

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040876.D
 Acq On : 21 Oct 2020 16:21
 Operator : SY/MD
 Sample : VIBLK75
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK78

Quant Time: Oct 22 00:50:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	229190	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	241639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	105598	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	74326	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.92	69	67759	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	113365	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.65	46	345775	61.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.96%
24) Chloroform-d	5.08	84	162796	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	101059	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	290267	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	102836	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	228258	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	40294	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.64	63	253109	58.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	95149	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	100102	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

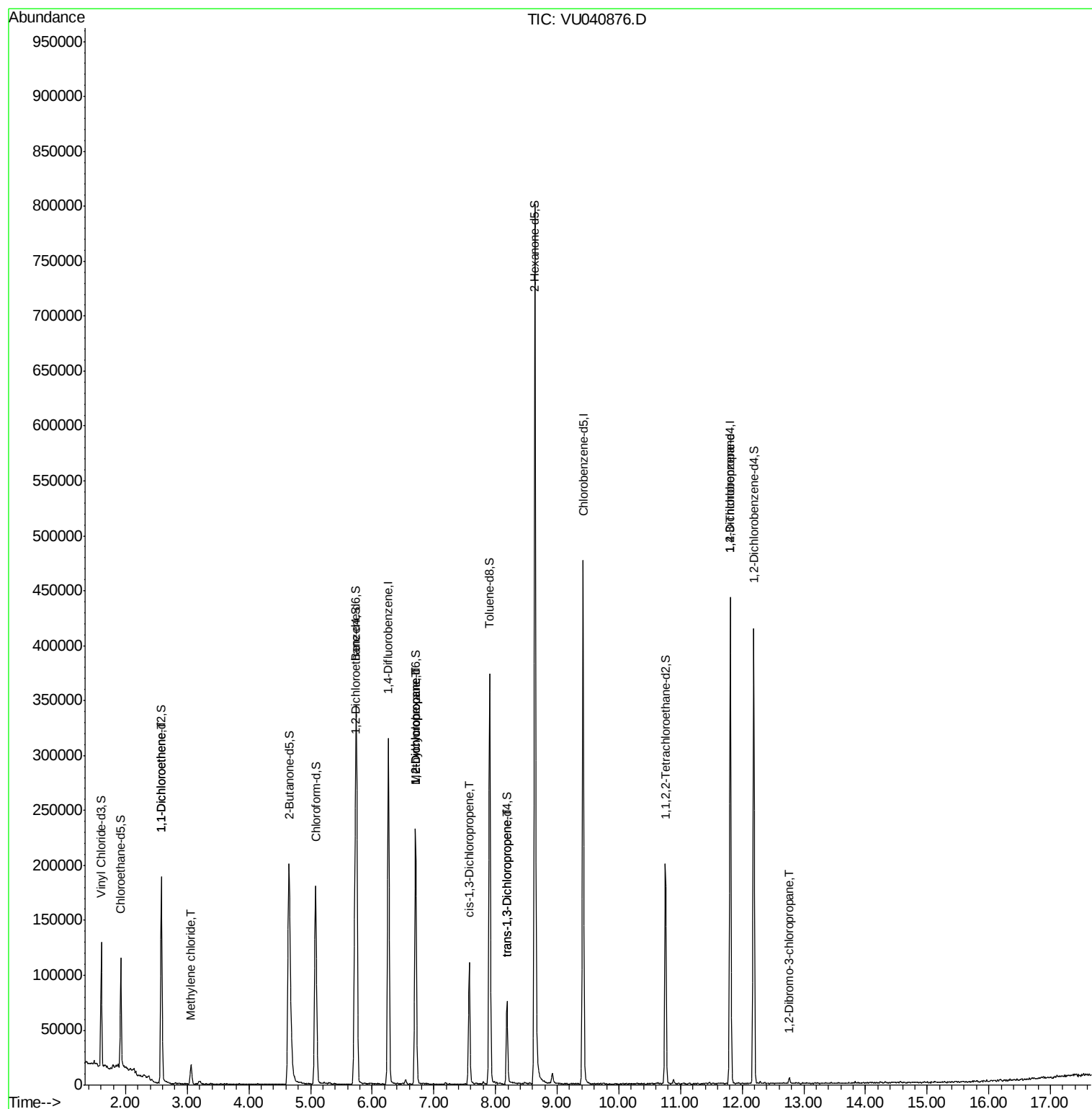
					Ovalue
12) 1,1-Dichloroethene	2.58	96	975	0.058 ug/L #	1
16) Methylene chloride	3.06	84	7268	0.352 ug/L	87
35) Methylcyclohexane	6.70	83	23983	0.811 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	12335	0.588 ug/L #	89
39) cis-1,3-Dichloropropene	7.57	75	3240	0.116 ug/L #	71
44) trans-1,3-Dichloropropene	8.19	75	1863	0.073 ug/L #	76
59) 1,2,3-Trichloropropane	11.81	75	14718	1.080 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.75	75	203	0.069 ug/L #	12

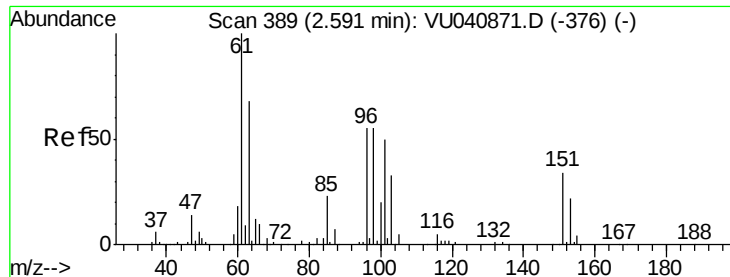
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.058 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040876.D

Acq: 21 Oct 2020 16:21

Instrument :

MSVOA_U

ClientSampled :

VIBLK78

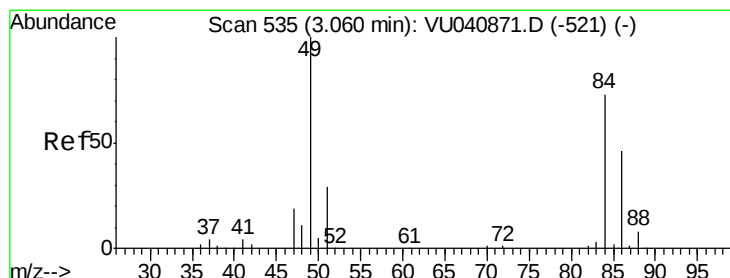
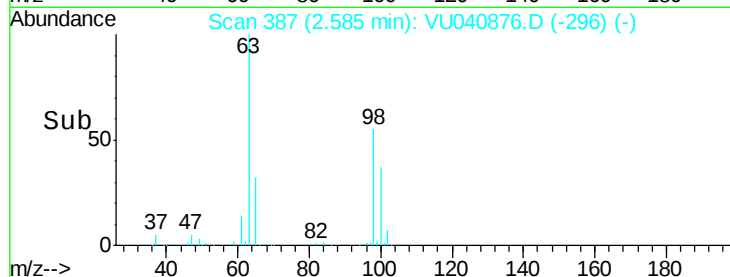
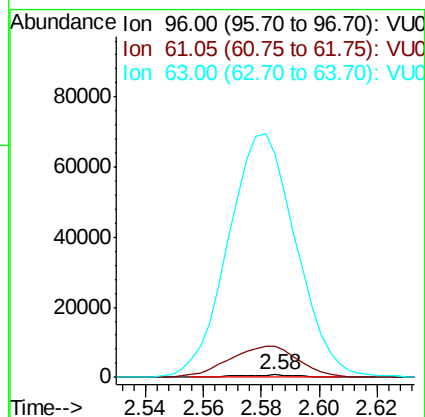
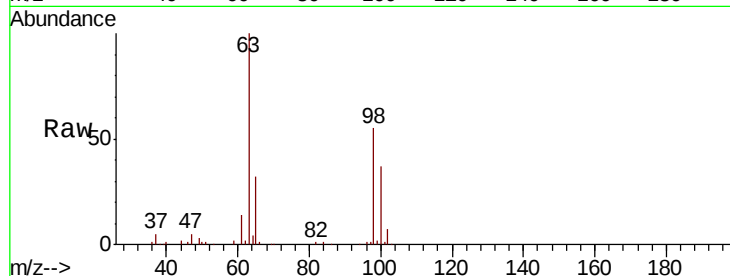
Tot Ion: 96 Resp: 975

Ion Ratio Lower Upper

96 100

61 1276.0 130.9 243.1#

63 9209.2 85.4 158.6#



#16

Methylene chloride

Concen: 0.352 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040876.D

Acq: 21 Oct 2020 16:21

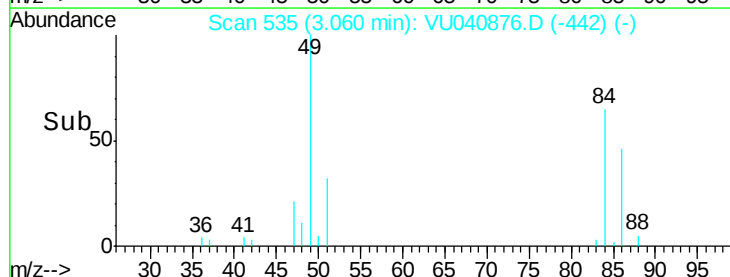
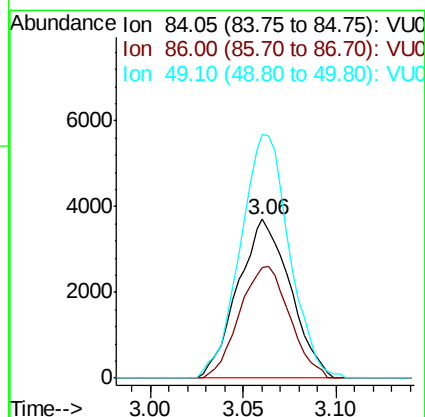
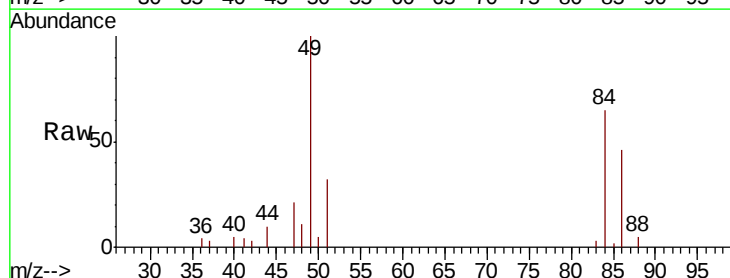
Tgt Ion: 84 Resp: 7268

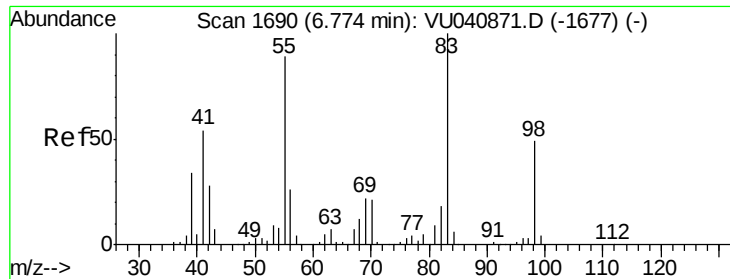
Ion Ratio Lower Upper

84 100

86 69.8 44.9 83.5

49 153.3 94.7 175.9

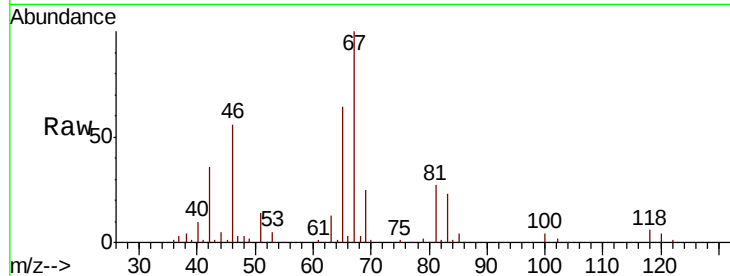




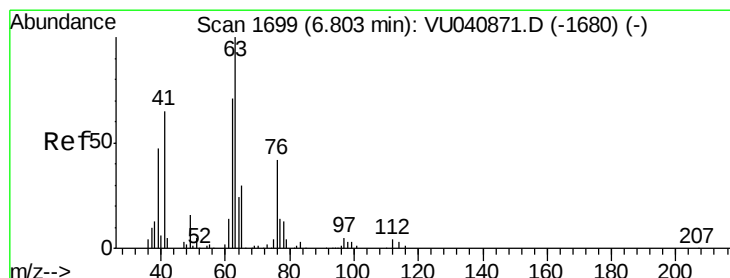
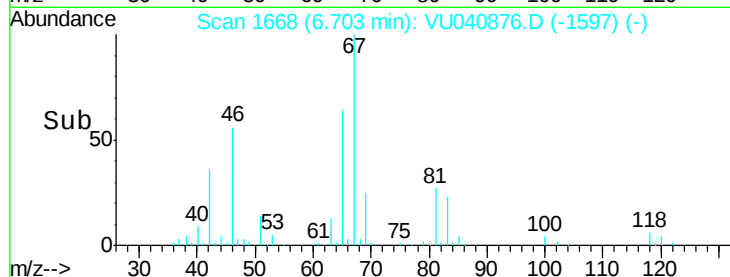
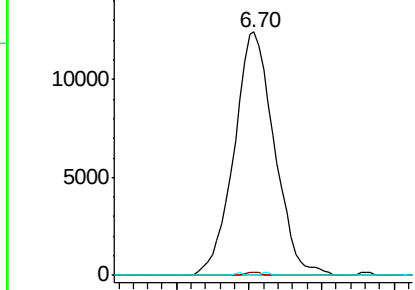
#35
Methvlcvclohexane
Concen: 0.811 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040876.D
Acq: 21 Oct 2020 16:21

Instrument :
MSVOA_U
ClientSampleId :
VIBLK78

Tot Ion: 83 Resp: 23983
Ion Ratio Lower Upper
83 100
55 0.4 69.1 103.7#
98 0.2 37.8 56.6#

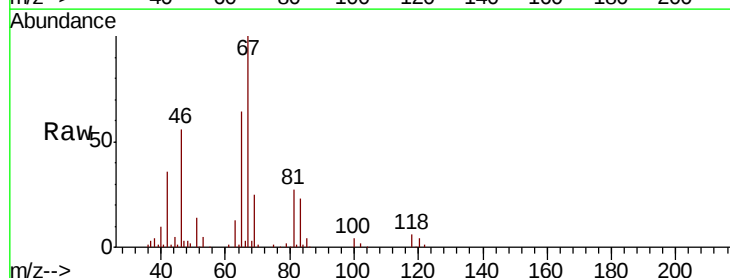


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

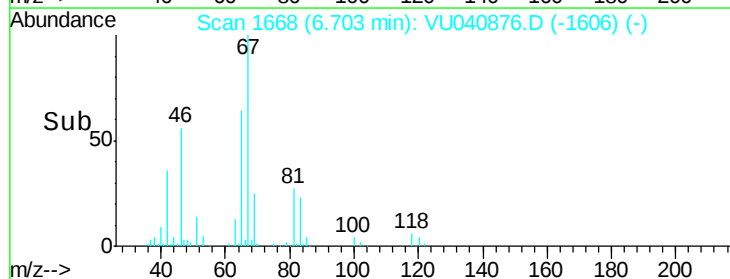
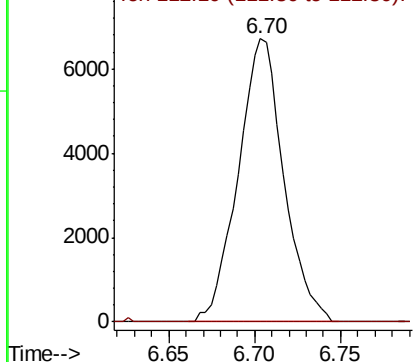


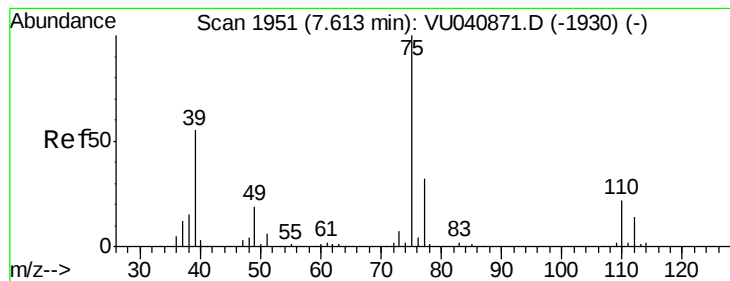
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040876.D
Acq: 21 Oct 2020 16:21

Tgt Ion: 63 Resp: 12335
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



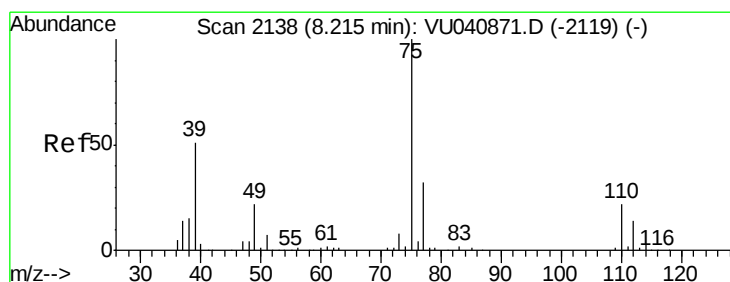
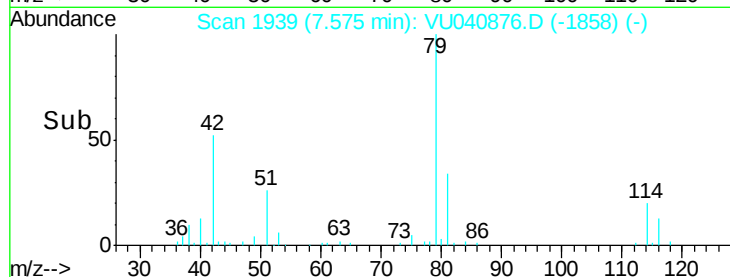
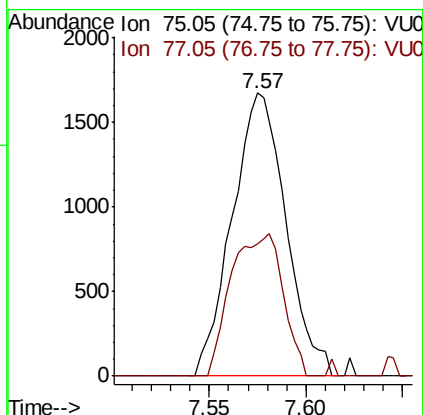
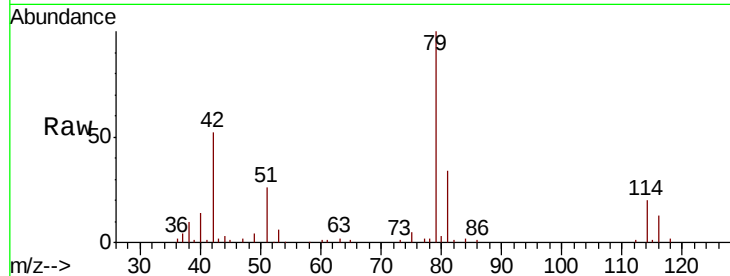


#39

cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040876.D
Acq: 21 Oct 2020 16:21

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VIBLK78

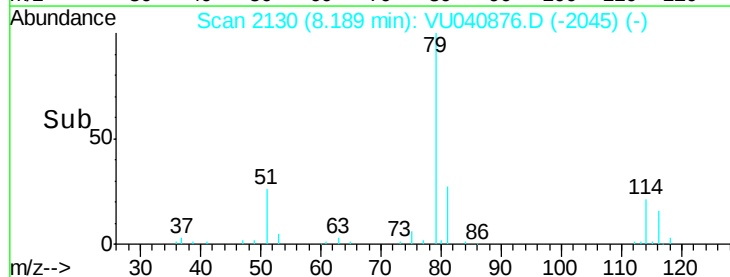
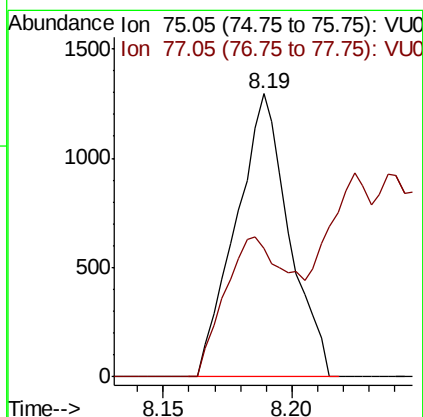
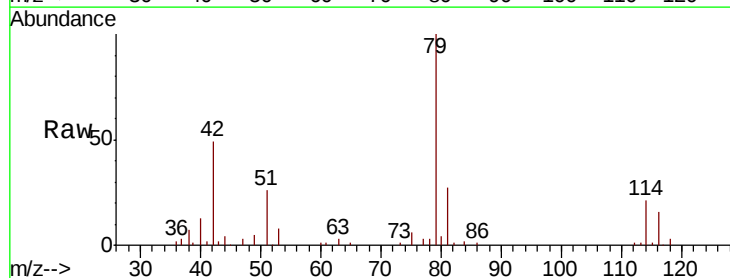
Tot Ion: 75 Resp: 3240
Ion Ratio Lower Upper
75 100
77 46.9 21.6 40.2#

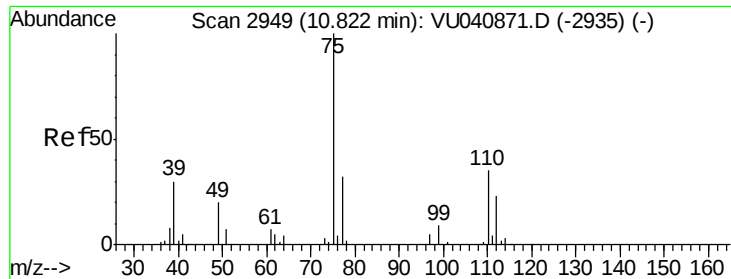


#44

trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040876.D
Acq: 21 Oct 2020 16:21

Tgt Ion: 75 Resp: 1863
Ion Ratio Lower Upper
75 100
77 45.5 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040876.D

Acq: 21 Oct 2020 16:21

Instrument :

MSVOA_U

ClientSampleId :

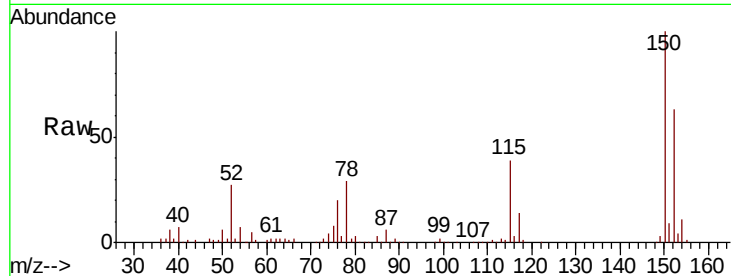
VIBLK78

Tot Ion: 75 Resp: 14718

Ion Ratio Lower Upper

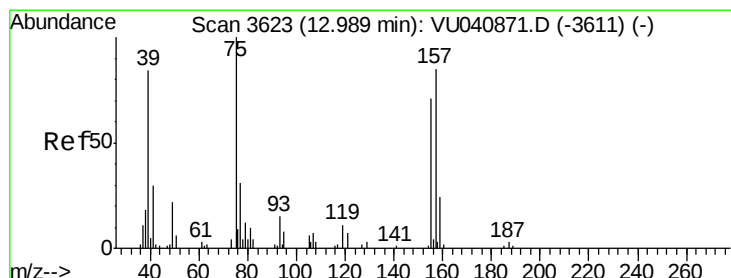
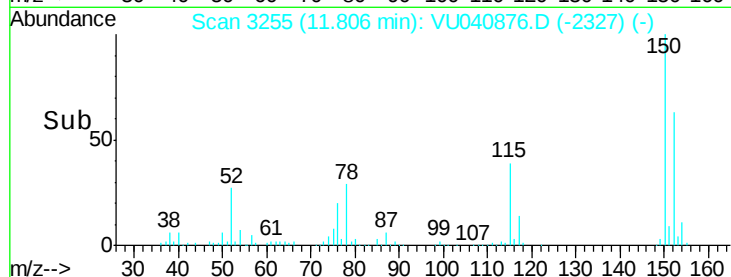
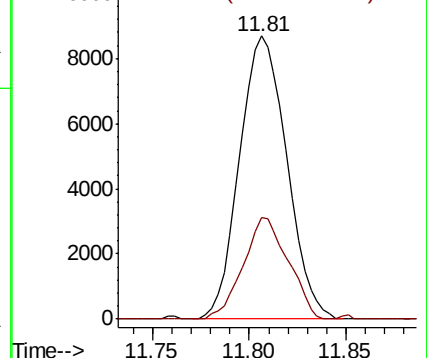
75 100

77 34.1 27.5 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.069 ug/L

RT: 12.75 min Scan# 3550

Delta R.T. -0.23 min

Lab File: VU040876.D

Acq: 21 Oct 2020 16:21

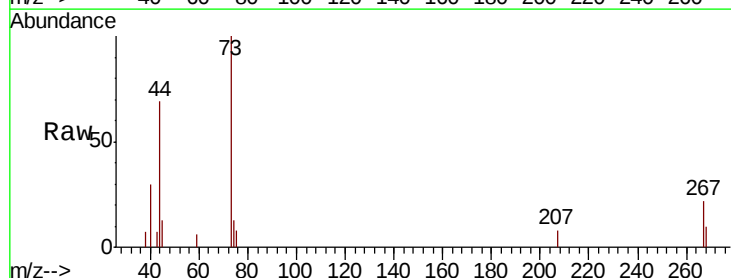
Tgt Ion: 75 Resp: 203

Ion Ratio Lower Upper

75 100

155 0.0 51.7 77.5#

157 0.0 66.9 100.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

