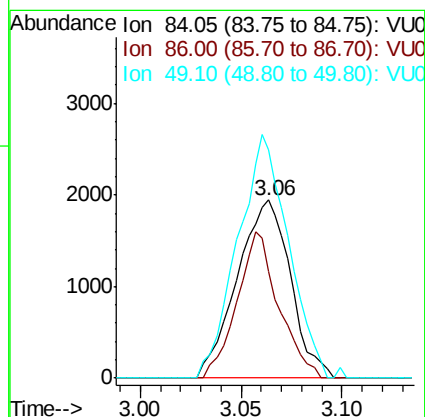
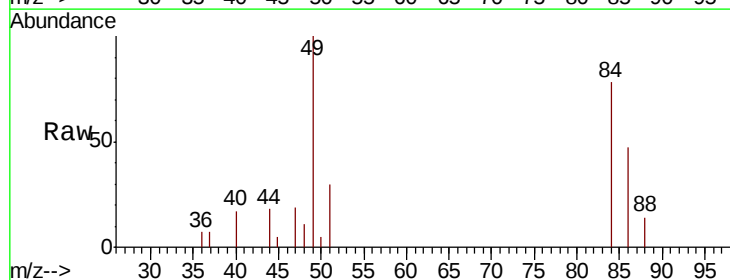
Tgt Ion: 84 Resp: 3591

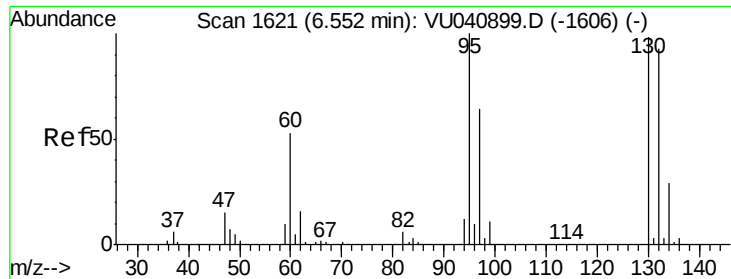
Ion Ratio Lower Upper

84 100

86 60.1 44.9 83.5

49 128.2 94.7 175.9





#34

Trichloroethene

Concen: 0.209 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU040900.D

Acq: 22 Oct 2020 11:50

Instrument :

MSVOA_U

ClientSampleId :

VBLK07

Tot Ion: 95 Resp: 3885

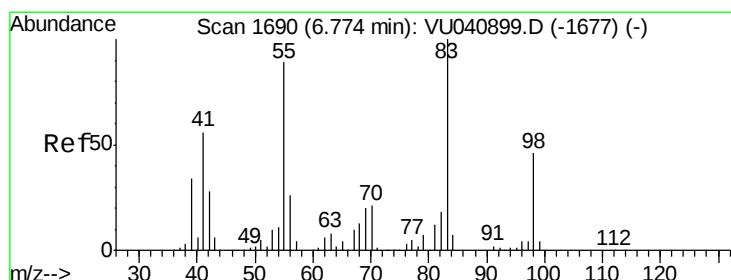
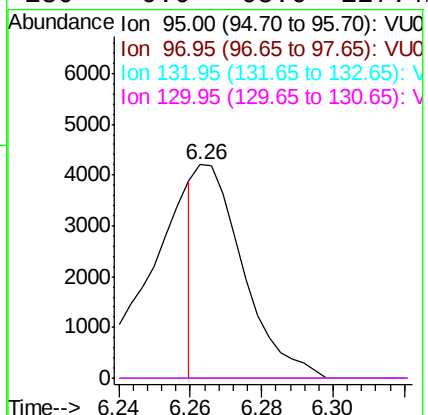
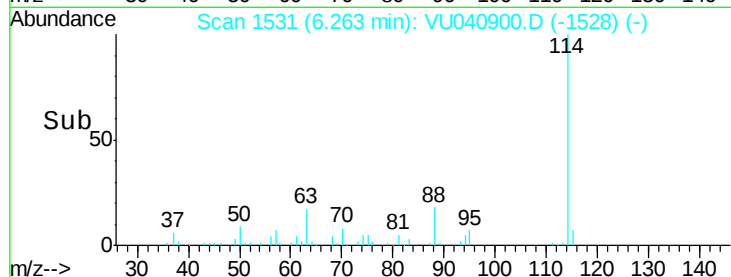
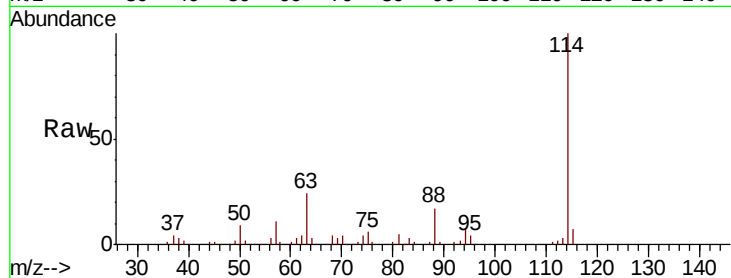
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 63.6 118.2#

130 0.0 68.6 127.4#



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040900.D

Acq: 22 Oct 2020 11:50

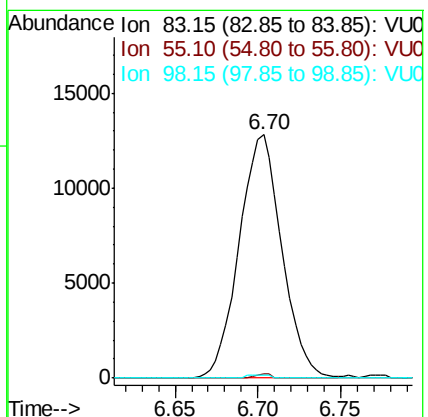
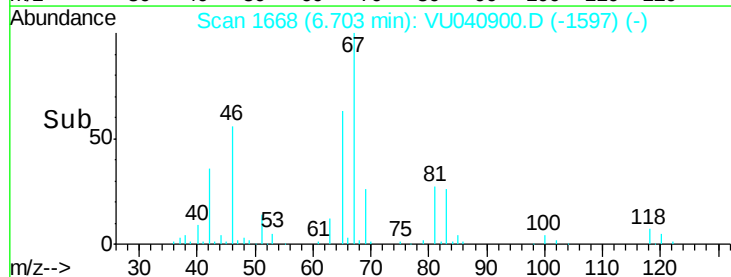
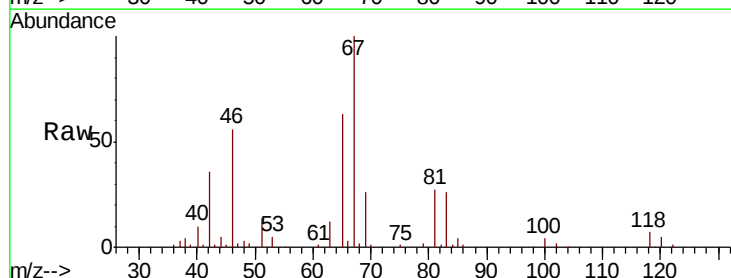
Tgt Ion: 83 Resp: 22901

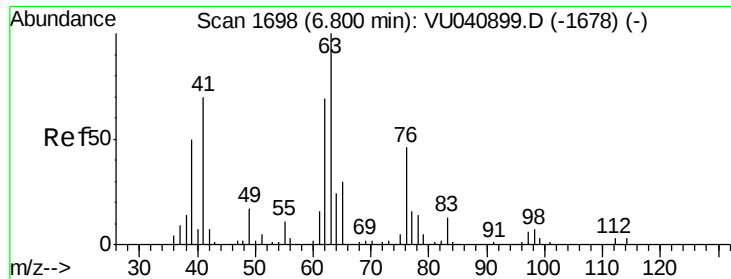
Ion Ratio Lower Upper

83 100

55 0.6 69.1 103.7#

98 0.6 37.8 56.6#

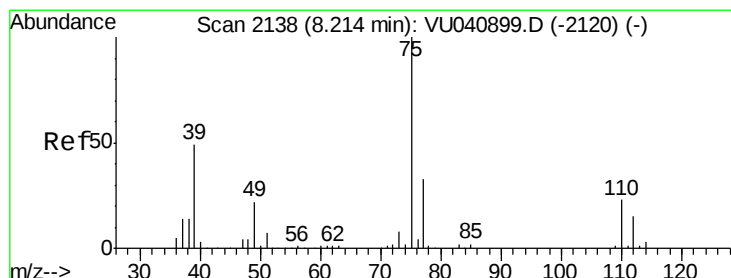
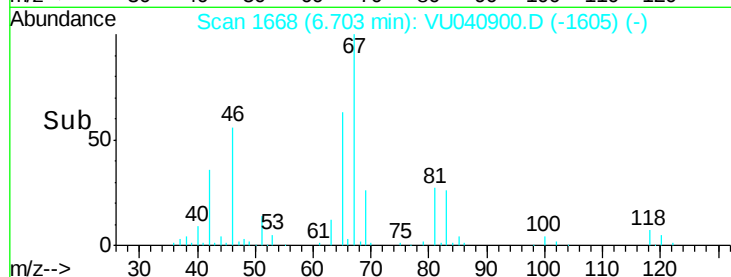
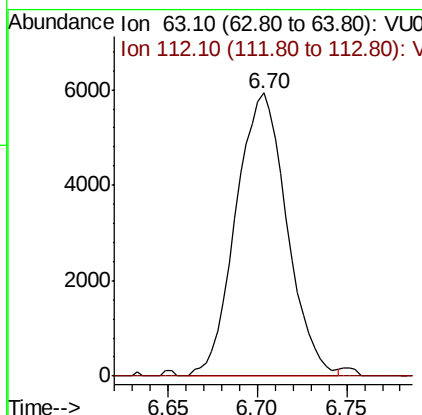
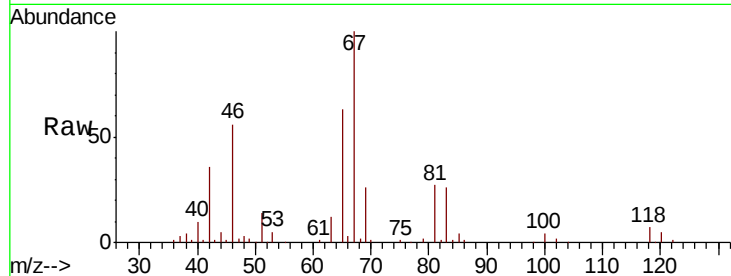




#37
 1,2-Dichloropropane
 Concen: 0.600 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040900.D
 Acq: 22 Oct 2020 11:50

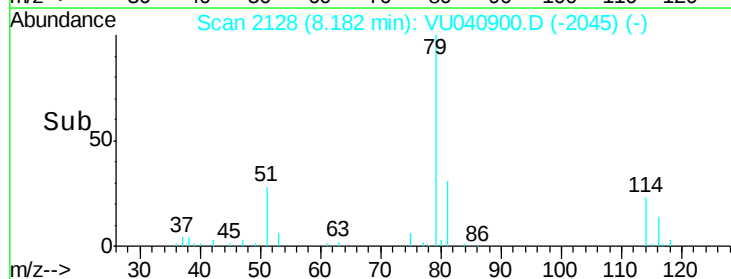
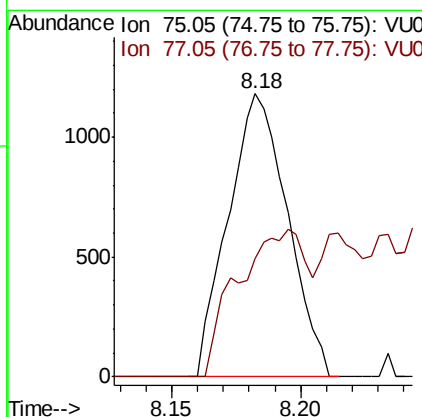
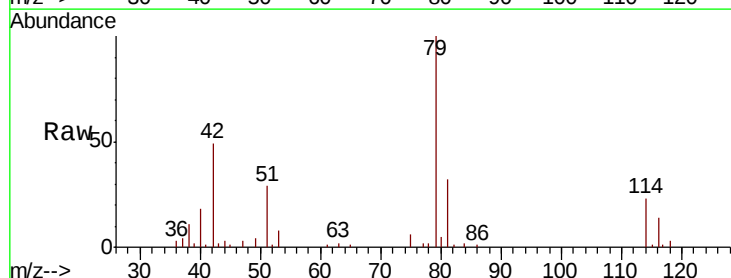
Instrument :
 MSVOA_U
 ClientSampleId :
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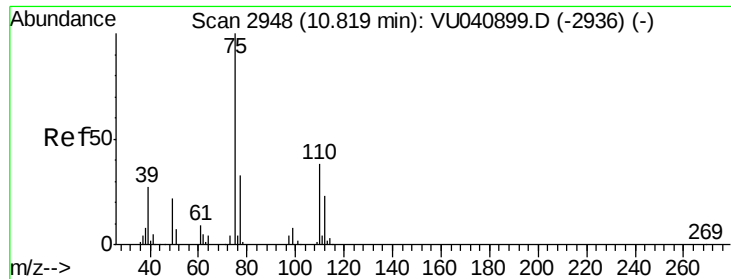
Tot Ion: 63 Resp: 11824
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.0 4.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040900.D
 Acq: 22 Oct 2020 11:50

Tgt Ion: 75 Resp: 1890
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.6 42.0





#59

1,2,3-Trichloropropane

Concen: 0.992 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040900.D

Acq: 22 Oct 2020 11:50

Instrument :

MSVOA_U

ClientSampleId :

VBLK07

Tot Ion: 75 Resp: 12708

Ion Ratio Lower Upper

75 100

77 36.9 27.5 41.3

